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APPENDIX I

WHARTON ANNUAL LABOR FORCE MODEL EQUATIONS

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1. Civilian Noninstitutional Population

NPCN& = (NPT& * (1.0 - R& / 100.)) - (W& * NLM)

Where

R& = Percentage of a group's total population institutionalized,

W& = Ratio of Armed Forces of that group to the total Armed Forces,

and

& = M16.17, M18.19, M20.24, M25.29, M30.34, M35.39, M40.44, M45.49, M50.54, M55.59, M60.64, M65.69, M70+, F16.17, F18.19, F20.24, F25.29, F30.34, F35.39, F40.44, F45.49, F50.54, F55.64, F65.70, F70+

2. Armed Forces, Male, Ages 16 to 17

NLMM16.19 = NPTM16.17 * WM16.17 + NPTM18.19 * WM18.19

3. Civilian Noninstitutional Population:

Male, Ages 16 to 19,

NPCNM16.19 = NPCNM16.17 + NPCNM18.19;

Male, ages 25 to 34,

NPCNM25.34 = NPCNM25.29 + NPCMN30.34;

Male, ages 35 to 44,

NPCNM35.44 = NPCNM35.39 + NPCNM40.44;

Male, ages 45 to 54,

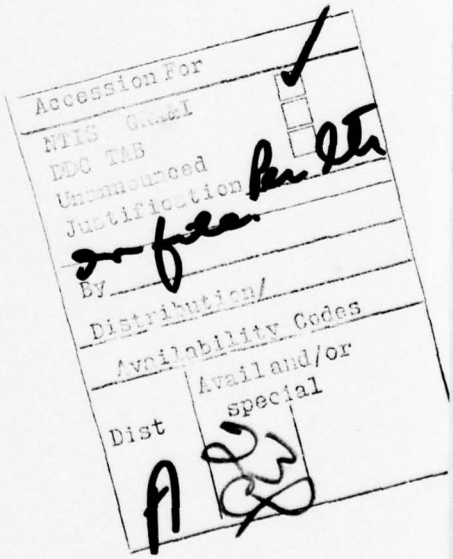
NPCNM45.54 = NPCNM45.49 + NPCNM50.54;

Male, ages 55 to 64,

NPCNM55.64 = NPCNM55.59 + NPCNM60.64

Male, ages 65 and over,

NPCNM65+ = NPCNM65.64 + NPCNM70+;



Female, Ages 16 to 19,

NPCNF16.19 = NPCNF16.17 + NPCNF18.19;

Female, Ages 25 to 34,

NPCNF25.34 = NPCNF25.29 + NPCNF30.34;

Female, ages 35 to 44,

NPCNF35.44 = NPCNF35.39 + NPCNF40.44;

Female, Ages 45 to 54,

NPCNF45.54 = NPCNF45.49 + NPCNF50.54;

Female, ages 55 to 64,

NPCNF55.64 = NPCNF55.59 + NPCNF60.64;

Female, ages 65 and over,

NPCNF65+ = NPCNF65.69 + NPCNF70+.

4. Civilian Noninsitutional Population, Total, Male, Ages 16 and over

NPCNM16+ = NPCNM16.19 + NPCNM20.24 + NPCNM25.34 +
NPCNM35.44 + NPCNM45.54 + NPCNM55.64 +
NPCNM65+;

5. Civilian Noninstitutional Population, Total, Female, Ages 16 and over,

NPCNF16+ = NPCNF16.19 + NPCNF20.24 + NPCNF25.34 +
NPCNF35.44 + NPCNF45.54 + NPCNF55.64 +
NPCNF65+.

6. Civilian Noninstitutional Population, Total, Ages 16 and Over

NPCN16+ = NPCNM16+ + NPCNF16+

7. Civilian Resident Population, Total (Age 16 and over) (Millions) = NPC16+

NPC16+ = NPT16+ - NLM

8. Civilian Resident Population, Male, Ages 16 and over (Millions)

NPCM16+ = NPTM16+ - WM16+ * NLM

where WM16+ = Ratio of Males in the Armed Forces to Total Armed Forces

9. Civilian Resident Population, Female, Age 16 and Over (Millions)

NPCF16+ = NPTF16+ - WF16+ * NLM

where WF16+ = Ratio of Males in the Armed Forces to Total Armed Forces

10. Civilian Resident Population, Total, Ages 16 and Over (Millions)

NPC16+ = NPCM16+ + NPCF16+

11. School Enrollment Male, Ages 16 to 17 (Millions)

$$\frac{NPSM16.17}{NPCNM16.17} = \underset{(3.2581)}{0.6623} + \underset{(3.7706)}{0.4382} * MWR - \underset{(-3.3820)}{0.5984} * (NLMM16.19 / NPCNM16.19) + \underset{(0.6189)}{0.1218} * Y$$

$\bar{R}^2$ = 0.665 SEE = .0217 DW = 1.364

Mean of DV = 0.8858

Sample Period: 1955 to 1976

Equation is solved for NPSM16.17 for forecasting

Y = (YPD/NCF) / (0.438 * (YPD(-1) / NCF(-1)) + 0.219 * (YPD(-2) / NCF(-2)) + 0.146 * (YPD(-3) / NCF(-3)) + 0.110 * (YPD(-4) / NCF(-4)) + 0.087 * (YPD(-5) / NCF(-5)))

12. *School Enrollment, Male, Ages 18 to 19 (Millions)*

$$\frac{NPSM18.19}{NPCNM18.19} = \underset{(-1.4645)}{-.7951} + \underset{(2.0879)}{.5812} * MWR$$

$$+ \underset{(.2682)}{.1135} * NPSRM16.17W(-1) + \underset{(2.2801)}{.9054} * Y$$

$$+ \underset{(.3801)}{.5183} * (NLMINDTT / 1000. * (NPCNM16.19$$

$$+ NPCNM20.24)) + \underset{(.7641)}{0.0070} * NRUTM16.19$$

$$- \underset{(-.4809)}{0.1138} * NRUTM25.54W$$

$\bar{R}^2 = 0.547$ SEE = 0.0362 DW = 1.493

Mean of DV = .5122

Sample Period: 1955 to 1976

Equation is solved for NPSM18.19 for forecasting

```
NPSRM16.17W = ((NPSM16.17/3.)  +  (NPSM16.17(-1)
              * 2.(3.)) / NPCNM16.17

Y = (YPD/NCF) / (0.438 * (YPD(-1) / NCF(-1)) + 0.219 *
    (YPD(-2) / NCF(-2)) + 0.146 * (YPD(-3) / NCF(-3)) +
    0.110 * (YPD(-4) / NCF(-4)) + 0.087 * (YPD(-5) / NCF(-5)))
```

13. School Enrollment, Male, Ages 20 to 24 (Millions)

$$\frac{NPSM20.24}{NPCNM20.24} = \underset{(-1.5727)}{-.2019} + \underset{(4.2869)}{.3662} * MWR$$

$$+ \underset{(3.6378)}{.3046} * NPSRM18.19W(-1) + \underset{(1.5350)}{.1871} * Y$$

$$+ \underset{(1.9565)}{.7549} * (NLMINDTT / 1000 * (NPCNM16.19$$

$$+ NPCNM20.24)) + \underset{(1.6442)}{0.0436} * LOG(ED)$$

$\bar{R}^2$ = .917 SEE = .0121 DW = 2.280

Mean of DV = 0.2544

Sample Period: 1955 to 1976

Equation is solved for NPSM20.24 for forecasting.

```
ED = GVPSOED / (NPT00.04 + NPT05.09 + NPT10.14 + NPCN16.19
     + NPCN20.24

NPSRM18.19W = ((NPSM18.19/3.) + (NPSM18.19(-1) * 2./3.)) / NPCNM18.19

Y = (YPD/NCF) / (0.438 * (YPD(-1) / NCF(-1)) + 0.219 *
    (YPD(-2) / NCF(-2)) + 0.146 * (YPD(-3) / NCF(-3)) +
    0.110 * (YPD(-4) / NCF(-4)) + 0.087 * (YPD(-5) / NCF(-5)))
```

14. School Enrollment, Female, Ages 16 to 19 (Millions)

$$\frac{NPSF16.19}{NPCNF16.19} = \underset{(4.9158)}{0.4095} + \underset{(2.6034)}{0.2841} * MWR$$

$$- \underset{(-1.2994)}{0.0007} * NPFR15.19(-1)$$

$$+ \underset{(4.8232)}{0.0150} * NRUTF16.19 - \underset{(-3.1811)}{0.0173} * NRUTM25.54$$

$\bar{R}^2 = 0.909$ SEE = 0.0157 DW = 1.000

Mean of DV = 0.6119

Sample Period: 1955 to 1976

Equation is solved for NPSF16.19 for forecasting.

15. School Enrollment, Female, Ages 20 to 24 (Millions)

$$\frac{NPSF20.24}{NPCNF20.24} = \underset{(6.3713)}{0.1532} + \underset{(3.2406)}{0.1574} * MWR$$

$$- \underset{(-2.6480)}{0.0003} * NPFR20.24(-1) + \underset{(3.6646)}{0.1070} * LOG(ED)$$

$$+ \underset{(2.3540)}{0.0025} * NRUTF20.24$$

$\bar{R}^2 = 0.976$ SEE = 0.0069 DW = 2.464

Mean of DV = 0.1244

Sample Period: 1955 to 1976

Equation is solved for NPSF20.24 for forecasting.

ED = GVPSOED / (NPT00.04 + NPT05.09 + NPT10.14 + NPCN16.19

+ NPCN20.24 + NPT15)

16. School Enrollment Rates (Fractions)

NPSR& = ((NPS& / 3) + (2 * NPS&(-1) / 3)) / NPCN&

where & = M16.17, M18.19, M20.24, F16.19, F20.24

17. School Enrollment, Male, Ages 16 to 19 (Millions)

NPSM16.19 = NPSM16.17 + NPSM18.19

18. School Enrollment Rate, Male, Ages 16 to 19 (Fraction)

NPSRM16.19 = (NPSM16.19 / 3) + (2 * NPSM16.19(-1) / 3))
/ NPCNM16.19

19. Labor Force Participation Rate, Male, Ages 16 to 19 (Fraction)

$$LOG(NRLTM16.19) = \underset{(2.2513)}{0.4346} - \underset{(-3.8103)}{0.0347} * NRUTM25.54W$$

$$- \underset{(-4.9413)}{1.0152} * NPSRM16.19 - \underset{(-4.4667)}{8.0964} * (NLM / NPCN16+)$$

$\bar{R}^2$ = 0.538 SEE = 0.0293 DW = 0.591

Mean of DV = -0.5683

Sample Period: 1954 to 1976

Equation is solved for NRLTM16.19 for forecasting

NRUTM25.54W = .667 * NRUTM25.54 + .333 * NRUTM25.54(-1)

20. Labor Force Participation Rate, Male, Ages 20 to 24 (Fraction)

$$\begin{aligned}\text{LOG(NRLTM20.24)} = {} & \underset{(2.0214)}{0.0734} - \underset{(-1.5695)}{0.0032} * (.667 * \text{NRUTM25.54} \\ & + .333 * \text{NRUTM25.54(-1)}) + \underset{(-2.9648)}{0.0737} * \\ & * \text{LY} - \underset{(-4.3145)}{0.3294} * \text{NPSRM20.24} \\ & - \underset{(-3.6356)}{2.4428} * (\text{NLM} / \text{NPCN16+})\end{aligned}$$

$\bar{R}^2 = 0.916$ SEE = 0.0058 DW = 1.596

Mean of DV = -0.1547

Sample Period: 1954 to 1976

Equation is solved for NRLTM20.24 for forecasting

LY = LOG((0.8145 * YPDPC + 0.6634 * YPDPC(-1) +

0.5404 * YPDPC(-2) + 0.4401 * YPDPC(-3)) / 2.4584)

21. Labor Force Participation Rate, Male, Ages 25 to 34 (Fraction)

$$\begin{aligned}\text{LOG(NRLTM25.34)} = {} & 0.0742 - 0.0013 * (.667 * \text{NRUTM25.54} + \\ & \quad (6.1831)(-2.6969) \\ & .333 * \text{NRUTM25.54(-1)}) - 0.0022 * \text{RPW} - \\ & \qquad\qquad\qquad\qquad (-4.2490) \\ & 0.0170 * \text{LY} \\ & (-2.3466)\end{aligned}$$

$\bar{R}^2 = 0.931$ SEE = 0.0021 DW = 1.233

Mean of DV: -0.0327

Sample Period: 1954 to 1976

Equation is solved for NRLTM25.34 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

LY = LOG((0.8145 * YPDPC + 0.6634 * YPCPC(-1) + 0.5404 *
YPDPC(-2) + 0.4401 * YPDPC(-3)) / 2.4584)

22. Labor Force Participation Rate, Male, Ages 35 to 44 (Fraction)

$$LOG(NRLTM35.44) = \underset{}{0.0421} - \underset{(6.2390)}{0.0016} * (.667 * NRUTM25.54 + \underset{(-6.0822)}{.333 * NRUTM25.54(-1)}) - \underset{(-1.6102)}{.0005 * RPW} - \underset{(-10.4448)}{.0425 * LY}$$

$\bar{R}^2 = 0.979$ SEE = 0.0012 DW = 1.299

Mean of DV = -0.0291

Sample Period: 1954 to 1976

Equation is solved for NRLTM35.44 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) /
NPCN16+

LY = LOG (0.8145 * YPDPC + 0.6634 * YPDPC(-1) +
0.5404 * YPDPC(-2) + 0.4401 * YPDPC(-3))
/2.4584)

23. Labor Force Participation Rate, Male, Ages 45 to 54 (Fraction)

$$\begin{aligned}\text{LOG(NRLTM45.54)} = {} & 0.1171 \;\underset{(9.0358)}{} - 0.0032 \underset{(-6.0867)}{} * (.667 * \text{NRUTM25.54} + \\ & .333 * \text{NRUTM25.54(-1)}) - 0.0021 \underset{(-3.7393)}{} * \text{RPW} \\ & - 0.0708 \underset{(-9.0749)}{} * \text{LY}\end{aligned}$$

$\bar{R}^2 = 0.981$ SEE = 0.0023 DW = 1.827

Mean of DV = -0.0527

Sample Period: 1954 to 1976

Equation is solved for NRLTM45.54 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) /
NPCN16+

LY = LOG((0.8145 * YPDPC + 0.6634 * YPDPC(-1) +
0.5404 * YPDPC(-2) + 0.4401 * YPDPC(-3)) / 2.4584)

24. Labor Force Participation Rate, Male, Ages 55 to 64 (Fraction)

$$\begin{aligned}\text{LOG(NRLTM55.64)} = {} & \underset{(6.1501)}{0.3655} - \underset{(-3.9610)}{0.0094} * (667 * \text{NRUTM25.54} + \\ & .333 * \text{NRUTM25.54(-1)}) - \underset{(-2.8001)}{0.0071} * \text{RPW} \\ & - \underset{(-5.8657)}{0.2100} * \text{LY}\end{aligned}$$

$\bar{R}^2 = 0.959$ SEE = 0.0103 DW = 0.980

Mean of DV = -0.1752

Sample Period: 1954 to 1976

Equation solved for NRLTM55.64 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

LY = LOG(0.8145 * YPDPC + 0.6634 * YPDPC(-1) + 0.5404
* YPDPC(-2) + 0.4401 * YPDPC(-3)) / 2.4584)

25. Labor Force Participation Rate, Male, Ages 65 and Over (Fraction)

$$\underset{}{\text{LOG(NRUTM65+)}} = \underset{(-0.6363)}{-0.1060} - \underset{(-3.3949)}{0.0184} * (.667 * \text{NRUTM25.54} + .333 * \text{NRUTM25.54(-1)}) + \underset{(1.0068)}{0.0186} * \text{RPW} - \underset{(-1.3962)}{0.2812} * \text{LY} + \underset{(8.5414)}{0.8657} * \text{LOG(NRLTM65+(-1))}$$

$\bar{R}^2 = 0.990$ SEE = 0.0203 DW = 2.236

Mean of DV = -1.2391

Sample Period: 1954 to 1976

Equation is solved for NRLTM65+ for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

LY = LOG(0.8145 * YPDPC + 0.6634 * YPDPC(-1) + 0.5404 * YPDPC(-2) + 0.4401 * YPDPC(-3)) / 2.4584

26. Labor Force Participation Rate, Female, Ages 16 to 19 (Fraction)

LOG(NRLTF16.19) = -3.8285 + 0.9340 LOG(WW)
(-3.0822) (3.7520)

- 0.0939 * NPFR(-1) - 2.3346 * NPSRF16.19
(-3.1143) (-4.8475)

$\bar{R}^2$ = 0.923 SEE = 0.0251 DW = 1.112

Mean of DV = -0.8693

Sample Period: 1954 to 1976

Equation is solved for NRLTF16.19 for forecasting

WW = .667 * W + .333 * W(-1)

W = ((WRCPV$ * NEETTPV) - (TSCSTT$ - TXCSTP$)) / (NEETTPV
* PDCE / 100.)

27. Labor Force Participation Rate, Female, Ages 20 to 24 (Fraction)

$$\begin{aligned} LOG(NRLTF20.24) = {} & -1.3831 \; + \; 0.2280 * LOG(WW) \\ & (-3.5450) \quad (3.2383) \\ & - 0.1342 * NPFR(-1) \\ & (-8.9510) \end{aligned}$$

$\bar{R}^2 = 0.983$ SEE = 0.0165 DW = 1.057

Mean of DV = -0.6539

Sample Period: 1954 to 1976

Equation is solved for NRLTF20.24 for forecasting

WW = .667 * W + .333 * W(-1)

W = ((WRCPV$ * NEETTPV) - (TSCSTT$ - TSCSTP$)) / (NEETTPV * PDCE / 100.)

28. Labor Force Participation Rate, Female, Ages 25 to 34 (Fraction)

LOG(NRLTF25.34) = -1.0731 + 0.1536 * LOG(WW) - 0.1949 * NPFR(-1)
(-1.3043) (1.0349) (-6.1629)

$\bar{R}^2$ = 0.952 SEE = 0.0349 DW = 0.578

Mean of DV = -0.8912

Sample Period: 1954 to 1976

Equation is solved for NRLTF25.34 for forecasting

WW = .667 * W + .333 * W(-1)

W = ((WRCPV$ * NEETTPV) - (TXCSTT$ - TXCSTP$)) / (NEETTPV * PDCE / 100.)

29. Labor Force Participation Rate, Female, Ages 35 to 44 (Fraction)

LOG(NRLTF35.44) = -4.1483 + 0.747 * LOG(WW) -
(-48.2812) (38.6392)

- 0.0813 * NPFR9
(-9.9692)

$\bar{R}^2$ = 0.986 SEE = 0.0118 DW = 1.141

Mean of DV = -0.7485

Sample Period: 1954 to 1976

Equation is solved for NRLTF35.44 for forecasting

NPFR9 = (NPFR(-9) + NPFR(-10) + NPFR(-11)) / 3.0

WW = .667 * W + .333 * W(-1)

W = ((WRCPV$ * NEETTPV) - (TXCSTT$ - TXCSTP$)) / (NEETTPV * PDCE
/ 100.)

30. Labor Force Participation Rate, Female, Ages 45 to 54 (Fraction)

LOG(NRLTF45.54) = -4.8360 + 0.9019 * LOG(WW) - 0.1101 * NPRR19
(-4.7850) (3.7972) (-1.8233)

$\bar{R}^2$ = 0.849 SEE = 0.0298 DW = 0.367

Mean of DV = -0.6813

Sample Period: 1954 to 1976

Equation is solved for NRLTF45.54 for forecasting

NPFR19 = (NPFR(-19) + NPFR(-20) + NPFR(-21)) / 3.0

WW = .667 * W + .333 * W(-1)

W = ((WRCPV$ * NEETTPV) - (TXCSTT$ - TXCSTP$)) / (NEETTPV
* PDCE / 100.)

31. Labor Force Participation Rate, Female, Ages 55 to 65 (Fraction)

LOG(NRLTF55.64) = -3.5759 + 0.6098 * LOG(WW) - 0.1629 * NPFR29
(-23.2850) (19.8403) (-9.6903)

$\bar{R}^2$ = 0.954 SEE = 0.0212 DW = 1.091

Mean of DV = -0.9424

Sample Period: 1954 to 1976

Equation is solved for NRLTF55.64 for forecasting

NPRFR29 = (NPFR(-29) + NPFR(-30) + NPFR(-31)) / 3.0

WW = .667 * W + .333 * W(-1)

W = ((WRCPV$ * NEETTPV) - (TXCSTT$ - TXCSTP$)) / (NEETTPV
* PDCE / 100.)

32. Labor Force Participation Rate, Female, Ages 65 and Over (Fraction)

$$\text{LOG(NRLTF65+)} = \underset{(-7.7693)}{-1.1499} - \underset{(-8.0166)}{0.0310} * \text{RPW}$$

$\bar{R}^2 = 0.743$ SEE = 0.0417 DW = 1.113

Mean of DV = -2.3343

Sample Period: 1954 to 1976

Equation is solved for NLTF65+ for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

33. Unemployment Rate, Male, Ages 16 to 19 (Percent)

$$\begin{aligned} LOG(NRUTM16.19) = {} & -1.6102 \quad + \quad 0.3761 * LOG(NRUTM25.54) + \\ & (-1.3387) \qquad (6.7071) \\ & \\ & 1.0542 * LOG(RPW) \\ & (3.2043) \end{aligned}$$

$\bar{R}^2 = 0.703$ SEE = 0.0937 DW = 0.500

Mean of DV = 2.6747

Sample Period: 1954 to 1976

Equation is solved for NRUTM16.19 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

34. Unemployment Rate, Male, Ages 20 to 24 (Percent)

LOG(NRUTM20.24) = -3.7337 + 0.8147 * LOG(NRUTM25.54) +
(-3.6665)(17.590)

1.3367 * LOG(RPW)
(4.7989)

$\bar{R}^2$ = 0.934 SEE = 0.0794 DW = 0.978

Mean of DV = 2.0982

Sample Period: 1954 to 1976

Equation is solved for NRUTM20.24 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

35. Unemployment Rate, Male, Ages 25 to 34 (Percent)

$$LOG(NRUTM25.34) = \underset{(14.7644)}{1.9444} \sum_{i=0}^{3} a_i * LOG(NEHT(-i) / NEHT(-1-i))\ \langle 1, 4, FAR \rangle$$

i	a_i	t-Statistic
0	-16.1178	-5.1241
1	-12.0884	-5.1241
2	-8.0589	-5.1241
3	-4.0295	-5.1241
SUM	-40.2946	

$\overline{R}^2 = 0.535$ SEE = 0.2510 DW = 0.356

Mean of DV = 1.3252

Sample Period: 1954 to 1976

Equation is solved for NRUTM25.34 for forecasting

36. Unemployment Rate, Male, Ages 25 to 34, Alternate Equation (Percent)

$$LOG(NRUTM25.34) = \underset{(15.4864)}{1.9870} + \sum_{i=0}^{3} a_i * LOG(NEHT(-i) / NEHT(-1-i))\ \langle 1, 4, FAR\rangle$$

$$+ \sum_{i=0}^{3} b_i * LOG(NLCM25.34(-i) / NLCM25.34(-1-i))\ \langle 1, 4, FAR\rangle$$

i	a	t-Statistic	b	t-Statistic
0	-18.6226	-5.5762	1.8391	1.7246
1	-13.9670	-5.5762	1.3793	1.7246
2	-9.3113	-5.5762	0.9196	1.7246
3	-4.6557	-5.5762	0.4598	1.7246
SUM	-46.5565		4.5978	

$\bar{R}^2$ = 0.575 SEE = 0.2399 DW = 0.461

Mean of DV = 1.3252

Sample Period: 1954 to 1976

Equation is solved for NRUTM25.34 for forecasting

To use set ALTE NRUTM25.34 1 in solution.

37. Unemployment Rate, Male, Ages 35 to 44 (Percent)

$$LOG(NRUTM35.44) = \underset{(17.9168)}{1.7470} + \sum_{i=0}^{3} d_i * LOG(NEHT(-i) / NEHT(-1-i))$$
<1, 4, FAR>

i	d_i	t-Statistic
0	-17.6002	-7.5572
1	-13.2002	-7.5572
2	-8.8001	-7.5572
3	-4.4001	-7.5572
SUM	-44.0005	

$\bar{R}^2$ = 0.718 SEE = 0.1858 DW = 0.501

Mean of DV = 1.0708

Sample Period: 1954 to 1976

Equation is solved for NRUTM35.44 for forecasting

38. Unemployment Rate, Male, Ages 45 to 54 (Percent)

$$\text{LOG(NRUTM45.54)} = \underset{(19.4369)}{1.8158} + \sum_{i=0}^{3} a_i * \text{LOG(NEHT(-i) / NEHT(-1-i))}\ \langle 1, 4, \text{FAR}\rangle$$

i	a_i	t-Statistic
0	-18.4860	-8.2850
1	-13.8645	-8.2850
2	-9.2430	-8.2850
3	-4.6215	-8.2850
SUM	-46.2151	

$\overline{R}^2 = 0.755$ SEE = 0.1780 DW = 0.494

Mean of DV = 1.1055

Sample Period: 1954 to 1978

Equation is solved for NRUTM45.54 for forecasting

39. Unemployment Rate, Male, Ages 55 to 64 (Percent)

$$\begin{array}{lcl} \text{LOG(NRUTM55.64)} & = & \underset{(8.3511)}{6.8357} + \underset{(21.2645)}{0.8115} * \text{LOG(NRUTM25.54)} \\ & & \underset{(-8.0275)}{-1.7972} * \text{LOG(RPW)} \end{array}$$

$\bar{R}^2 = 0.960$ SEE = 0.0638 DW = 1.803

Mean of DV = 1.2459

Sample Period: 1954 to 1976

Equation is solved for NRUTM55.64 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

40. Unemployment Rate, Males, Ages 65 and Over (Percent)

$$\begin{aligned} LOG(NRUTM65+) = {} & 2.2688 + 0.6320 * LOG(NRUTM25.54) \\ & (2.3420) \quad (13.9915) \\ & - 0.4610 * LOG(RPW) \\ & (-1.7399) \end{aligned}$$

$\bar{R}^2 = 0.900$ SEE = 0.0755 DW = 1.957

Mean of DV = 1.3353

Sample Period: 1954 to 1976

Equation is solved for NRUTM65+ for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

41. Unemployment Rate, Female, Ages 16 to 19 (Percent)

$$\begin{aligned} LOG(NRUTF16.19) = {} & -3.2326 + 0.1447 * LOG(NRUTM25.54) \\ & (-1.7506) \quad (1.6810) \\ & + 1.5757 * LOG(RPW) \\ & (3.1198) \end{aligned}$$

$\bar{R}^2 = 0.318$ SEE = 0.1439 DW = 0.377

Mean of DV = 2.6793

Sample Period: 1954 to 1976

Equation is solved for NRUTF16.19 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

42. Unemployment Rate, Female, Ages 20 to 24 (Percent)

$$\begin{aligned} LOG(NRUTF20.24) = {} & -5.0239 + 0.4009 * LOG(NRUTM25.54) \\ & (-3.5743) \quad (6.1184) \\ & + 1.8232 * LOG(RPW) \\ & (4.7426) \end{aligned}$$

$\bar{R}^2 = 0.718$ SEE = 0.1095 DW = 0.432

Mean of DV = 2.0924

Sample Period: 1954 to 1976

Equation is solved for NRUTF20.24 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

43. Unemployment Rate, Female, Ages 25 to 34 (Percent)

$$\underset{(-2.8279)}{\text{LOG(NRUTF25.34)} = -2.6612} + \underset{(10.2434)}{0.4494} * \text{LOG(NRUTM25.54)} + \underset{(4.1929)}{1.0792} * \text{LOG(RPW)}$$

$\bar{R}^2 = 0.843$ SEE = 0.0733 DW = 1.254

Mean of DV = 1.8016

Sample Period: 1954 to 1976

Equation is solved for NRUTF25.34 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

44. Unemployment Rate, Females, Ages 35 to 44 (Percent)

$$\begin{aligned} LOG(NRUTF35.44) = {} & -0.9221 + 0.5150 * LOG(NRUTM25.54) \\ & (-0.8899) \quad (10.6602) \\ & + 0.5097 * LOG(RPW) \\ & (1.7984) \end{aligned}$$

$\bar{R}^2 = 0.838$ SEE = 0.0807 DW = 1.441

Mean of DV = 1.5429

Sample Period: 1954 to 1976

Equation is solved for NRUF35.44 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

45. Unemployment Rate, Female, Ages 45 to 54 (Percent)

$$\begin{aligned} LOG(NRUTF45.54) = {} & -1.0170 + 0.6049 * LOG(NRUTM25.54) \\ & (-1.4252) \quad (18.1793) \\ & + 0.4477 * LOG(RPW) \\ & (2.2937) \end{aligned}$$

$\bar{R}^2 = 0.938$ SEE = 0.0556 DW = 2.198

Mean of DV = 1.3284

Sample Period: 1954 to 1976

Equation is solved for NRUTF45.54 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

46. Unemployment rate, Females, Ages 55 to 64 (Percent)

$$\begin{aligned} LOG(NRUTF55.64) = {} & -0.7301 + 0.6708 * LOG(NRUTM25.54) \\ & (-0.6847) \quad (13.4934) \\ & + 0.3148 * LOG(RPW) \\ & (1.0796) \end{aligned}$$

$\bar{R}^2 = 0.891$ SEE = 0.0831 DW = 1.531

Mean of DV = 1.2090

Sample Period: 1954 to 1976

Equation is solved for NRUTF55.64 for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

47. Unemployment Rate, Female, Ages 65 and Over (Percent)

$$\begin{aligned} LOG(NRUTF65+) = {} & -5.1381 + 0.4239 * LOG(NRUTM25.54) \\ & (-2.900) \quad (5.1312) \\ & + 1.5915 * LOG(RPW) \\ & (3.2840) \end{aligned}$$

$\bar{R}^2 = 0.608$ SEE = 0.1380 DW = 1.269

Mean of DV = 1.1607

Sample Period: 1954 to 1976

Equation is solved for NRUTF65+ for forecasting

RPW = .667 * RP + .333 * RP(-1)

RP = 100. * (NPCN16.19 + NPCN20.24 + NPCN25.34) / NPCN16+

48. Labor Force By Age Group and By Sex (Millions)

NLC& = NRLT& * NPCN&

Where & = M16.19, M20.24, M25.34, M35.44, M45.54, M55.64, M65+, F16.19, F20.24, F25.34, F35.44, F45.54, F55.64, F65+

NLC& = NLCM& + NLCF&

Where & = 16.19, 20.24, 25.34, 35.44, 45.54, 55.64, 65+

NLCM16+ = NLCM16.19 + NLCM20.24 + NLCM25.34 + NLCM35.44 + NLCM45.54 + NLCM55.64 + NLCM65+

NLCF16+ = NLCF16.19 + NLCF20.24 + NLCF25.34 + NLCF35.44 + NLCF45.54 + NLCF55.64 + NLCF65+

49. Labor Force, Total Ages 16 and Over (Millions)

NLC = NLCM16+ + NLCF16+

50. Number of Unemployed By Age-Sex Group (Millions)

NUT& = NLC& * NRUT&

Where & = M16.19, M20.24, M25.34, M35.44, M45.54, M55.64, M65+
F16.19, F20.24, F25.34, F35.44, F45.54, F55.64, F65+

51. Number of Unemployed by Age Group and By Sex (Millions)

NUT& = NUTM& + NUTF&

Where & = 16.19, 20.24, 25.34, 35.44, 45.54, 55.64, 65+

NUTM16+ = NUTM16.19 + NUTM20.24 + NUTM25.34 + NUTM35.44 +
NUTM45.54 + NUTM55.64 + NUTM65+

NUTF16+ = NUTF16.19 + NUTF20.24 + NUTF25.34 + NUTF35.44 +
NUT45.54 + NUT55.64 + NUTF65+

52. Number of Unemployed (Millions)

NUT = NUTM16+ + NUTF16+

53. Labor Force Participation Rates, By Age and By Sex Group (Fractions)

NRLT& = NLC& / NPCN&

Where & = M16+, F16+, 16.19, 20.24, 25.34, 35.44, 45.54, 55.64, 65+

54. Unemployment Rates by Age and Sex Group (Percent)

NRUT& = 100. * NUT& / NLC&

Where & = M16+, F16+, 16.19, 20.24, 25.34, 35.44, 45.54, 55.64, 65+

55. Labor Force Participation Rate Total

NRLT = NLC / NPCN16+

56. Unemployment Rate, Total

NRUT = NUT / NLC

APPENDIX II

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL MODEL

JANUARY, 1979

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
.OPT16+	468	I	POPULATION, GROWTH RATE, TOTAL, SIXTEEN YEARS AND OVER	PERCENT	TRANSFORMATION
CCAACPS	667	E	CAPITAL CONSUMPTION ADJUSTMENT, CORPORATE PROFITS AND IVA	BILL CURRENT $	SCB 1,13
CCAAYFUTB$	665	E	CAPITAL CONSUMPTION ADJUSTMENT, PROPRIETORS' INCOME, NONFARM	BILL CURRENT $	SCB 1,13
CCAAYFUTF$	664	E	CAPITAL CONSUMPTION ADJUSTMENT, PROPRIETORS' INCOME, FARM	BILL CURRENT $	SCB 1,13
CCAAYRENT$	666	E	CAPITAL CONSUMPTION ADJUSTMENT, RENTAL INCOME OF PERSONS	BILL CURRENT $	SCB 1,13
CCARATAG	417	E	DEPRECIATION RATE, FARM	PERCENT	WHARTON E,F,A,
CCARATCO	418	E	DEPRECIATION RATE, COMMERCIAL & OTHER	PERCENT	WHARTON E,F,A,
CCARATMFD24	401	E	DEPRECIATION RATE, LUMBER	PERCENT	WHARTON E,F,A,
CCARATMFD25	402	E	DEPRECIATION RATE, FURNITURE	PERCENT	WHARTON E,F,A,
CCARATMFD32	399	E	DEPRECIATION RATE, STONE, CLAY & GLASS	PERCENT	WHARTON E,F,A,
CCARATMFD33	394	E	DEPRECIATION RATE, PRIMARY METALS	PERCENT	WHARTON E,F,A,
CCARATMFD34	400	E	DEPRECIATION RATE, FABRICATED METAL PRODUCTS	PERCENT	WHARTON E,F,A,
CCARATMFD35	396	E	DEPRECIATION RATE, NONELECTRICAL MACHINERY	PERCENT	WHARTON E,F,A,
CCARATMFD36	395	E	DEPRECIATION RATE, ELECTRICAL MACHINERY	PERCENT	WHARTON E,F,A,
CCARATMFD37SP2	398	E	DEPRECIATION RATE, NONAUTO TRANS EQUIP + ORDNANCE + MISC MFG	PERCENT	WHARTON E,F,A,
CCARATMFD371	397	E	DEPRECIATION RATE, MOTOR VEHICLES	PERCENT	WHARTON E,F,A,
CCARATMFD38	403	E	DEPRECIATION RATE, INSTRUMENTS	PERCENT	WHARTON E,F,A,
CCARATMFN20	404	E	DEPRECIATION RATE, FOOD & BEVERAGES	PERCENT	WHARTON E,F,A,
CCARATMFN21	410	E	DEPRECIATION RATE, TOBACCO	PERCENT	WHARTON E,F,A,
CCARATMFN22	405	E	DEPRECIATION RATE, TEXTILES	PERCENT	WHARTON E,F,A,
CCARATMFN23	411	E	DEPRECIATION RATE, APPAREL	PERCENT	WHARTON E,F,A,
CCARATMFN26	406	E	DEPRECIATION RATE, PAPER	PERCENT	WHARTON E,F,A,
CCARATMFN27	413	E	DEPRECIATION RATE, PRINTING & PUBLISHING	PERCENT	WHARTON E,F,A,
CCARATMFN28	407	E	DEPRECIATION RATE, CHEMICALS	PERCENT	WHARTON E,F,A,
CCARATMFN29	408	E	DEPRECIATION RATE, PETROLEUM	PERCENT	WHARTON E,F,A,
CCARATMFN30	409	E	DEPRECIATION RATE, RUBBER	PERCENT	WHARTON E,F,A,
CCARATMFN31	412	E	DEPRECIATION RATE, LEATHER	PERCENT	WHARTON E,F,A,
CCARATNG	393	E	DEPRECIATION RATE, MINING	PERCENT	WHARTON E,F,A,
CCARATRGC48	416	E	DEPRECIATION RATE, COMMUNICATIONS	PERCENT	WHARTON E,F,A,
CCARATRGT	414	E	DEPRECIATION RATE, TRANSPORTATION	PERCENT	WHARTON E,F,A,
CCARATRGU49	415	E	DEPRECIATION RATE, UTILITIES	PERCENT	WHARTON E,F,A,
CCARATH	990	E	DEPRECIATION RATE, RESIDENTIAL STRUCTURES, MOBILE HOMES	PERCENT	WHARTON E,F,A,
CCARRS1	976	E	DEPRECIATION RATE, RES STRUCTURES, MULTIPLE UNIT	PERCENT	TRANSFORMATION
CCARRS1	969	E	DEPRECIATION RATE, RES STRUCTURES, SINGLE UNITS	PERCENT	TRANSFORMATION
CCAT$	448	I	CAPITAL CONSUMPTION ALLOWANCES WITH CAPITAL CONSUMPTION ADJ	BILL CURRENT $	SCB 1,9
CCATAG$	233	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; AGRICULTURE, FORESTRY & FISH	BILL CURRENT $	BEA WORKFILE
CCATCO$	258	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; COMMERCIAL & OTHER	BILL CURRENT $	TRANSFORMATION
CCATMF$	447	I	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MANUFACTURING	BILL CURRENT $	BEA WORKFILE
CCATMFD$	446	I	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MANUFACTURING; DURABLE	BILL CURRENT $	BEA WORKFILE
CCATMFD24$	245	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, LUMBER & WOOD PROD	BILL CURRENT $	BEA WORKFILE
CCATMFD25$	246	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, FURNITUREKFIXTURES	BILL CURRENT $	BEA WORKFILE
CCATMFD32$	247	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, STONE,CLAY & GLASS	BILL CURRENT $	BEA WORKFILE
CCATMFD33$	248	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, PRIMARY METALS	BILL CURRENT $	BEA WORKFILE
CCATMFD34$	249	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, FABRICATED METALS	BILL CURRENT $	BEA WORKFILE
CCATMFD35$	250	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, NONELEC MACHINERY	BILL CURRENT $	BEA WORKFILE
CCATMFD36$	251	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, ELECTRIC MACHINERY	BILL CURRENT $	BEA WORKFILE
CCATMFD37SP2$	254	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, SIC 372THRU9+19+39	BILL CURRENT $	TRANSFORMATION
CCATMFD371$	252	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, TRANS EQ-MOTOR VEH	BILL CURRENT $	BEA WORKFILE

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
CCATMFD38$	253	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; DUR, INSTRUMENTS & PROD	BILL CURRENT $	BEA WORKFILE
CCATMFD$	485	I	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MANUFACTURING; NONDURALBE	BILL CURRENT $	BEA WORKFILE
CCATMFN20$	235	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, FOOD & BEVERAGE	BILL CURRENT $	BEA WORKFILE
CCATMFN21$	236	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, TOBACCO MFG	BILL CURRENT $	BEA WORKFILE
CCATMFN22$	237	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, TEXTILE MILL	BILL CURRENT $	BEA WORKFILE
CCATMFN23$	238	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, APPAREL & PROD	BILL CURRENT $	BEA WORKFILE
CCATMFN26$	239	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, PAPER & PRODUCT	BILL CURRENT $	BEA WORKFILE
CCATMFN27$	240	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, PRINTING & PUBL	BILL CURRENT $	BEA WORKFILE
CCATMFN28$	241	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, CHEMICALS&PROD	BILL CURRENT $	BEA WORKFILE
CCATMFN29$	242	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, PETROLEUM&PROD	BILL CURRENT $	BEA WORKFILE
CCATMFN30$	243	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, RUBBER&PLASTICS	BILL CURRENT $	BEA WORKFILE
CCATMFN31$	244	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MFG; NONDUR, LEATHER & PROD	BILL CURRENT $	BEA WORKFILE
CCATMG$	230	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; MINING	BILL CURRENT $	BEA WORKFILE
CCATRGC48$	250	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; REG; COMMUNICATIONS	BILL CURRENT $	BEA WORKFILE
CCATRGT$	255	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; REG; TRANSPORTATION	BILL CURRENT $	BEA WORKFILE
CCATRGU49$	257	R	CAP CONS ALLOW, TOTAL, W/O CCA ADJ; REG; ELEC, GAS & SANITARY	BILL CURRENT $	BEA WORKFILE
CE	659	I	PERSONAL CONSUMPTION, TOTAL	BILL CONSTANT $	SCB 2,7 - L001
CE$	539	I	PERSONAL CONSUMPTION, TOTAL	BILL CURRENT $	SCB 1,1
CED	655	I	PERSONAL CONSUMPTION EXPENDITURES, DURABLE GOODS	BILL CONSTANT $	SCB 2,7 - L002
CED$	647	I	PERSONAL CONSUMPTION EXPENDITURES, DURABLE GOODS	BILL CURRENT $	SCB 1,1
CEDA	88	I	PERSONAL CONSUMP EXPEND, DUR GOODS, MOTOR VEHICLES & PARTS	BILL CONSTANT $	SCB 2,7 - L003
CEDA$	636	I	PERSONAL CONSUMP EXPEND, DUR GOODS, MOTOR VEHICLES & PARTS	BILL CURRENT $	SCB 2,3
CEDAP	1050	R	PERSONAL CONSUMP EXPEND, DURABLES, AUTOS&PARTS; TIRES,TUBES&PART	BILL CONSTANT $	SCB 2,7 - L005
CEDAP$	1161	I	PERSONAL CONSUMP EXPEND, DURABLES, AUTOS&PARTS; TIRES,TUBES&PART	BILL CURRENT $	SCB 2,6 - L068
CEDAVH	1053	R	PERS CONSUMP EXPEND, DURABLES, AUTOS & PARTS, NEW CARS	BILL CONSTANT $	SCB 1,17
CEDAVH$	1158	I	PERS CONSUMP EXPEND, DURABLES, AUTOS & PARTS, NEW CARS, DOMESTIC	BILL CURRENT $	SCB 2,6 - L065
CEDAVR+T	1156	R	PERS CONSUMP EXPEND, DUR, AUTOS&PARTS, VEHICLES, REC VEH + TRUCK	BILL CONSTANT $	SCB 2,7 - L006
CEDAVR+T$	1160	I	PERS CONSUMP EXPEND, DUR, AUTOS&PARTS, VEHICLES, REC VEH + TRUCK	BILL CURRENT $	SCB 2,6 - L067
CEDAVR+T/VH	1157	F	RATIO, CON PURCH OF OTHER VEHICLES TO PURCH OF NEW CARS		
CEDAVU	1052	R	PERS CONSUMP EXPEND, DURABLES, AUTOS & PARTS, USED CARS, TOTAL	BILL CONSTANT $	SCB 1,17
CEDAVU$	1159	I	PERS CONSUMP EXPEND, DURABLES, AUTOS & PARTS, USED CARS, TOTAL	BILL CURRENT $	SCB 2,6 - L066
CEDF	89	R	PERSONAL CONSUMP EXPEND, DUR GOODS, FURNITURE & HSHOLD EQUIP	BILL CONSTANT $	SCB 2,7 - L007
CEDF$	637	I	PERSONAL CONSUMP EXPEND, DUR GOODS, FURNITURE & HSHOLD EQUIP	BILL CURRENT $	SCB 2,3
CEDO	56	R	PERSONAL CONSUMPTION EXPENDITURES, DURABLE GOODS, OTHER	BILL CONSTANT $	SCB 2,7 - L012
CEDO$	638	I	PERSONAL CONSUMPTION EXPENDITURES, DURABLE GOODS, OTHER	BILL CURRENT $	SCB 2,3
CEN	656	I	PERSONAL CONSUMPTION EXPENDITURES, NONDURABLE GOODS	BILL CONSTANT $	SCB 2,7 - L016
CEN$	648	I	PERSONAL CONSUMPTION EXPENDITURES, NONDURABLE GOODS	BILL CURRENT $	SCB 1,1
CENC	52	R	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, CLOTHING & SHOES	BILL CONSTANT $	SCB 2,7 - L023
CENC$	640	I	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, CLOTHING & SHOES	BILL CURRENT $	SCB 2,3
CENCG3/P	1012	F	PERS CONS EXP, NONDUR, CLOTHING, MILITARY - USING AGG DEFLATOR	BILL CONSTANT $	TRANSFORMATION
CENF	51	R	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, FOOD	BILL CONSTANT $	SCB 2,7 - L017
CENF$	639	I	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, FOOD	BILL CURRENT $	SCB 2,3
CENFG3/P	1011	F	PERS CONS EXP, NONDUR, FOOD, GOVT & FARM - USING AGG DEFLATOR	BILL CONSTANT $	TRANSFORMATION
CENG	53	R	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, GASOLINE AND OIL	BILL CONSTANT $	SCB 2,7 - L027
CENG$	641	I	PERSONAL CONSUMP EXPEND, NONDURABLE GOODS, GASOLINE AND OIL	BILL CURRENT $	SCB 2,6 - L070
CENH	54	R	PERS CONS EXPEND, NONDURABLES, FUEL OIL & COAL + OTHER	BILL CONSTANT $	TRANSFORMATION
CENH$	642	I	PERS CONS EXPEND, NONDURABLES, FUEL OIL & COAL + OTHER	BILL CURRENT $	TRANSFORMATION
CES	657	I	PERSONAL CONSUMPTION EXPENDITURES, SERVICES	BILL CONSTANT $	SCB 2,7 - L037

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
CES	649	I	PERSONAL CONSUMPTION EXPENDITURES, SERVICES	BILL CURRENT $	SCB 1,1
CESH	55	R	PERSONAL CONSUMPTION EXPENDITURES, HOUSING	BILL CONSTANT $	SCB 2,7 - L038
CESHS	643	I	PERSONAL CONSUMPTION EXPENDITURES, HOUSING	BILL CURRENT $	SCB 2,6 - L023
CESO	58	R	PERSONAL CONSUMPTION EXPENDITURES, OTHER	BILL CONSTANT $	SCB 2,7 - L060
CESOS	646	I	PERSONAL CONSUMPTION EXPENDITURES, OTHER	BILL CURRENT $	SCB 2,3
CESOPS$/P	1013	E	PERS CONS EXP, SVCS, EURN W/O PAY BY FIN INTER - USING AGG DEFL	BILL CONSTANT $	TRANSFORMATION
CESS	56	R	PERSONAL CONSUMPTION EXPENDITURES, HOUSEHOLD OPERATION	BILL CONSTANT $	SCB 2,7 - L043
CESSS	644	I	PERSONAL CONSUMPTION EXPENDITURES, HOUSEHOLD OPERATION	BILL CURRENT $	SCB 2,3
CEST	57	R	PERSONAL CONSUMPTION EXPENDITURES, TRANSPORTATION	BILL CONSTANT $	SCB 2,7 - L050
CESTS	645	I	PERSONAL CONSUMPTION EXPENDITURES, TRANSPORTATION	BILL CURRENT $	SCB 2,3
CPAMTS	461	I	CORPORATE PROFITS WITH INVENTORY VALUATION & CAPITAL CONS ADJ	BILL CURRENT $	SCB 1,13
CPDATS	458	I	CORPORATE PROFITS AFTER TAX, TOTAL	BILL CURRENT $	SCB 1,13
CPDBTS	459	I	CORPORATE PROFITS BEFORE TAX, TOTAL	BILL CURRENT $	SCB 1,13
DISAV	1051	I	ALL CARS DOM + FOR TOTAL SCRAPPAGE, YEAR END	MILL VEHICLES	TRANSFORMATION
DISAVEXP	1056	I	EXPECTED SCRAPPAGE OF CARS	MILLION VEHICLES	TRANSFORMATION
DUMAUTOCA	796	E	DUMMY, CANADIAN AMERICAN AUTO AGREEMENT		WHARTON E.F.A.
DUMAUTOS	1045	E	DUMMY, AUTO STRIKE		WHARTON E.F.A.
DUMAUTOS70	675	E	DUMMY, 1970-1971 AUTO STRIKE		WHARTON E.F.A.
DUMCCA	444	E	DUMMY, CAPITAL CONSUMPTION ALLOWANCES, 1962 TAX LAW CHANGE		WHARTON E.F.A.
DUMDOCK	820	E	DUMMY, DOCK STRIKES		WHARTON E.F.A.
DUMEXPO	825	E	DUMMY, CANADIAN EXPOSITION (1967 = 1., =0 OTHERWISE)		WHARTON E.F.A.
DUMFRMCDC	519	E	DUMMY, CERTIFICATES OF DEPOSIT		WHARTON E.F.A.
DUMFRMCDCOFF	520	E	DUMMY, FOR LIFTING OF REG Q ON CD'S		WHARTON E.F.A.
DUMIPW1	918	E	DUMMY, SHIFT IN IND'L PROD,VALUE ADDED WEIGHT, 47-66=1.		WHARTON E.F.A.
DUMIPW2	919	E	DUMMY, SHIFT IN IND'L PROD, VALUE ADDED WEIGHT, 67- =1.		WHARTON E.F.A.
DUMITL	675	E	DUMMY, USER COST, LONG AMENDMENT		WHARTON E.F.A.
DUMPRO	419	E	DUMMY, PRODUCTIVITY		WHARTON E.F.A.
DUMPXMED25	263	E	DUMMY, SECTOR PRICE, FURNITURE		WHARTON E.F.A.
DUMPXMED20	260	E	DUMMY, SECTOR PRICE, FOOD & BEVERAGES		WHARTON E.F.A.
DUMPXMED22	261	E	DUMMY, SECTOR PRICE, TEXTILES		WHARTON E.F.A.
DUMPXMED26	262	E	DUMMY, SECTOR PRICE, PAPER		WHARTON E.F.A.
DUMSPREAD	971	I	DUMMY, FOR SPREAD BETWEEN LONG (FRMCS) & SHORT (FRMCP4M) RATES		TRANSFORMATION
DUMSTLS	672	E	DUMMY, STEEL STRIKE		WHARTON E.F.A.
DUMSTPMED25	423	E	DUMMY, WORK STOPPAGES, FURNITURE		WHARTON E.F.A.
DUMSTPMED37SP2	422	E	DUMMY, WORK STOP, NONAUTO TRANS EQ+ORD&MISC MFG		WHARTON E.F.A.
DUMSTPMED26	424	E	DUMMY, WORK STOPPAGES, PAPER		WHARTON E.F.A.
DUMSTPMED30	425	E	DUMMY, WORK STOPPAGES, RUBBER		WHARTON E.F.A.
DUMSTPMG	421	E	DUMMY, WORK STOPPAGES, MINING		WHARTON E.F.A.
DUMTIME46	126	E	TIME TREND		WHARTON E.F.A.
DUMTRIOPO	776	E	DUMMY, FOR INTRODUCTION OF MEDICARE AND MEDICAID		WHARTON E.F.A.
DUMTXCRAUTO	473	E	DUMMY FOR ELIMINATING THE EXCISE TAX ON AUTOS		WHARTON E.F.A.
DUMTXCR65	472	E	DUMMY FOR THE MAJOR CHANGES IN EXCISE TAX LAWS IN 1965		WHARTON E.F.A.
DUMTXCPE65	963	E	DUMMY, WITHHOLDING RATE EFFECT OF 1964 TAX LAW CHANGE		WHARTON E.F.A.
DUMTXCPE69	964	E	DUMMY, PERSONAL FEDERAL TAX SURCHARGE		WHARTON E.F.A.
DUMTXCPE72	965	E	DUMMY, OVER WITHHOLDING ON FEDERAL PERSONAL TAXES		WHARTON E.F.A.
DUMTXCPE73	966	E	DUMMY, REBATE ERROR OVER WITHHOLDING IN 1972		WHARTON E.F.A.
DUMTXPE47.71	515	E	DUMMY, LIBERALIZATION TO STANDARD DEDUCTION FOR INDIVID TAXES		WHARTON E.F.A.
DUMTXPE64.69	965	E	DUMMY FOR TAX INCOME ALLOWANCE		WHARTON E.F.A.

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
DUMTXPE70,71	510	E	DUMMY FOR NEW LOW INCOME ALLOWANCE		WHARTON E,F,A,
DUMTXPE71	514	E	DUMMY, TRANSITION YEAR FOR LIBERALIZED STANDARD DEDUCTION LAW		WHARTON E,F,A,
DUMWAR	420	E	DUMMY, WAR		WHARTON E,F,A,
DUMWGMED53	165	E	DUMMY, WAGE RATE, PRIMARY METALS		WHARTON E,F,A,
DUMWGMED21	166	E	DUMMY, WAGE RATE, TOBACCO		WHARTON E,F,A,
DUM70-74	975	E	DUMMY, SHIFT IN SHARE OF MULTI-UNIT HOUSING STARTS TO TOTAL		WHARTON E,F,A,
FCUR	508	R	MONEY SUPPLY, CURRENCY COMPONENT (DECEMBER)	BILL CURRENT $	FRB A-12
FDMDD$	507	R	COMMERCIAL BANKS, DEPOSITS, PRIVATE DEMAND (DECEMBER)	BILL CURRENT $	FRB A-12
FDRTS	509	R	COMMERCIAL BANKS, DEPOSITS, TIME AND SAVINGS (DECEMBER)	BILL CURRENT $	FRB A-12
FM2$	521	I	MONEY SUPPLY, EXTENDED, INCLUDING TOTAL TIME DEPOSITS	BILL CURRENT $	TRANSFORMATION
FRES$A	516	E	FREE RESERVES, MEMBER BANKS	BILL CURRENT $	TRANSFORMATION
FRES$A	524	I	RESERVES, NON BORROWED	BILL CURRENT $	TRANSFORMATION
FRES$A	522	I	REQUIRED RESERVES	BILL CURRENT $	FRB A-4
FRTMPF	512	E	INTEREST RATE, EFFECTIVE, ON PASSBOOK SAVINGS AT COMMERCIAL BANK	%/ANNUM	FRB-UNPUBLISHED
FRTMDC	518	E	MAXIMUM RATE PAYABLE, $100,000 & OVER NEGOTIABLE CD'S		FRB A-8
FRTCP4M	510	R	PRIME COMMERCIAL PAPER 4-6 MONTHS	PERCENT	FRB A-27
FRTCS	511	R	BOND RATE, TOTAL	PERCENT	FRB A-28
FRTCSI	513	R	BOND RATE, INDUSTRIAL	PERCENT	FRB A-28
FRTCSR	515	R	BOND RATE, RAIL	PERCENT	FRB A-28
FRTCSU	514	R	BOND RATE, UTILITIES	PERCENT	FRB A-28
FRTNFRB	517	E	DISCOUNT RATE, FEDERAL RESERVE BANK	PERCENT	76 ERP TABLE B57
FRTFD3M	849	E	INTEREST RATE, 3-MONTH EURO-DOLLARS	%/ANNUM	FRB H,9
FRTMSF	987	R	INTEREST RT, HOME MORTGAGE, AVG EFFECTIVE, FOR NEWLY BUILT HOMES	PERCENT	FHLBB NEWS
FRRED+T	523	E	EFFECTIVE RESERVE REQUIREMENT RATIO	PERCENT	TRANSFORMATION
FSECT	850	R	U.S. TRADE LIQUIDITY, EXTERNAL CLAIMS HELD BY U.S. ON FOREIGNERS	BILL CURRENT $	IFS-IMF LINE 6D
FSELT	824	R	U.S. TRADE LIQUIDITY, EXTERNAL LIABILITIES HELD BY FOREIGN ON US	BILL CURRENT $	IFS-IMF LINE 4D
GNP	127	I	GROSS NATIONAL PRODUCT	BILL CONSTANT $	SCB 1,2
GNP$	574	I	GROSS NATIONAL PRODUCT	BILL CURRENT $	SCB 1,1
GNPPC	1334	I	PER CAPITA REAL GROSS NATIONAL PRODUCT	THOU 1972$/PERSO	TRANSFORMATION
GNPPP	1308	I	REAL OUTPUT PER PERSON, ALL INDUSTRIES	THOU 1972$ /PERS	TRANSFORMATION
GVEF$	546	I	FEDERAL GOVT EXPENDITURES, TOTAL	BILL CURRENT $	SCB 3,2
GVES$	549	I	STATE AND LOCAL GOVERNMENT EXPENDITURES, TOTAL	BILL CURRENT $	SCB 3,4
GVGIA$	544	E	FED GOVT EXPEND, GRANTS-IN-AID TO STATE & LOCAL GOVERNMENTS	BILL CURRENT $	SCB 3,2
GVPF	793	I	GOVERNMENT PURCHASES OF GOODS AND SERVICES, FEDERAL	BILL CONSTANT $	SCB 1,2
GVPF$	545	I	FED GOVT EXPEND, PURCHASES OF GOODS & SERVICES, TOTAL	BILL CURRENT $	SCB 3,2
GVPF/HEFTIGVF	943	E	GOVERNMENT PURCHASES PER EMPLOYEE, FEDERAL	THOU CONSTANT $	TRANSFORMATION
GVPFD	88	E	GOVERNMENT PURCHASES OF GOODS AND SERVICES, FEDERAL, DEFENSE	BILL CONSTANT $	TRANSFORMATION
GVPFD$	608	I	FED GOVT EXPEND, PURCHASES OF GOODS & SERVICES, NAT'L DEFENSE	BILL CURRENT $	SCB 3,2
GVPFD	89	E	GOVERNMENT PURCHASES OF GOODS AND SERVICES, FEDERAL, NONDEFENSE	BILL CONSTANT $	TRANSFORMATION
GVPFD$	609	I	FED GOVT EXPEND, PURCHASES OF GOODS & SERVICES, NONDEFENSE	BILL CURRENT $	SCB 3,2
GVPS	792	I	GOVERNMENT PURCHASES OF GOODS AND SERVICES, STATE & LOCAL	BILL CONSTANT $	SCB 1,2
GVPS$	550	I	STATE&LOCAL GOVT EXPENDITURES, PURCHASES OF GOODS & SERVICES	BILL CURRENT $	SCB 3,4
GVPS/HEFTIGVS	944	E	GOVERNMENT PURCHASES PER EMPLOYEE, ST & LOCAL	THOU CONSTANT $	TRANSFORMATION
GVPSOED	90	E	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, EDUCATION	BILL CONSTANT $	TRANSFORMATION
GVPSOED$	610	I	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, EDUCATION	BILL CURRENT $	SCB 3,14
GVPSOH&W	91	E	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, HEALTH,LABOR&WELFARE	BILL CONSTANT $	TRANSFORMATION
GVPSOH&W$	611	I	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, HEALTH,LABOR&WELFARE	BILL CURRENT $	TRANSFORMATION
GVPSOPSC	92	E	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, CIVILIAN SAFETY	BILL CONSTANT $	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
GVPSOHEC$	612	I	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, CIVILIAN SAFETY	BILL CURRENT $	SCB 3,14
GVPSORES	93	E	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, OTHER	BILL CONSTANT $	TRANSFORMATION
GVPSORES$	613	I	ST&LOCAL GOVT EXPEND, PURCH, NON-DEFENSE, OTHER	BILL CURRENT $	TRANSFORMATION
GVPT	650	I	GOVERNMENT PURCHASES OF GOODS AND SERVICES, TOTAL	BILL CONSTANT $	SCB 1,2
GVPT$	614	I	GOVERNMENT PURCHASES OF GOODS AND SERVICES, TOTAL	BILL CURRENT $	SCB 1,1
GVRE$	541	I	FEDERAL GOVERNMENT RECEIPTS, TOTAL	BILL CURRENT $	SCB 3,2
GVRS$	508	I	STATE & LOCAL GOVERNMENT RECEIPTS, TOTAL	BILL CURRENT $	SCB 3,4
GVSUBT$	478	I	SUBSIDIES LESS CURRENT SURPLUS OF GOVERNMENT ENTERPRISES	BILL CURRENT $	SCB 1,9
GVSUBTE$	479	E	FED GOVT EXPEND, SUBSIDIES LESS CURRENT SURPLUS, GOVT ENTS	BILL CURRENT $	SCB 3,2
GVSUBTS$	480	E	ST & LOCAL GOVT EXPEND, SUBSIDIES LESS CURRENT SURPLUS GOVT ENTS	BILL CURRENT $	SCB 3,4
GVSURPE$	547	I	FEDERAL GOVT, SURPLUS (+) OR DEFICIT (-), NIA BASIS	BILL CURRENT $	SCB 3,2
GVSURPS$	475	I	ST & LOCAL GOVT, SURPLUS (+) OR DEFICIT (-), NIA BASIS	BILL CURRENT $	SCB 3,4
HDPP4H	986	I	DISCARDS FROM STOCK, RES HOUSING UNITS, MOBILE HOMES	THOUSANDS	TRANSFORMATION
HDRTOS4	982	E	DISCARD RATE, HOUSING UNITS, MULTI-UNIT STRUCTURES	PERCENT	TRANSFORMATION
HDRTOS1	979	E	DISCARD RATE, HOUSING UNITS, SINGLE UNIT STRUCTURES	PERCENT	TRANSFORMATION
HDTOS4	983	I	DISCARDS FROM STOCK, HOUSING UNITS, MULTI-UNIT STRUCTURES	THOUSANDS	TRANSFORMATION
HDTOS1	980	I	DISCARDS FROM STOCK, HOUSING UNITS, SINGLE UNIT STRUCTURES	THOUSANDS	TRANSFORMATION
HORTV	932	R	RENTAL HOUSING UNITS, VACANT, AS % OF YEAR-ROUND UNITS ON MARKET	PERCENT	HOUSING REP H111
HSPP	780	I	PRIVATE NEW HOUSING UNITS STARTED, FARM AND NONFARM, TOTAL	THOUSANDS	CENSUS REP C-20
HSPRF	782	E	PRIVATE NEW HOUSING UNITS STARTED, FARM	THOUSANDS	TRANSFORMATION
HSPRH	985	R	MOBILE HOMES, MFGS' SHIPMENTS TO DEALERS	THOUSANDS	CONSTRUC REV B-7
HSPRI	781	I	NEW NON FARM PRIVATE HOUSING STARTS	THOUSANDS	TRANSFORMATION
HSPRS4	779	R	PRIVATE NEW HOUSING UNITS STARTED,FARM AND NONFARM,MULT. UNITS	THOUSANDS	TRANSFORMATION
HSPRS1	778	R	PRIVATE NEW HOUSING UNITS STARTED,FARM AND NONFARM,SINGLE UNIT	THOUSANDS	CENSUS REP C-20
HSPUS4	984	E	NEW HOUSING UNITS STARTED, PUBLIC, MULTI-UNIT STRUCTURES	THOUSANDS	TRANSFORMATION
HSPUS1	981	E	NEW HOUSING UNITS STARTED, PUBLIC, SINGLE UNIT STRUCTURES	THOUSANDS	CENSUS REP C-20
IA+AG	1436	I	INVESTMENT, NEW PLANT & EQUIPMENT, INCL FARM	BILL CONSTANT $	TRANSFORMATION
IA+AG$	1434	I	INVESTMENT, NEW PLANT & EQUIPMENT, INCL FARM	BILL CURRENT $	TRANSFORMATION
IAAG	567	R	INVESTMENT, NONRESIDENTIAL, STRUCTURES & EQUIPMENT, FARM	BILL CONSTANT $	TRANSFORMATION
IAAG+HERE	59	I	INVESTMENT, FIXED, TOTAL, FARM (RESIDENTIAL + NONRESIDENTIAL)	BILL CONSTANT $	TRANSFORMATION
IAAG+HERE$	599	I	INVESTMENT, FIXED, TOTAL, FARM (RESIDENTIAL + NONRESIDENTIAL)	BILL CURRENT $	TRANSFORMATION
IAAG$	568	I	INVESTMENT, NONRESIDENTIAL, STRUCTURES & EQUIPMENT, FARM	BILL CURRENT $	BEA-UNPUBLISHED
IACD	1339	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), COMMERCIAL AND OTHER	BILL CONSTANT $	TRANSFORMATION
IACD$	1437	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), COMMERCIAL AND OTHER	BILL CURRENT $	BEA SEC SURVEY
IACO	569	I	INVESTMENT, COMMERCIAL & OTHER, INCL STAT DIFF OF NIA VS BEA-SEC	BILL CONSTANT $	TRANSFORMATION
IACO+BER	84	I	INVESTMENT, COMMERCIAL & OTHER, INCL NONFARM RES & STAT DIFF	BILL CONSTANT $	TRANSFORMATION
IACO+BER$	602	I	INVESTMENT, COMMERCIAL & OTHER, INCL NONFARM RES & STAT DIFF	BILL CURRENT $	TRANSFORMATION
IACO$	570	I	INVESTMENT, COMMERCIAL & OTHER, INCL STAT DIFF OF NIA VS BEA-SEC	BILL CURRENT $	TRANSFORMATION
IAMF	1183	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MANUFACTURING, TOTAL	BILL CONSTANT $	TRANSFORMATION
IAMF$	1184	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MANUFACTURING, TOTAL	BILL CURRENT $	BEA SEC SURVEY
IAMFD	1185	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MANUFACTURING, DURABLES	BILL CONSTANT $	TRANSFORMATION
IAMFD$	1141	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MANUFACTURING, DURABLES	BILL CURRENT $	BEA SEC SURVEY
IAMFD24	68	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; LUMBER&WOOD PROD	BILL CONSTANT $	TRANSFORMATION
IAMFD24$	583	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; LUMBER&WOOD PROD	BILL CURRENT $	BEA SEC SURVEY
IAMFD25	69	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR;FURNITURE&FIXTURE	BILL CONSTANT $	TRANSFORMATION
IAMFD25$	590	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR;FURNITURE&FIXTURE	BILL CURRENT $	BEA SEC SURVEY
IAMFD32	66	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; STONE,CLAY&GLASS	BILL CONSTANT $	TRANSFORMATION
IAMFD32$	581	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; STONE,CLAY&GLASS	BILL CURRENT $	BEA SEC SURVEY

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
IAMFD33	61	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; PRIMARY METALS	BILL CONSTANT $	TRANSFORMATION
IAMFD33$	576	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; PRIMARY METALS	BILL CURRENT $	BEA SEC SURVEY
IAMFD34	67	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; FABRICATED METAL	BILL CONSTANT $	TRANSFORMATION
IAMFD34$	582	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; FABRICATED METAL	BILL CURRENT $	BEA SEC SURVEY
IAMFD35	63	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; NONELEC MACHINE	BILL CONSTANT $	TRANSFORMATION
IAMFD35$	578	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; NONELEC MACHINE	BILL CURRENT $	BEA SEC SURVEY
IAMFD36	62	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG,DUR; ELEC MACHINERY	BILL CONSTANT $	TRANSFORMATION
IAMFD36$	577	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG,DUR; ELEC MACHINERY	BILL CURRENT $	BEA SEC SURVEY
IAMFD37SP2	65	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG,DUR; SIC'S 372,9+19+39	BILL CONSTANT $	TRANSFORMATION
IAMFD37SP2$	580	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG,DUR; SIC'S 372,9+19+39	BILL CURRENT $	TRANSFORMATION
IAMFD371	64	R	INVEST, NEW PLANT&EQUIP(BEA-SEC), MFG,DUR; TRANS EQ, MOTOR VEH	BILL CONSTANT $	TRANSFORMATION
IAMFD371$	579	I	INVEST, NEW PLANT&EQUIP(BEA-SEC), MFG,DUR; TRANS EQ, MOTOR VEH	BILL CURRENT $	BEA SEC SURVEY
IAMFD38	70	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; INSTRUMENTS&PROD	BILL CONSTANT $	TRANSFORMATION
IAMFD38$	585	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, DUR; INSTRUMENTS&PROD	BILL CURRENT $	BEA SEC SURVEY
IAMFN	1180	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MANUFACTURING, NONDURABLES	BILL CONSTANT $	TRANSFORMATION
IAMFN$	1182	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MANUFACTURING, NONDURABLE	BILL CURRENT $	BEA SEC SURVEY
IAMFN20	71	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; FOOD&BEVERAGE	BILL CONSTANT $	TRANSFORMATION
IAMFN20$	586	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; FOOD&BEVERAGE	BILL CURRENT $	BEA SEC SURVEY
IAMFN21	77	F	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; TOBACCO MFG	BILL CONSTANT $	TRANSFORMATION
IAMFN21$	592	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; TOBACCO MFG	BILL CURRENT $	BEA SEC SURVEY
IAMFN22	72	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; TEXTILE MILL	BILL CONSTANT $	TRANSFORMATION
IAMFN22$	587	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; TEXTILE MILL	BILL CURRENT $	BEA SEC SURVEY
IAMFN23	78	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; APPAREL&PROD	BILL CONSTANT $	TRANSFORMATION
IAMFN23$	593	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; APPAREL&PROD	BILL CURRENT $	BEA SEC SURVEY
IAMFN26	73	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; PAPER & PROD	BILL CONSTANT $	TRANSFORMATION
IAMFN26$	588	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; PAPER & PROD	BILL CURRENT $	BEA SEC SURVEY
IAMFN27	80	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; PRINTING&PUBL	BILL CONSTANT $	TRANSFORMATION
IAMFN27$	595	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; PRINTING&PUBL	BILL CURRENT $	BEA SEC SURVEY
IAMFN28	74	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; CHEMICALS	BILL CONSTANT $	TRANSFORMATION
IAMFN28$	589	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; CHEMICALS	BILL CURRENT $	BEA SEC SURVEY
IAMFN29	75	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR;PETROLEUM&COAL	BILL CONSTANT $	TRANSFORMATION
IAMFN29$	590	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR;PETROLEUM&COAL	BILL CURRENT $	BEA SEC SURVEY
IAMFN30	76	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR;RUBBER&PLASTIC	BILL CONSTANT $	TRANSFORMATION
IAMFN30$	591	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR;RUBBER&PLASTIC	BILL CURRENT $	BEA SEC SURVEY
IAMFN31	79	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; LEATHER&PROD	BILL CONSTANT $	TRANSFORMATION
IAMFN31$	594	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MFG, NONDUR; LEATHER&PROD	BILL CURRENT $	BEA SEC SURVEY
IAMG	60	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MINING	BILL CONSTANT $	TRANSFORMATION
IAMG$	575	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), MINING	BILL CURRENT $	BEA SEC SURVEY
IARGC48	85	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), REGULATED, COMMUNICATIONS	BILL CONSTANT $	TRANSFORMATION
IARGC48$	598	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), REGULATED, COMMUNICATIONS	BILL CURRENT $	BEA SEC SURVEY
IARGT	81	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), REGULATED, TRANSPORTATION	BILL CONSTANT $	TRANSFORMATION
IARGT$	596	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), REGULATED, TRANSPORTATION	BILL CURRENT $	TRANSFORMATION
IARGU49	82	R	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), REGULATED, PUBLIC UTILITY	BILL CONSTANT $	TRANSFORMATION
IARGU49$	597	I	INVESTMENT, NEW PLANT&EQUIP(BEA-SEC), REGULATED, PUBLIC UTILITY	BILL CURRENT $	BEA SEC SURVEY
IBA	1348	R	INVESTMENT, NONRESIDENTIAL CONCEPTUAL DIFFERENCE, OBESEC VS, NIA	BILL CONSTANT $	TRANSFORMATION
IBA$	1454	I	INVESTMENT, NONRESIDENTIAL, CONCEPTUAL DIFF, BEA-SEC VS, NIA	BILL CURRENT $	TRANSFORMATION
IBF	651	I	INVESTMENT, FIXED	BILL CONSTANT $	SCR 1,2
IBF$	604	I	INVESTMENT, FIXED	BILL CURRENT $	SCR 1,1

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
IBRC	662	I	INVESTMENT, FIXED, NONRESIDENTIAL	BILL CONSTANT $	SCB 1,2
IBRCN	605	I	INVESTMENT, FIXED, NONRESIDENTIAL	BILL CURRENT $	SCB 1,1
IBRR	661	I	INVESTMENT, FIXED, RESIDENTIAL	BILL CONSTANT $	SCB 1,2
IBRRN	603	I	INVESTMENT, FIXED, RESIDENTIAL	BILL CURRENT $	SCB 1,1
IBRRE	790	E	INVESTMENT, FIXED, RESIDENTIAL, PRODUCERS' DURABLE EQUIPMENT	BILL CONSTANT $	SCB 1,2
IBRRE$	671	I	INVESTMENT, FIXED, RESIDENTIAL, PRODUCERS' DURABLE EQUIPMENT	BILL CURRENT $	SCB 1,1
IBRRF	571	E	INVESTMENT, FIXED, RESIDENTIAL, FARM STRUCTURES	BILL CONSTANT $	SCB 1,2
IBRRF$	572	I	INVESTMENT, FIXED, RESIDENTIAL, FARM STRUCTURES	BILL CURRENT $	SCB 1,1
IBRRH	600	I	INVESTMENT, FIXED, RESIDENTIAL, NONFARM STRUCTURES	BILL CONSTANT $	SCB 1,2
IBRRH$	601	I	INVESTMENT, FIXED, RESIDENTIAL, NONFARM STRUCTURES	BILL CURRENT $	SCB 1,1
IBRRXDIF-76	785	A	CONCEPTUAL DIFF, NIA RES INVESTMENT VS. VALUE PUT IN PLACE	BILL CONSTANT $	TRANSFORMATION
IBIF	788	E	CHANGE IN BUSINESS INVENTORIES, FARM	BILL CONSTANT $	SCB 1,2
IBIH	787	I	CHANGE IN BUSINESS INVENTORIES, NONFARM	BILL CONSTANT $	SCB 1,2
IBIMF	777	I	CHANGE IN BUSINESS INVENTORIES, NONFARM, MANUFACTURING	BILL CONSTANT $	TRANSFORMATION
IBIOM	481	A	CHANGE IN BUSINESS INVENTORIES, NONFARM, NON-MFG & NON-AUTO	BILL CONSTANT $	TRANSFORMATION
IBIT	85	I	CHANGE IN BUSINESS INVENTORIES, TOTAL	BILL CONSTANT $	SCB 1,2
IBITN	606	A	CHANGE IN BUSINESS INVENTORIES, TOTAL	BILL CURRENT $	SCB 1,1
IBITDAV	786	I	CHANGE IN INVENTORIES OF (DEALERS') NEW AND USED AUTOS	BILL CONSTANT $	SCB 1,17
IBT	789	I	INVESTMENT, GROSS PRIVATE DOMESTIC	BILL CONSTANT $	SCB 1,2
IBTN	607	I	INVESTMENT, GROSS PRIVATE DOMESTIC	BILL CURRENT $	SCB 1,1
IP	920	A	FRB INDUSTRIAL PRODUCTION INDEX, TOTAL	1967 = 100.	FRB G,12,3
IPM	921	A	FRB INDUSTRIAL PRODUCTION INDEX, MANUFACTURING	1967 = 100.	FRB G,12,3
IPMD	923	A	FRB INDUSTRIAL PRODUCTION INDEX, MANUFACTURING, DURABLES	1967 = 100.	FRB G,12,3
IPMN	924	A	FRB INDUSTRIAL PRODUCTION INDEX, MANUFACTURING, NONDURABLES	1967 = 100.	FRB G,12,3
IPMG	925	A	FRB INDUSTRIAL PRODUCTION INDEX, MINING	1967 = 100.	FRB G,12,3
IPMG49	922	A	FRB INDUSTRIAL PRODUCTION INDEX, MINING AND UTILITIES	1967 = 100.	FRB G,12,3
IPUG49	926	A	FRB INDUSTRIAL PRODUCTION INDEX, UTILITIES	1967 = 100.	FRB G,12,3
ITRAAG	760	E	INVESTMENT TAX CREDIT RATE, FARM	PERCENT	TRANSFORMATION
ITRAC1	1458	E	INVESTMENT TAX CREDIT RATE, COMMERCIAL + OTHER	PERCENT	TRANSFORMATION
ITRAED24	664	E	INVESTMENT TAX CREDIT RATE, LUMBER	PERCENT	TRANSFORMATION
ITRAED25	685	E	INVESTMENT TAX CREDIT RATE, FURNITURE	PERCENT	TRANSFORMATION
ITRAED32	682	E	INVESTMENT TAX CREDIT RATE, STONE, CLAY + GLASS	PERCENT	TRANSFORMATION
ITRAED33	677	E	INVESTMENT TAX CREDIT RATE, PRIMARY METALS	PERCENT	TRANSFORMATION
ITRAED34	683	E	INVESTMENT TAX CREDIT RATE, FABRICATED METAL PRODUCTS	PERCENT	TRANSFORMATION
ITRAED35	679	E	INVESTMENT TAX CREDIT RATE, NONELECTRICAL MACHINERY	PERCENT	TRANSFORMATION
ITRAED36	678	E	INVESTMENT TAX CREDIT RATE, ELECTRICAL MACHINERY	PERCENT	TRANSFORMATION
ITRAED37SP2	681	E	INVESTMENT TAX CREDIT RATE, NONAUTO TRANS EQUIP + ORD + MISC MFG	PERCENT	TRANSFORMATION
ITRAED371	680	E	INVESTMENT TAX CREDIT RATE, MOTOR VEHICLES	PERCENT	TRANSFORMATION
ITRAED38	686	E	INVESTMENT TAX CREDIT RATE, INSTRUMENTS	PERCENT	TRANSFORMATION
ITRAED20	687	E	INVESTMENT TAX CREDIT RATE, FOOD + BEVERAGES	PERCENT	TRANSFORMATION
ITRAED21	693	E	INVESTMENT TAX CREDIT RATE, TOBACCO	PERCENT	TRANSFORMATION
ITRAED22	688	E	INVESTMENT TAX CREDIT RATE, TEXTILES	PERCENT	TRANSFORMATION
ITRAED23	690	E	INVESTMENT TAX CREDIT RATE, APPAREL	PERCENT	TRANSFORMATION
ITRAED26	689	E	INVESTMENT TAX CREDIT RATE, PAPER	PERCENT	TRANSFORMATION
ITRAED27	696	E	INVESTMENT TAX CREDIT RATE, PRINTING + PUBLISHING	PERCENT	TRANSFORMATION
ITRAED28	698	E	INVESTMENT TAX CREDIT RATE, CHEMICALS	PERCENT	TRANSFORMATION
ITRAED29	691	E	INVESTMENT TAX CREDIT RATE, PETROLEUM	PERCENT	TRANSFORMATION
ITRAED30	692	E	INVESTMENT TAX CREDIT RATE, RUBBER	PERCENT	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
ITRAMED31	695	E	INVESTMENT TAX CREDIT RATE, LEATHER	PERCENT	TRANSFORMATION
ITRAMG	676	E	INVESTMENT TAX CREDIT RATE, MINING	PERCENT	TRANSFORMATION
ITRARGCOM	699	E	INVESTMENT TAX CREDIT RATE, COMMUNICATIONS	PERCENT	TRANSFORMATION
ITRARGT	697	E	INVESTMENT TAX CREDIT RATE, TRANSPORTATION	PERCENT	TRANSFORMATION
ITRARGUTI	698	E	INVESTMENT TAX CREDIT RATE, UTILITIES	PERCENT	TRANSFORMATION
IVACR	452	R	INVENTORY VALUATION ADJUSTMENT, CORPORATE PROFITS	BILL CURRENT $	SCB 1,13
IVANF	456	R	INVENTORY VALUATION ADJUSTMENT, NONFARM PROPRIETORS' INCOME	BILL CURRENT $	SCB 1,13
KCED	1018	I	STOCK, CONSUMER DURABLES	BILL CONSTANT $	TRANSFORMATION
KCEDA	1019	I	STOCK, CONSUMER DURABLES	BILL CURRENT $	TRANSFORMATION
KCEDA	670	I	STOCK, AUTOS AND PARTS	BILL CONSTANT $	TRANSFORMATION
KHU	1000	I	STOCK, RESIDENTIAL HOUSING UNITS, TOTAL, INCL MOBILE HOMES	THOUSANDS	TRANSFORMATION
KHUM	977	R	STOCK, RESIDENTIAL HOUSING UNITS, MULTI UNIT STRUCTURES	THOUSANDS	TRANSFORMATION
KHUMH	999	I	STOCK, RESIDENTIAL HOUSING UNITS, MOBILE HOMES	THOUSANDS	TRANSFORMATION
KHU1	978	R	STOCK, RESIDENTIAL HOUSING UNITS, ONE UNIT STRUCTURES	THOUSANDS	TRANSFORMATION
KHU1*2H/KHU	996	R	PERCENT OF OWNER OCCUPIED DWELLINGS TO TOTAL HOUSING STOCK	PERCENT	TRANSFORMATION
KHU1/KHU1+HM	998	R	PERCENT OF SINGLE UNIT DWELLINGS TO TOTAL OWNER OCC HOUSING STK	PERCENT	TRANSFORMATION
KIAAG	391	I	CAPITAL STOCK, FARM	BILL CONSTANT $	TRANSFORMATION
KIACN	1342	I			
KIACO	392	I	CAPITAL STOCK, COMMERCIAL & OTHER	BILL CONSTANT $	TRANSFORMATION
KIAMED24	375	I	CAPITAL STOCK, LUMBER	BILL CONSTANT $	TRANSFORMATION
KIAMED25	376	I	CAPITAL STOCK, FURNITURE	BILL CONSTANT $	TRANSFORMATION
KIAMED32	373	I	CAPITAL STOCK, STONE, CLAY & GLASS	BILL CONSTANT $	TRANSFORMATION
KIAMED33	368	I	CAPITAL STOCK, MANUFACTURING, DURABLE, PRIMARY METALS	BILL CONSTANT $	TRANSFORMATION
KIAMED34	370	I	CAPITAL STOCK, FABRICATED METAL PRODUCTS	BILL CONSTANT $	TRANSFORMATION
KIAMED35	370	I	CAPITAL STOCK, NONELECTRICAL MACHINERY	BILL CONSTANT $	TRANSFORMATION
KIAMED36	369	I	CAPITAL STOCK, ELECTRICAL MACHINERY	BILL CONSTANT $	TRANSFORMATION
KIAMED37SP2	372	I	CAPITAL STOCK, MFG, DUR, NONAUTO TRANS EQUIP+ORDNANCE+MISC MFG	BILL CONSTANT $	TRANSFORMATION
KIAMED371	371	I	CAPITAL STOCK, MOTOR VEHICLES	BILL CONSTANT $	TRANSFORMATION
KIAMED38	377	I	CAPITAL STOCK, INSTRUMENTS	BILL CONSTANT $	TRANSFORMATION
KIAMED20	378	I	CAPITAL STOCK, FOOD & BEVERAGES	BILL CONSTANT $	TRANSFORMATION
KIAMED21	380	I	CAPITAL STOCK, TOBACCO	BILL CONSTANT $	TRANSFORMATION
KIAMED22	379	I	CAPITAL STOCK, TEXTILES	BILL CONSTANT $	TRANSFORMATION
KIAMED23	385	I	CAPITAL STOCK, APPAREL	BILL CONSTANT $	TRANSFORMATION
KIAMED26	386	I	CAPITAL STOCK, PAPER	BILL CONSTANT $	TRANSFORMATION
KIAMED27	387	I	CAPITAL STOCK, PRINTING & PUBLISHING	BILL CONSTANT $	TRANSFORMATION
KIAMED28	381	I	CAPITAL STOCK, CHEMICALS	BILL CONSTANT $	TRANSFORMATION
KIAMED29	382	I	CAPITAL STOCK, PETROLEUM	BILL CONSTANT $	TRANSFORMATION
KIAMED30	383	I	CAPITAL STOCK, RUBBER	BILL CONSTANT $	TRANSFORMATION
KIAMED31	384	I	CAPITAL STOCK, LEATHER	BILL CONSTANT $	TRANSFORMATION
KIAMG	367	I	CAPITAL STOCK, MINING	BILL CONSTANT $	TRANSFORMATION
KIARGCOM	390	I	CAPITAL STOCK, COMMUNICATIONS	BILL CONSTANT $	TRANSFORMATION
KIARGT	388	I	CAPITAL STOCK, TRANSPORTATION	BILL CONSTANT $	TRANSFORMATION
KIARGUTI	389	I	CAPITAL STOCK, UTILITIES	BILL CONSTANT $	TRANSFORMATION
KIHSR	663	I	STOCK, NONFARM RESIDENTIAL STRUCTURES	BILL CONSTANT $	TRANSFORMATION
KINFD	821	I	INVENTORY STOCK, NONFARM	BILL CONSTANT $	SCB 5,10
KINFDM	458	R	INVENTORY STOCK, NONFARM, MANUFACTURING, TOTAL	BILL CONSTANT $	SCB 5,10
KINFDN	455	I	INVENTORY STOCK, NONFARM, NON-MANUFACTURING & NON-AUTO	BILL CONSTANT $	TRANSFORMATION
KINTDAV	453	R	INVENTORY STOCK, (DEALERS') NEW AND USED AUTOS	BILL CONSTANT $	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
KSACARDAV	1037	R	U.S., CARS IN USE, TOTAL, YEAR END	MILL VEHICLES	TRANSFORMATION
KWGOP	304	I	STOCK OF REAL WEALTH	BILL CONSTANT $	TRANSFORMATION
KWYPD	942	I	PERSONAL DISPOSABLE INCOME, NORMAL	BILL CONSTANT $	TRANSFORMATION
KYPDSAVR	1020	I	STOCK OF PERSONAL SAVINGS	BILL CURRENT $	TRANSFORMATION
LNTAG	750	E	TAX LIFE, INVESTMENT, FARM	YEARS	TRANSFORMATION
LNTCN	1440	E	TAX LIFE, INVESTMENT, COMMERCIAL & OTHER	YEARS	TRANSFORMATION
LNTMED24	734	E	TAX LIFE, INVESTMENT, LUMBER	YEARS	TRANSFORMATION
LNTMED25	735	E	TAX LIFE, INVESTMENT, FURNITURE	YEARS	TRANSFORMATION
LNTMED32	732	E	TAX LIFE, INVESTMENT, STONE, CLAY & GLASS	YEARS	TRANSFORMATION
LNTMED33	727	E	TAX LIFE, INVESTMENT, PRIMARY METALS	YEARS	TRANSFORMATION
LNTMED34	733	E	TAX LIFE, INVESTMENT, FABRICATED METAL PRODUCTS	YEARS	TRANSFORMATION
LNTMED35	729	E	TAX LIFE, INVESTMENT, NONELECTRICAL MACHINERY	YEARS	TRANSFORMATION
LNTMED36	728	E	TAX LIFE, INVESTMENT, ELECTRICAL MACHINERY	YEARS	TRANSFORMATION
LNTMED37SP2	731	E	TAX LIFE, INVESTMENT, NONAUTO TRANS EQUIP + ORD + MISC MFG	YEARS	TRANSFORMATION
LNTMED371	730	E	TAX LIFE, INVESTMENT, MOTOR VEHICLES	YEARS	TRANSFORMATION
LNTMED38	736	E	TAX LIFE, INVESTMENT, INSTRUMENTS	YEARS	TRANSFORMATION
LNTMEN20	737	E	TAX LIFE, INVESTMENT, FOOD & BEVERAGES	YEARS	TRANSFORMATION
LNTMEN21	743	E	TAX LIFE, INVESTMENT, TOBACCO	YEARS	TRANSFORMATION
LNTMEN22	738	E	TAX LIFE, INVESTMENT, TEXTILES	YEARS	TRANSFORMATION
LNTMEN23	744	E	TAX LIFE, INVESTMENT, APPAREL	YEARS	TRANSFORMATION
LNTMEN26	739	E	TAX LIFE, INVESTMENT, PAPER	YEARS	TRANSFORMATION
LNTMEN27	746	E	TAX LIFE, INVESTMENT, PRINTING & PUBLISHING	YEARS	TRANSFORMATION
LNTMEN28	740	E	TAX LIFE, INVESTMENT, CHEMICALS	YEARS	TRANSFORMATION
LNTMEN29	741	E	TAX LIFE, INVESTMENT, PETROLEUM	YEARS	TRANSFORMATION
LNTMEN30	742	E	TAX LIFE, INVESTMENT, RUBBER	YEARS	TRANSFORMATION
LNTMEN31	745	E	TAX LIFE, INVESTMENT, LEATHER	YEARS	TRANSFORMATION
LNTNG	726	E	TAX LIFE, INVESTMENT, MINING	YEARS	TRANSFORMATION
LNTRGCAB	749	E	TAX LIFE, INVESTMENT, COMMUNICATIONS	YEARS	TRANSFORMATION
LNTRGT	747	E	TAX LIFE, INVESTMENT, TRANSPORTATION	YEARS	TRANSFORMATION
LNTRGU49	748	E	TAX LIFE, INVESTMENT, UTILITIES	YEARS	TRANSFORMATION
MPG	1168	I	AVG MILES PER GALLON, CITY & HGHY DRVG, NEW CARS	MPG	TRANSFORMATION
MPGAVG	1048	I	AVERAGE MILES PER GALLON, ALL CARS	MILES/GALLON	TRANSFORMATION
MPGC	1186	E	ALL CARS TOTAL CITY DRIVING MILES PER GALLON	MILES PER GAL	TRANSFORMATION
MPGH	1187	E	ALL CARS TOTAL HIGHWAY DRIVING MILES PER GALLON	MILES PER GAL	TRANSFORMATION
MPV	1169	R	ANNUAL MILES DRIVEN BY A CAR	THOUSANDS	TRANSFORMATION
MWR	1526	E	REAL EFFECTIVE MINIMUM WAGE	$ PER HOUR	TRANSFORMATION
NAVRAGE	1055	I	AVERAGE AGE OF THE STOCK OF CARS	YEARS	TRANSFORMATION
NCF	952	E	NUMBER OF U.S. FAMILIES, CENSUS DEFINITION	MILLIONS	CUR POP REP P-20
NCH	967	E	NUMBER OF U.S. HOUSEHOLDS, CENSUS DEFINITION	MILLIONS	CUR POP REP P-20
NCHZKHU	995	R	OCCUPANCY RATE, RESIDENTIAL HOUSING UNITS, INCL MOBILES	PERCENT	TRANSFORMATION
NCU	953	E	NUMBER OF U.S. UNRELATED INDIVIDUALS, CENSUS DEFINTION	MILLIONS	CUR POP REP P-20
NEETICC	1341	R	EMPLOYEES ON CONAG PAYROLLS, CONTRACT CONSTRUCTION	THOUSANDS	EMPLOYREARN-U.S.
NEETICT	1342	I	EMPLOYEES ON CONAG PAYROLLS, COMMERCIAL (= CC + FI + SV + WR)	THOUSANDS	TRANSFORMATION
NEETIDO	228	I	EMPLOYEES ON CONAG PAY, COMMERCL&OTHER-INCL HSHLD VS ESTAR DIFF	THOUSANDS	TRANSFORMATION
NEETIFI	1340	E	EMPLOYEES ON CONAG PAYROLLS, FINANCE, INSURANCE AND REAL ESTATE	THOUSANDS	EMPLOYREARN-U.S.
NEETIGV	836	I	EMPLOYEES ON CONAG PAYROLLS, GOVERNMENT AND GOVT ENTERPRISES	THOUSANDS	EMPLOYREARN-U.S.
NEETIGVF	229	R	EMPLOYEES ON CONAG PAYROLLS, GOVT & GOVT ENTERPRISES, FEDERAL	THOUSANDS	EMPLOYREARN-U.S.
NEETIGVS	225	R	EMPLOYEES ON CONAG PAYROLLS, GOVT & GOVT ENTERPRISES, ST & LOCAL	THOUSANDS	EMPLOYREARN-U.S.

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
NEETTMF	435	I	EMPLOYEES ON NONAGRICULTURAL PAYROLLS, MANUFACTURING	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD	433	I	EMPLOYEES ON NONAGRICULTURAL PAYROLLS, MANUFACTURING, DURABLES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD19	1450	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; ORDNANCE & ACCESSORIES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD24	332	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; LUMBER & WOOD PRODUCTS	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD25	333	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; FURNITURE AND FIXTURES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD32	330	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; STONE, CLAY & GLASS PROD	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD33	326	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; PRIMARY METAL INDUSTRIES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD34	331	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; FABRICATED METAL PRODUCTS	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD35	328	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; MACHINERY, EXC ELECTRICAL	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD36	327	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; ELECTRICAL EQUIP&SUPPLIES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD37SP1	1445	R	EMPLOYEES ON NONAG PAY,DUR; AIRCRAFT, ORDNANCE&OTHER TRAN EQU	THOUSANDS	TRANSFORMATION
NEETTMFD37SP2	335	R	EMPLOYEES ON NONAG PAY, MFG, DUR; NONAUTO TRANS EQ+ORD+MISC MFG	THOUSANDS	TRANSFORMATION
NEETTMFD371	329	R	EMPLOYEES ON NONAG PAY, MFG, DUR; TRANS EQUIP, MOTOR VEH & EQUIP	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD372,9	1451	R	EMPLOYEES ON NONAG PAY, DUR;AIRCRAFT & OTHER TRAN EQUIP	THOUSANDS	TRANSFORMATION
NEETTMFD38	334	R	EMPLOYEES ON NONAG PAY, MFG, DUR; INSTRUMENTS&RELATED PROD	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFD39	1442	R	EMPLOYEES ON NONAG PAYROLLS, MFG, DUR; MISCELLANEOUS MANUFACTURE	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN	434	I	EMPLOYEES ON NONAGRICULTURAL PAYROLLS, MANUFACTURING, NONDURABLE	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN20	336	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; FOOD & KINDRED PROD	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN21	342	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; TOBACCO MANUFACTURES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN22	337	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; TEXTILE MILL PRODUCTS	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN23	343	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; APPAREL&OTHER TEX PROD	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN26	338	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; PAPER & ALLIED PRODUCT	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN27	345	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; PRINTING & PUBLISHING	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN28	339	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; CHEMICALS & PRODUCTS	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN29	340	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; PETROLEUM & COAL PROD	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN30	341	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; RUBBER & PLASTICS, NEC	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMFN31	344	R	EMPLOYEES ON NONAG PAYROLLS, MFG, NONDUR; LEATHER & LEATHER PROD	THOUSANDS	EMPLOY&EARN-U.S.
NEETTMG	325	R	EMPLOYEES ON NONAGRICULTURAL PAYROLLS, MINING	THOUSANDS	EMPLOY&EARN-U.S.
NEETTPV	1332	I	EMPLOYEES ON NONAGRICULTURAL PAYROLLS,ALL PVT SECTOR	THOUSANDS	EMPLOY&EARN-U.S.
NEETTRG	437	I	EMPLOYEES ON NONAGRICULTURAL PAYROLLS, REGULATED=RGC4R+RGT+RGU49	THOUSANDS	EMPLOY&EARN-U.S.
NEETTRGC4R	226	R	EMPLOYEES ON NONAG PAYROLLS, REGULATED, COMMUNICATIONS	THOUSANDS	EMPLOY&EARN-U.S.
NEETTRGT	225	R	EMPLOYEES ON NONAG PAYROLLS, REGULATED, TRANSPORTATION	THOUSANDS	TRANSFORMATION
NEETTRGU49	227	R	EMPLOYEES ON NONAG PAYROLLS, REGULATED, ELEC, GAS & SANITARY SVC	THOUSANDS	EMPLOY&EARN-U.S.
NEETTSV	1345	R	EMPLOYEES ON NONAG PAYROLLS, SERVICE INDUSTRIES	THOUSANDS	EMPLOY&EARN-U.S.
NEETTWW	1346	R	EMPLOYEES ON NONAG PAYROLLS, WHOLESALE AND RETAIL TRADE	THOUSANDS	EMPLOY&EARN-U.S.
NEHA	224	R	CIVILIAN LABOR FORCE, EMPLOYED, AGRICULTURE, AGES 16 YRS & OVER	THOUSANDS	EMPLOY&EARN -JAN
NEHF16,19	1357	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 16 - 19 YEARS OLD	MILLIONS	TRANSFORMATION
NEHF16+	1372	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 16 YRS & OVER	MILLIONS	TRANSFORMATION
NEHF20,24	1358	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 20 - 24 YEARS OLD	MILLIONS	TRANSFORMATION
NEHF25,34	1359	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 25 - 34 YEARS OLD	MILLIONS	TRANSFORMATION
NEHF35,44	1360	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 35 - 44 YEARS OLD	MILLIONS	TRANSFORMATION
NEHF45,54	1361	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 45 - 54 YEARS OLD	MILLIONS	TRANSFORMATION
NEHF55,64	1362	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 55 - 64 YEARS OLD	MILLIONS	TRANSFORMATION
NEHF65+	1363	I	CIVILIAN LABOR FORCE, EMPLOYED, FEMALES, 65 YEARS & OLDER	MILLIONS	TRANSFORMATION
NEHM16,19	1350	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 16 - 19 YEARS OLD	MILLIONS	TRANSFORMATION
NEHM16+	1371	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 16 YRS & OVER	MILLIONS	TRANSFORMATION
NEHM20,24	1351	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 20 - 24 YEARS OLD	MILLIONS	TRANSFORMATION
NEHM25,34	1352	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 25 - 34 YEARS OLD	MILLIONS	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
[illegible]35,44	1353	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 35 - 44 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]45,54	1354	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 45 - 54 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]55,64	1355	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 55 - 64 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]65+	1356	I	CIVILIAN LABOR FORCE, EMPLOYED, MALES, 65 YEARS & OLDER	MILLIONS	TRANSFORMATION
[illegible]SE	1347	E	CIV LABOR FORCE, EMPLOYED, NONAGRICULTURE, SELF-EMPLOYED	THOUSANDS	EMPLOY&EARN -JAN
[illegible]UF	1348	E	CIV LABOR FORCE, EMPLOYED, NONAGRICULTURE, UNPAID FAMILY WORKERS	THOUSANDS	EMPLOY&EARN -JAN
[illegible]S-ET	1349	E	CONCEPTUAL DIFFERENCE, HOUSHOLD VS ESTABLISHMENT EMPLOYMENT DATA	THOUSANDS	TRANSFORMATION
[illegible]T	232	I	CIVILIAN LABOR FORCE, EMPLOYED, TOTAL, AGES 16 YRS AND OVER	THOUSANDS	EMPLOY&EARN -JAN
[illegible]16.19	1364	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 16 - 19 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]20.24	1365	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 20 - 24 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]25.34	1366	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 25 - 34 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]35.44	1367	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 35 - 44 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]45.54	1368	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 45 - 54 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]55.64	1369	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 55 - 64 YEARS OLD	MILLIONS	TRANSFORMATION
[illegible]65+	1370	I	CIVILIAN LABOR FORCE, EMPLOYED, BOTH SEXES, 65 YEARS & OLDER	MILLIONS	TRANSFORMATION
[illegible]MF	438	I	AVG WEEKLY HRS, PRODUCTION WORKERS ON NONAG PAY, MANUFACTURING	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD	440	I	AVG WEEKLY HRS, PRODUCTION WORKERS ON NONAG PAY, MFG, DURABLES	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD24	353	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, DUR; LUMBER&WOOD PROD	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD25	354	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, DUR; FURN & FIXTURES	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD32	351	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, DUR; STONE,CLAY&GLASS	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD33	347	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, DUR; PRIMARY METALS	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD34	352	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, DUR; FABRICATED METAL	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD35	349	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG,DUR; NONELEC MACHINERY	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD36	348	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG,DUR; ELEC MACHINERY	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD37SP2	356	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY,MFG,DUR; SIC'S 372,9+19+39	HOURS/WEEK	TRANSFORMATION
[illegible]MFD371	350	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY,MFG,DUR;TRANS EQ, MOTOR VEH	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFD38	355	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, DUR; INSTRUMENTS&PROD	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN	439	I	AVG WEEKLY HRS, PRODUCTION WORKERS ON NONAG PAY, MFG, NONDURABLE	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN20	357	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; FOOD & PROD	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN21	363	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; TOBACCO MFG	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN22	358	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; TEXTILE MILL	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN23	360	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; APPAREL	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN26	359	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; PAPER & PROD	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN27	366	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; PRINTING&PUBL	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN28	362	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; CHEMICAL&PROD	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN29	361	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR;PETROLEUM&COAL	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN30	362	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR;RUBBER&PLASTIC	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MFN31	365	R	AVG WKLY HRS, PROD WRKR ON NONAG PAY, MFG, NONDUR; LEATHER&PROD	HOURS/WEEK	EMPLOY&EARN-U.S.
[illegible]MG	346	R	AVG WKLY HRS, PROD WRKR ON NONAG PAYROLLS, MINING	HOURS/WEEK	EMPLOY&EARN-U.S.
NLF	442	I	CIVILIAN LABOR FORCE, TOTAL (AGES 16 YEARS & OVER)	MILLIONS	EMPLOY&EARN A-31
NLFFLOCK	1338	I	DIFFERENCE BETWEEN NLF16+ & SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NLFFSTAP	1269	I	CIV LABOR FORCE,FEMALES, SUM OF SUBGROUP	MILLIONS	TRANSFORMATION
NLFF16.19	1222	R	CIV LABOR FORCE, FEMALES, 16-19	MILLIONS	BLS
NLFF16+	426	R	CIV LABOR FORCE, FEMALES, 16 YRS & OVER	MILLIONS	TRANSFORMATION
NLFF20.24	1223	R	CIV LABOR FORCE, FEMALES, 20-24	MILLIONS	BLS
NLFF25.34	1224	R	CIV LABOR FORCE, FEMALES, 25-34	MILLIONS	BLS
NLFF35.44	1225	R	CIV LABOR FORCE, FEMALES, 35-44	MILLIONS	BLS
NLFF45.54	1226	R	CIV LABOR FORCE, FEMALES, 45-54	MILLIONS	BLS

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
NLCF55,64	1227	R	CIV LABOR FORCE, FEMALES, 55-64	MILLIONS	BLS
NLCF65+	1228	R	CIV LABOR FORCE, FEMALES, 65 & OVER	MILLIONS	BLS
NLCFDIFF	1335	I	DIFFERENCE BETWEEN NLCF & SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NLCMDIFF	1337	I	DIFFERENCE BETWEEN NLCM16+ & SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NLCMSTAR	1298	I	CIV LABOR FORCE, MALES, SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NLCM16,19	1215	R	CIV LABOR FORCE, MALES, 16-19	MILLIONS	BLS
NLCM16+	428	R	CIV LABOR FORCE, MALES, 16 & OVER	MILLIONS	TRANSFORMATION
NLCM20,24	1216	R	CIV LABOR FORCE, MALES, 20-24	MILLIONS	BLS
NLCM25,34	1217	R	CIV LABOR FORCE, MALES, 25-34	MILLIONS	BLS
NLCM25,54	1322	I	CIV LABOR FORCE, MALES, 25-54	MILLIONS	TRANSFORMATION
NLCM35,44	1218	R	CIV LABOR FORCE, MALES, 35-44	MILLIONS	BLS
NLCM45,54	1219	R	CIV LABOR FORCE, MALES, 45-54	MILLIONS	BLS
NLCM55,64	1220	R	CIV LABOR FORCE, MALES, 55-64	MILLIONS	BLS
NLCM65+	1221	R	CIV LABOR FORCE, MALES, 65+	MILLIONS	BLS
NLCSTAR	1290	I	CIV LABOR FORCE, SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NLC16,19	1281	I	CIV LABOR FORCE, BOTH SEXES, 16-19	MILLIONS	TRANSFORMATION
NLC20,24	1282	I	CIV LABOR FORCE, BOTH SEXES, 20-24	MILLIONS	TRANSFORMATION
NLC25,34	1283	I	CIV LABOR FORCE, BOTH SEXES, 25-34	MILLIONS	TRANSFORMATION
NLC35,44	1284	I	CIV LABOR FORCE, BOTH SEXES, 35-44	MILLIONS	TRANSFORMATION
NLC45,54	1285	I	CIV LABOR FORCE, BOTH SEXES, 45-54	MILLIONS	TRANSFORMATION
NLC55,64	1286	I	CIV LABOR FORCE, BOTH SEXES, 55-64	MILLIONS	TRANSFORMATION
NLC65+	1287	I	CIV LABOR FORCE, BOTH SEXES, 65 YRS & OVER	MILLIONS	TRANSFORMATION
NLF	230	E	ARMED FORCES, INCLUDING OVERSEAS	MILLIONS	76 ERP TABLE B22
NLFRENDTT	1329	E	ARMED FORCES, SELECTIVE SERVICE INDUCTEES	THOUSANDS	TRANSFORMATION
NLFM16,19	1327	I	MILITARY POPULATION, MALES, 16-19	MILLIONS	BLS
NMLTTME	432	I	MANHOURS, MANUFACTURING	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED	430	I	MANHOURS, MANUFACTURING, DURABLES	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED24	209	R	MANHOURS, MANUFACTURING, DURABLES; LUMBER AND WOOD PRODUCTS	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED25	210	R	MANHOURS, MANUFACTURING, DURABLES; FURNITURE AND FIXTURES	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED32	207	R	MANHOURS, MANUFACTURING, DURABLES; STONE, CLAY AND GLASS PRODUCT	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED33	203	R	MANHOURS, MANUFACTURING, DURABLES; PRIMARY METAL INDUSTRIES	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED34	208	R	MANHOURS, MANUFACTURING, DURABLES; FABRICATED METAL PRODUCTS	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED35	205	R	MANHOURS, MANUFACTURING, DURABLES; MACHINERY, EXCEPT ELECTRICAL	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED36	204	R	MANHOURS, MANUFACTURING, DURABLES; ELECTRICAL EQUIPMENT & SUPPLY	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED37SP2	212	R	MANHOURS, MFG, DUR, NONAUTO TRANSPORT EQ + ORDNANCE + MISC MFG	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED371	206	R	MANHOURS, MANUFACTURING, DURABLES; TRANS EQ, MOTOR VEH & EQUIP	BILLIONS/YEAR	TRANSFORMATION
NMLTTMED38	211	R	MANHOURS, MANUFACTURING, DURABLES; INSTRUMENTS & RELATED PRODUCT	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN	431	I	MANHOURS, MANUFACTURING, NONDURABLES	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN20	213	R	MANHOURS, MANUFACTURING, NONDURABLES; FOOD AND KINDRED PRODUCTS	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN21	219	R	MANHOURS, MANUFACTURING, NONDURABLES; TOBACCO MANUFACTURES	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN22	214	R	MANHOURS, MANUFACTURING, NONDURABLES; TEXTILE MILL PRODUCTS	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN23	220	R	MANHOURS, MANUFACTURING, NONDURABLES; APPAREL & OTHER TEXTILES	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN26	215	R	MANHOURS, MANUFACTURING, NONDURABLES; PAPER & ALLIED PRODUCTS	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN27	222	R	MANHOURS, MANUFACTURING, NONDURABLES; PRINTING AND PUBLISHING	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN28	216	R	MANHOURS, MANUFACTURING, NONDURABLES; CHEMICALS & ALLIED PRODUCT	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN29	217	R	MANHOURS, MANUFACTURING, NONDURABLES; PETROLEUM & COAL PRODUCTS	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN30	218	R	MANHOURS, MANUFACTURING, NONDURABLES; RUBBER & PLASTICS PROD NEC	BILLIONS/YEAR	TRANSFORMATION
NMLTTMEN31	221	R	MANHOURS, MANUFACTURING, NONDURABLES; LEATHER & LEATHER PRODUCTS	BILLIONS/YEAR	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
WALTING	202	R	WAREHOUSE, MINING	BILLIONS/YEAR	TRANSFORMATION
WNPS	449	I	NET NATIONAL PRODUCT	BILL CURRENT $	SCB 1.9
WNRA	1044	R	U.S., NEW REGISTRATIONS, AUTOS	MILL VEHICLES	AUTO NEWS ALMAN
LPCF16+	427	I	CIVILIAN RESIDENT POPULATION, FEMALE, TOTAL(AGE 16 AND OVER)	MILLIONS	CUR POP REP P-25
LPCMA16+/LPC16+	470	I	POPULATION, RATIO MALE 16+ TO TOTAL 16+	PERCENT	TRANSFORMATION
LPCM16+	429	I	CIVILIAN RESIDENT POPULATION, MALE, TOTAL(AGE 16 AND OVER)	MILLIONS	CUR POP REP P-25
LPCNF16.17P2	1421	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 16-17, SERIES II	MILLIONS	TRANSFORMATION
LPCNF16.19	1236	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 16-19	MILLIONS	BLS
LPCNF16+	1299	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 16&OVER	MILLIONS	BLS
LPCNF18.19P2	1422	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 18-19, SERIES II	MILLIONS	TRANSFORMATION
LPCNF20.24	1237	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 20-24	MILLIONS	BLS
LPCNF20.24P2	1423	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 20-24, SERIES II	MILLIONS	TRANSFORMATION
LPCNF25.29P2	1424	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 25-29, SERIES II	MILLIONS	TRANSFORMATION
LPCNF25.34	1238	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 25-34	MILLIONS	BLS
LPCNF30.34P2	1425	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 30-34, SERIES II	MILLIONS	TRANSFORMATION
LPCNF35.39P2	1426	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 35-39, SERIES II	MILLIONS	TRANSFORMATION
LPCNF35.44	1239	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 35-44	MILLIONS	BLS
LPCNF40.44P2	1427	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 40-44, SERIES II	MILLIONS	TRANSFORMATION
LPCNF45.49P2	1428	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 45-49, SERIES II	MILLIONS	TRANSFORMATION
LPCNF45.54	1240	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 45-54	MILLIONS	BLS
LPCNF50.54P2	1429	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 50-54, SERIES II	MILLIONS	TRANSFORMATION
LPCNF55.59P2	1430	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 55-59, SERIES II	MILLIONS	TRANSFORMATION
LPCNF55.64	1241	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 55-64	MILLIONS	BLS
LPCNF60.64P2	1431	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 60-64, SERIES II	MILLIONS	TRANSFORMATION
LPCNF65.69P2	1432	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 65-69, SERIES II	MILLIONS	TRANSFORMATION
LPCNF65+	1242	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 65&OVER	MILLIONS	BLS
LPCNF70+P2	1433	I	CIV NONINSTITUTIONAL POPULATION, FEMALE, 70&OVER, SERIES II	MILLIONS	TRANSFORMATION
LPCNM16.17P2	1408	I	CIV NONINSTITUTIONAL POPULATION, MALE, 16-17, SERIES II	MILLIONS	TRANSFORMATION
LPCNM16.19	1229	I	CIV NONINSTITUTIONAL POPULATION, MALE, 16-19	MILLIONS	BLS
LPCNM16+	1298	I	CIV NONINSTITUTIONAL POPULATION, MALE, 16&OVER	MILLIONS	BLS
LPCNM18.19P2	1409	I	CIV NONINSTITUTIONAL POPULATION, MALE, 18-19, SERIES II	MILLIONS	TRANSFORMATION
LPCNM20.24	1230	I	CIV NONINSTITUTIONAL POPULATION, MALE, 20-24	MILLIONS	BLS
LPCNM20.24P2	1410	I	CIV NONINSTITUTIONAL POPULATION, MALE, 20-24, SERIES II	MILLIONS	TRANSFORMATION
LPCNM25.29P2	1411	I	CIV NONINSTITUTIONAL POPULATION, MALE, 25-29, SERIES II	MILLIONS	TRANSFORMATION
LPCNM25.34	1231	I	CIV NONINSTITUTIONAL POPULATION, MALE, 25-34	MILLIONS	BLS
LPCNM30.34P2	1412	I	CIV NONINSTITUTIONAL POPULATION, MALE, 30-34, SERIES II	MILLIONS	TRANSFORMATION
LPCNM35.39P2	1413	I	CIV NONINSTITUTIONAL POPULATION, MALE, 35-39, SERIES II	MILLIONS	TRANSFORMATION
LPCNM35.44	1232	I	CIV NONINSTITUTIONAL POPULATION, MALE, 35-44	MILLIONS	BLS
LPCNM40.44P2	1414	I	CIV NONINSTITUTIONAL POPULATION, MALE, 40-44, SERIES II	MILLIONS	TRANSFORMATION
LPCNM45.49P2	1415	I	CIV NONINSTITUTIONAL POPULATION, MALE, 45-49, SERIES II	MILLIONS	TRANSFORMATION
LPCNM45.54	1233	I	CIV NONINSTITUTIONAL POPULATION, MALE, 45-54	MILLIONS	BLS
LPCNM50.54P2	1416	I	CIV NONINSTITUTIONAL POPULATION, MALE, 50-54, SERIES II	MILLIONS	TRANSFORMATION
LPCNM55.59P2	1417	I	CIV NONINSTITUTIONAL POPULATION, MALE, 55-59, SERIES II	MILLIONS	TRANSFORMATION
LPCNM55.64	1234	I	CIV NONINSTITUTIONAL POPULATION, MALE, 55-64	MILLIONS	BLS
LPCNM60.64P2	1418	I	CIV NONINSTITUTIONAL POPULATION, MALE, 60-64, SERIES II	MILLIONS	TRANSFORMATION
LPCNM65.69P2	1419	I	CIV NONINSTITUTIONAL POPULATION, MALE, 65-69, SERIES II	MILLIONS	TRANSFORMATION
LPCNM65+	1235	I	CIV NONINSTITUTIONAL POPULATION, MALE, 65&OVER	MILLIONS	BLS
LPCNM70+P2	1420	I	CIV NONINSTITUTIONAL POPULATION, MALE, 70&OVER, SERIES II	MILLIONS	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
NPCN16.19	1291	I	CIV NONINSTITUTIONAL POPULATION, AGES 16-19	MILLIONS	BLS
NPCN16+	1300	I	CIVILIAN NONINSTITUTIONAL POPULATION, AGES 16 YEARS AND OVER	MILLIONS	TRANSFORMATION
NPCN20.24	1292	I	CIV NONINSTITUTIONAL POPULATION, AGES 20-24	MILLIONS	BLS
NPCN25.34	1293	I	CIV NONINSTITUTIONAL POPULATION, AGES 25-34	MILLIONS	BLS
NPCN35.44	1294	I	CIV NONINSTITUTIONAL POPULATION, AGES 35-44	MILLIONS	BLS
NPCN45.54	1295	I	CIV NONINSTITUTIONAL POPULATION, AGES 45-54	MILLIONS	BLS
NPCN55.64	1296	I	CIV NONINSTITUTIONAL POPULATION, AGES 55-64	MILLIONS	BLS
NPCN65+	1297	I	CIV NONINSTITUTIONAL POPULATION, AGES 65 & OVER	MILLIONS	BLS
NPL16+	469	I	CIVILIAN RESIDENT POPULATION, TOTAL (AGE16 AND OVER)	MILLIONS	CUR POP REP P-25
NPER	1331	E	BIRTH RATE BY AGE OF MOTHER, TOTAL	BIRTHS/WOMAN	
NPER15.19	1324	E	BIRTH RATE BY AGE OF MOTHER, AGES 15 - 19	BIRTHS PER 1000	MON VITAL STAT
NPER20.24	1325	E	BIRTH RATE BY AGE OF MOTHER, AGES 20 - 24	BIRTHS PER 1000	MON VITAL STAT
NPSE16.19	1197	R	SCHOOL ENROLLMENT, FEMALES, AGES 16-19	MILLIONS	HB OF LABOR STAT
NPSE20.24	1198	R	SCHOOL ENROLLMENT, FEMALES, 20-24	MILLIONS	HB OF LABOR STAT
NPSM16.17	1194	R	SCHOOL ENROLLMENT, MALES, 16-17	MILLIONS	HB OF LABOR STAT
NPSM16.19	1199	I	SCHOOL ENROLLMENT, MALES, AGES 16-19	MILLIONS	HB OF LABOR STAT
NPSM18.19	1195	R	SCHOOL ENROLLMENT, MALES, 18-19	MILLIONS	HB OF LABOR STAT
NPSM20.24	1196	R	SCHOOL ENROLLMENT, MALES, AGES 20-24	MILLIONS	HB OF LABOR STAT
NPSRE16.19	1192	I	SCHOOL ENROLLMENT RATE, FEMALES, AGES 16-19	PERCENT	TRANSFORMATION
NPSRE20.24	1193	I	SCHOOL ENROLLMENT RATE, FEMALES, AGES 20-24	PERCENT	TRANSFORMATION
NPSRM16.17	1189	I	SCHOOL ENROLLMENT RATE, MALES, AGES 16-17	PERCENT	TRANSFORMATION
NPSRM16.19	1200	I	SCHOOL ENROLLMENT RATE, MALES, AGES 16-19	PERCENT	TRANSFORMATION
NPSRM18.19	1190	I	SCHOOL ENROLLMENT RATE, MALES, AGES 18-19	PERCENT	TRANSFORMATION
NPSRM20.24	1191	I	SCHOOL ENROLLMENT RATE, MALES, AGES 20-24	PERCENT	TRANSFORMATION
NPT	946	I	TOTAL POPULATION INCLUDING ARMED FORCES OVERSEAS (JULY 1)	MILLIONS	CUR POP REP P-25
NPTF16.17	1388	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 16,17	MILLIONS	CUR POP REP P-25
NPTF16+	1407	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 16&OVER	MILLIONS	CENSUS P-25
NPTF18.19	1389	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 18-19	MILLIONS	CUR POP REP P-25
NPTF20.24	1390	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 20 TO 24	MILLIONS	CENSUS P-25
NPTF25.29	1391	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 25 TO 29	MILLIONS	CENSUS P-25
NPTF30.34	1392	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 30 TO 34	MILLIONS	CENSUS P-25
NPTF35.39	1393	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 35 TO 39	MILLIONS	CENSUS P-25
NPTF40.44	1394	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 40 TO 44	MILLIONS	CENSUS P-25
NPTF45.49	1395	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 45 TO 49	MILLIONS	CENSUS P-25
NPTF50.54	1396	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 50 TO 54	MILLIONS	CENSUS P-25
NPTF55.59	1397	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 55 TO 59	MILLIONS	CENSUS P-25
NPTF60.64	1398	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 60 TO 64	MILLIONS	CENSUS P-25
NPTF65.69	1399	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 65 TO 69	MILLIONS	CENSUS P-25
NPTF70.74	1400	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 70 TO 74	MILLIONS	CENSUS P-25
NPTF70+	1454	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 70&OVER	MILLIONS	CENSUS P-25
NPTF75+	1401	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, FEMALE, AGES 75&OVER	MILLIONS	CENSUS P-25
NPTLD	1038	R	U.S., LICENSED DRIVERS	MILL PERSONS	HGWY STATISTICS
NPTM16.17	1373	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 16-17	MILLIONS	CUR POP REP P-25
NPTM16+	1406	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 16&OVER	MILLIONS	CENSUS P-25
NPTM18.19	1378	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 18-19	MILLIONS	CUR POP REP P-25
NPTM20.24	1375	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 20 TO 24	MILLIONS	CENSUS P-25
NPTM25.29	1376	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 25 TO 29	MILLIONS	CENSUS P-25
NPTM30.34	1377	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 30 TO 34	MILLIONS	CENSUS P-25

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
[illegible]35.39	1378	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 35 TO 39	MILLIONS	CENSUS P-25
[illegible]40.44	1379	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 40 TO 44	MILLIONS	CENSUS P-25
[illegible]45.49	1380	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 45 TO 49	MILLIONS	CENSUS P-25
[illegible]50.54	1381	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 50 TO 54	MILLIONS	CENSUS P-25
[illegible]55.59	1382	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 55 TO 59	MILLIONS	CENSUS P-25
[illegible]60.64	1383	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 60 TO 64	MILLIONS	CENSUS P-25
[illegible]65.69	1384	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 65 TO 69	MILLIONS	CENSUS P-25
[illegible]70.74	1385	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES70 TO 74	MILLIONS	CENSUS P-25
[illegible]70+	1387	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 70&OVER	MILLIONS	CENSUS P-25
[illegible]75+	1386	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, MALE, AGES 75&OVER	MILLIONS	CENSUS P-25
[illegible]A	1059	E	PERSONS TRAVELING TO WORK BY NON-AUTO MEANS, TOTAL	MILL PERSONS	INTERPOLATED
[illegible]00.04	1021	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGES 00-04	MILLIONS	CENSUS P-25
[illegible]05.09	1022	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGES 05-09	MILLIONS	CENSUS P-25
[illegible]10.14	1023	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGES 10-14	MILLIONS	CENSUS P-25
[illegible]15	1402	E	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGE 15	MILLIONS	CENSUS P-25
[illegible]15.19	1024	I	TOTAL POPULATION INCL ARMED FORCES, AGES 15 TO 19	MILLIONS	CUR POP REP P-25
[illegible]16.17	1403	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGES 16-17	MILLIONS	CUR POP REP P-25
[illegible]16+	467	I	POPULATION, TOTAL, SIXTEEN YEARS AND OVER	MILLIONS	CUR POP REP P-25
[illegible]18.19	1404	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGES 18-19	MILLIONS	CUR POP REP P-25
[illegible]20.24	1025	I	TOTAL POPULATION INCL ARMED FORCES, AGES 20 TO 24	MILLIONS	CENSUS P-25
[illegible]20+	997	I	TOTAL POPULATION INCL ARMED FORCES, BOTH SEXES, 20 YRS AND OVER	MILLIONS	TRANSFORMATION
[illegible]25.29	1026	I	TOTAL POPULATION INCL ARMED FORCES, AGES 25 TO 29	MILLIONS	CENSUS P-25
[illegible]30.34	1027	I	TOTAL POPULATION INCL ARMED FORCES, AGES 30 TO 34	MILLIONS	CENSUS P-25
[illegible]30.64	968	I	TOTAL POPULATION INCL ARMED FORCES, AGES 30 THRU 64	MILLIONS	TRANSFORMATION
[illegible]35.39	1028	I	TOTAL POPULATION INCL ARMED FORCES, AGES 35 TO 39	MILLIONS	CENSUS P-25
[illegible]40.44	1029	I	TOTAL POPULATION INCL ARMED FORCES, AGES 40 TO 44	MILLIONS	CENSUS P-25
[illegible]45.49	1030	I	TOTAL POPULATION INCL ARMED FORCES, AGES 45 TO 49	MILLIONS	CENSUS P-25
[illegible]50.54	1031	I	TOTAL POPULATION INCL ARMED FORCES, AGES 50 TO 54	MILLIONS	CENSUS P-25
[illegible]55.59	1032	I	TOTAL POPULATION INCL ARMED FORCES, AGES 55 TO 59	MILLIONS	CENSUS P-25
[illegible]60.64	1033	I	TOTAL POPULATION INCL ARMED FORCES, AGES 60 TO 64	MILLIONS	CENSUS P-25
[illegible]65.69	1034	I	TOTAL POPULATION INCL ARMED FORCES, AGES 65 TO 69	MILLIONS	CENSUS P-25
[illegible]70.74	1035	I	TOTAL POPULATION INCL ARMED FORCES, AGES 70 TO 74	MILLIONS	CENSUS P-25
[illegible]70+	1405	I	TOTAL POP., INCL. ARMED FORCES OVERSEAS, AGES 70&OVER	MILLIONS	CENSUS P-25
[illegible]75+	1036	I	TOTAL POPULATION INCL ARMED FORCES, AGES 75 AND OVER	MILLIONS	TRANSFORMATION
[illegible]LT	1350	I	LABOR FORCE PARTICIPATION RATE, BOTH SEXES, TOTAL	FRACTION	TRANSFORMATION
[illegible]LTF16.19	1208	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 16-19	FRACTION	TRANSFORMATION
[illegible]LTF16+	1279	I	LABOR FORCE PARTICIPATION RATE, FEMALES, 16 & OVER	FRACTION	TRANSFORMATION
[illegible]LTF20.24	1209	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 20-24	FRACTION	TRANSFORMATION
[illegible]LTF25.34	1210	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 25-34	FRACTION	TRANSFORMATION
[illegible]LTF35.44	1211	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 35-44	FRACTION	TRANSFORMATION
[illegible]LTF45.54	1212	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 45-54	FRACTION	TRANSFORMATION
[illegible]LTF55.64	1213	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 55-64	FRACTION	TRANSFORMATION
[illegible]LTF65+	1214	R	LABOR FORCE PARTICIPATION RATE, FEMALES, AGES 65 & OLDER	FRACTION	TRANSFORMATION
[illegible]LTM16.19	1201	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 16-19	FRACTION	TRANSFORMATION
[illegible]LTM16+	1278	I	LABOR FORCE PARTICIPATION RATE, MALES, AGES 16 & OVER	FRACTION	TRANSFORMATION
[illegible]LTM20.24	1202	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 20-24	FRACTION	TRANSFORMATION
[illegible]LTM25.34	1203	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 25-34	FRACTION	TRANSFORMATION
[illegible]LTM35.44	1204	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 35-44	FRACTION	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
NRLT45.54	1205	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 45-54	FRACTION	TRANSFORMATION
NRLT55.64	1206	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 55-64	FRACTION	TRANSFORMATION
NRLT65+	1207	R	LABOR FORCE PARTICIPATION RATE, MALES, AGES 65 & OLDER	FRACTION	TRANSFORMATION
NRLTSTAR	1280	I	LABOR FORCE PARTICIPATION RATE, TOTAL ACCORDING TO SUBGROUPS	FRACTION	TRANSFORMATION
NRLT16.19	1271	I	LABOR FORCE PARTICIPATION RATE, AGES 16-19	FRACTION	TRANSFORMATION
NRLT20.24	1272	I	LABOR FORCE PARTICIPATION RATE, AGES 20-24	FRACTION	TRANSFORMATION
NRLT25.34	1273	I	LABOR FORCE PARTICIPATION RATE, AGES 25-34	FRACTION	TRANSFORMATION
NRLT35.44	1274	I	LABOR FORCE PARTICIPATION RATE, AGES 35-44	FRACTION	TRANSFORMATION
NRLT45.54	1275	I	LABOR FORCE PARTICIPATION RATE, AGES 45-54	FRACTION	TRANSFORMATION
NRLT55.64	1276	I	LABOR FORCE PARTICIPATION RATE, AGES 55-64	FRACTION	TRANSFORMATION
NRLT65+	1277	I	LABOR FORCE PARTICIPATION RATE, AGES 65 & OVER	FRACTION	TRANSFORMATION
URUT	167	I	UNEMPLOYMENT RATE, CIVILIAN LABOR FORCE	PERCENT	EMPLOYEARN -JAN
URUTF16.19	1250	R	UNEMPLOYMENT RATE FEMALES 16-19	PERCENT	BLS
URUTF16+	1309	I	UNEMPLOYMENT RATE, FEMALES, 16 & OVER	PERCENT	TRANSFORMATION
URUTF20.24	1251	R	UNEMPLOYMENT RATE FEMALES 20-24	PERCENT	BLS
URUTF25.34	1252	R	UNEMPLOYMENT RATE FEMALES 25-34	PERCENT	BLS
URUTF35.44	1253	R	UNEMPLOYMENT RATE FEMALES 35-44	PERCENT	BLS
URUTF45.54	1254	R	UNEMPLOYMEDT RATE FEMALES 45-54	PERCENT	BLS
URUTF55.64	1255	R	UNEMPLOYMENT RATE FEMALES 55-64	PERCENT	BLS
URUTF65+	1256	R	UNEMPLOYMENT RATE FEMALES 65 & OVER	PERCENT	BLS
URUTM16.19	1243	R	UNEMPLOYMENT RATE MALES 16-19	PERCENT	BLS
URUTM16+	1308	I	UNEMPLOYMENT RATE, MALES, 16 & OVER	PERCENT	TRANSFORMATION
URUTM20.24	1244	R	UNEMPLOYMENT RATE MALES 20-24	PERCENT	BLS
URUTM25.34	1245	R	UNEMPLOYMENT RATE MALES 25-34	PERCENT	BLS
URUTM25.54	1323	I	UNEMPLOYMENT RATE, MALES 25-54	PERCENT	TRANSFORMATION
URUTM35.44	1246	R	UNEMPLOYMENT RATE MALES 35-44	PERCENT	BLS
URUTM45.54	1247	R	UNEMPLOYMENT RATE MALES 45-54	PERCENT	BLS
URUTM55.64	1248	R	UNEMPLOYMENT RATE MALES 55-64	PERCENT	BLS
URUTM65+	1249	R	UNEMPLOYMENT RATE MALES 65 & OVER	PERCENT	BLS
URUTSTAR	1310	I	UNEMPLOYMENT RATE, TOTAL ACCORDING TO SUBGROUPS	FRACTION	TRANSFORMATION
URUT16.19	1301	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 16-19	PERCENT	TRANSFORMATION
URUT20.24	1302	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 20-24	PERCENT	TRANSFORMATION
URUT25.34	1303	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 25.34	PERCENT	TRANSFORMATION
URUT35.44	1304	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 35-44	PERCENT	TRANSFORMATION
URUT45.54	1305	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 45-54	PERCENT	TRANSFORMATION
URUT55.64	1306	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 55-64	PERCENT	TRANSFORMATION
URUT65+	1307	I	UNEMPLOYMENT RATE, BOTH SEXES, AGES 65 & OLDER	PERCENT	TRANSFORMATION
NUT	441	I	CIVILIAN LABOR FORCE, NUMBER UNEMPLOYED	MILLIONS	EMPLOYEARN -JAN
NUTF16.19	1264	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 16-19	MILLIONS	TRANSFORMATION
NUTF16+	1319	I	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 16 & OVER	MILLIONS	TRANSFORMATION
NUTF20.24	1265	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 20-24	MILLIONS	TRANSFORMATION
NUTF25.34	1266	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 25-34	MILLIONS	TRANSFORMATION
NUTF35.44	1267	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 35-44	MILLIONS	TRANSFORMATION
NUTF45.54	1268	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 45-54	MILLIONS	TRANSFORMATION
NUTF55.64	1269	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 55-64	MILLIONS	TRANSFORMATION
NUTF65+	1270	R	CIVILIAN LABOR FORCE, UNEMPLOYED, FEMALES, AGES 65 & OLDER	THOUSANDS	TRANSFORMATION
NUTINDEX	1336	I	DIFFERENCE BETWEEN TOTAL NUT & SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NUTM16.19	1257	I	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 16-19	MILLIONS	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
NUE*16+	1318	I	CIV LABOR FORCE, UNEMPLOYED, MALES, AGE 16 & OVER	MILLIONS	TRANSFORMATION
NUE*20,24	1258	R	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 20-24	MILLIONS	TRANSFORMATION
NUE*25,34	1259	R	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 25-34	MILLIONS	TRANSFORMATION
NUE*25,54	1321	I	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 25-54	MILLIONS	TRANSFORMATION
NUE*35,44	1260	R	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 35-44	MILLIONS	TRANSFORMATION
NUE*45,54	1261	R	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 45-54	MILLIONS	TRANSFORMATION
NUE*55,64	1262	R	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 55-64	MILLIONS	TRANSFORMATION
NUE*65+	1263	R	CIVILIAN LABOR FORCE, UNEMPLOYED, MALES, AGES 65 & OLDER	MILLIONS	TRANSFORMATION
NUESTAR	1320	I	CIV LABOR FORCE, UNEMPLOYED, SUM OF SUBGROUPS	MILLIONS	TRANSFORMATION
NUE16,19	1311	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 16-19	MILLIONS	TRANSFORMATION
NUE20,24	1312	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 20-24	MILLIONS	TRANSFORMATION
NUE25,34	1313	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 25-34	MILLIONS	TRANSFORMATION
NUE35,44	1314	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 35-44	MILLIONS	TRANSFORMATION
NUE45,54	1315	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 45-54	MILLIONS	TRANSFORMATION
NUE55,64	1316	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 55-64	MILLIONS	TRANSFORMATION
NUE65+	1317	I	CIVILIAN LABOR FORCE, UNEMPLOYED, AGES 65 & OVER	MILLIONS	TRANSFORMATION
PC	927	R	CONSUMER PRICE INDEX, ALL ITEMS	1967 = 100.	BLS CPI REPORT
PCF	930	R	CONSUMER PRICE INDEX, FOOD	1967 = 100.	BLS CPI REPORT
PCS	929	R	CONSUMER PRICE INDEX, SERVICES	1967 = 100.	BLS CPI REPORT
PCSR	931	R	CONSUMER PRICE INDEX, HOUSING, RENT	1967 = 100.	BLS CPI REPORT
PDCE	231	I	IMPLICIT DEFLATOR, PERSONAL CONSUMPTION EXPENDITURES, TOTAL	1972 = 100.	SCH 7,12 - L001
PDCED	552	I	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, DURABLE GOODS	1972 = 100.	SCH 7,12 - L002
PDCEDA	551	I	IMPLICIT DEFL, PERSONAL CONSUMP EXPEND, DURABLES, MOTOR VEH & PT	1972 = 100.	SCH 7,12 - L003
PDCEDAP	1152	R	IMPL DEFL, PERS CONS EXPEND, DUR, AUTOS&PARTS, TIRES,TUBES,PARTS	1972 = 100.	SCH 7,12 - L005
PDCEDAPDOM	1106	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: AUTO PARTS	INDEX= 1972=100	TRANSFORMATION
PDCEDAPHTD	1083	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: AUTO PARTS	INDEX= 1972=100	TRANSFORMATION
PDCEDAPIMP	1129	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: AUTO PARTS	INDEX= 1972=100	TRANSFORMATION
PDCEDAV	1149	R	IMPL DEFL, AUTO OUT, FINAL SALES, PERS CONSUMP EXPEND, NEW AUTOS	1972 = 100.	SCH 7,9
PDCEDAVDOM	1105	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: NEW AUTOS	INDEX= 1972=100	TRANSFORMATION
PDCEDAVHTD	1080	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: NEW AUTOS	INDEX= 1972=100	TRANSFORMATION
PDCEDAVIMP	1126	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: NEW AUTOS	INDEX= 1972=100	TRANSFORMATION
PDCEDAVR+T	1151	R	IMPL DEFL, PERS CONS EXP, DUR, AUTOS&PARTS, VEH, REC VEH & TRUCK	1972 = 100.	SCH 7,12 - L006
PDCEDAVR+TDOM	1105	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: TRUCKS & RV	INDEX= 1972=100	TRANSFORMATION
PDCEDAVR+THTD	1082	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: TRUCKS & RV	INDEX= 1972=100	TRANSFORMATION
PDCEDAVR+TIMP	1128	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: TRUCKS & RV	INDEX= 1972=100	TRANSFORMATION
PDCEDAVU	1150	R	IMPL DEFL, AUTO OUTPUT, FINAL SALES, PERS CONSUMP EXP, USED AUTO	1972 = 100.	TRANSFORMATION
PDCEDAVUDOM	1104	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: USED AUTOS	INDEX= 1972=100	TRANSFORMATION
PDCEDAVUHTD	1081	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: USED AUTOS	INDEX= 1972=100	TRANSFORMATION
PDCEDAVUIMP	1127	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: USED AUTOS	INDEX= 1972=100	TRANSFORMATION
PDCEDF	552	R	IMPLICIT DEFL, PERS CONSUMP EXPEND, DUR, FURNITURE&HSHLD EQUIP	1972 = 100.	SCH 7,12 - L007
PDCEDFDOM	1107	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: FURNITURE	INDEX= 1972=100	TRANSFORMATION
PDCEDFHTD	1084	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: FURNITURE	INDEX= 1972=100	TRANSFORMATION
PDCEDFIMP	1130	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: FURNITURE	INDEX= 1972=100	TRANSFORMATION
PDCEDO	553	R	IMPLICIT DEFL, PERSONAL CONSUMP EXPEND, DURABLES, OTHER	1972 = 100.	SCH 7,12 - L012
PDCEDODOM	1108	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: OTH. DUR.	INDEX= 1972=100	TRANSFORMATION
PDCEDOHTD	1085	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: OTH. DUR.	INDEX= 1972=100	TRANSFORMATION
PDCEDOIMP	1131	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: OTH. DUR.	INDEX= 1972=100	TRANSFORMATION
PDCEDAT	228	I	IMPLICIT PRICE DEFL, PERS CONSUMP EXPEND, WTD AVG OF COMPONENTS	1972 = 100.	TRANSFORMATION

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VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
PDCE	653	I	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, NONDURABLE GOODS	1972 = 100.	SCB 7,12 - L016
PDCENC	555	R	IMPL DEFL, PERSONAL CONSUMP EXPEND, NONDURABLES, CLOTHING&SHOES	1972 = 100.	SCB 7,12 - L023
PDCENCDOM	1110	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: CLOTHING	INDEX= 1972=100	TRANSFORMATION
PDCENCHTD	1087	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: CLOTHING	INDEX= 1972=100	TRANSFORMATION
PDCENCIMP	1133	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: CLOTHING	INDEX= 1972=100	TRANSFORMATION
PDCENF	554	R	IMPLICIT DEFLATOR, PERSONAL CONSUMP EXPEND, NONDURABLES, FOOD	1972 = 100.	SCB 7,12 - L017
PDCENFDOM	1109	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: FOOD & BEV.	INDEX= 1972=100	TRANSFORMATION
PDCENFHTD	1086	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: FOOD & BEV.	INDEX= 1972=100	TRANSFORMATION
PDCENFIMP	1132	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: FOOD & BEV.	INDEX= 1972=100	TRANSFORMATION
PDCENG	556	R	IMPL DEFL, PERSONAL CONSUMP EXPEND, NONDURABLES, GASOLINE & OIL	1972 = 100.	SCB 7,12 - L027
PDCENGDOM	1111	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: GASOLINE	INDEX= 1972=100	TRANSFORMATION
PDCENGHTD	1088	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: GASOLINE	INDEX= 1972=100	TRANSFORMATION
PDCENGIMP	1134	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: GASOLINE	INDEX= 1972=100	TRANSFORMATION
PDCEN0+H	557	R	IMPL DEFL, PERS CONS EXPEND, NONDUR, OTHER (FUEL OIL + OTHER)		TRANSFORMATION
PDCEN0+HDOM	1112	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: OTH. NONDUR.	INDEX= 1972=100	TRANSFORMATION
PDCEN0+HHTD	1089	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: OTH. NONDUR.	INDEX= 1972=100	TRANSFORMATION
PDCEN0+HIMP	1135	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: OTH. NONDUR.	INDEX= 1972=100	TRANSFORMATION
PDCES	654	I	IMPLICIT DEFLATOR, PERSONAL CONSUMPTION EXPENDITURES, SERVICES	1972 = 100.	SCB 7,12 - L037
PDCESH	558	R	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, HOUSING	1972 = 100.	SCB 7,12 - L038
PDCESHDOM	1113	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: HOUSING SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESHHTD	1090	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: HOUSING SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESHIMP	1136	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: HOUSING SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESO	561	R	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, OTHER	1972 = 100.	SCB 7,12 - L060
PDCESODOM	1116	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: OTH. SERVICES	INDEX= 1972=100	TRANSFORMATION
PDCESOHTD	1093	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: OTH. SERVICES	INDEX= 1972=100	TRANSFORMATION
PDCESOIMP	1139	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: OTH. SERVICES	INDEX= 1972=100	TRANSFORMATION
PDCESS	559	R	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, HSHLD OPERATION	1972 = 100.	SCB 7,12 - L043
PDCESSDOM	1114	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: HH OP. SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESSHTD	1091	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: HH OP. SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESSIMP	1137	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: HH OP. SERV.	INDEX= 1972=100	TRANSFORMATION
PDCEST	560	R	IMPL DEFL, PERSONAL CONSUMP EXPEND, SERVICES, TRANSPORTATION	1972 = 100.	SCB 7,12 - L050
PDCESTDOM	1115	I	DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: TRANS. SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESTHTD	1092	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : CONS. EXP: TRANS. SERV.	INDEX= 1972=100	TRANSFORMATION
PDCESTIMP	1138	I	IMPORTED FINAL DEMAND DEFLATOR : CONS. EXP: TRANS. SERV.	INDEX= 1972=100	TRANSFORMATION
PDGDP	305	I	IMPLICIT DEFLATOR, GROSS NATIONAL PRODUCT	1972 = 100.	SCB 7,1
PDGVPF	564	R	IMPLICIT DEFL, GOVT PURCHASES OF GOODS & SERVICES, FEDERAL	1972 = 100.	SCB 7,1
PDGVPFDOM	1119	I	DOMESTIC FINAL DEMAND DEFLATOR : FED. GOV. PURCHASES	INDEX= 1972=100	TRANSFORMATION
PDGVPFHTD	1096	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : FED. GOV. PURCHASES	INDEX= 1972=100	TRANSFORMATION
PDGVPFIMP	1142	I	IMPORTED FINAL DEMAND DEFLATOR : FED. GOV. PURCHASES	INDEX= 1972=100	TRANSFORMATION
PDGVPS	565	R	IMPLICIT DEFL, GOVT PURCHASES OF GOODS & SERVICES, STATE & LOCAL	1972 = 100.	SCB 7,1
PDGVPSDOM	1120	I	DOMESTIC FINAL DEMAND DEFLATOR : S&L GOV. PURCHASES	INDEX= 1972=100	TRANSFORMATION
PDGVPSHTD	1097	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : S&L GOV. PURCHASES	INDEX= 1972=100	TRANSFORMATION
PDGVPSIMP	1143	I	IMPORTED FINAL DEMAND DEFLATOR : S&L GOV. PURCHASES	INDEX= 1972=100	TRANSFORMATION
PDGVPT	658	I	IMPLICIT DEFLATOR, GOVERNMENT PURCHASES OF GOODS & SERVICES	1972 = 100.	SCB 7,1
PDIKF	562	I	IMPLICIT DEFLATOR, FIXED INVESTMENT, TOTAL	1972 = 100.	SCB 7,1
PDIKFR	443	R	IMPLICIT DEFLATOR, FIXED INVESTMENT, NONRESIDENTIAL	1972 = 100.	SCB 7,1
PDIKFRDOM	1117	I	DOMESTIC FINAL DEMAND DEFLATOR : NONRESIDENTIAL INVEST.	INDEX= 1972=100	TRANSFORMATION
PDIKFRHTD	1094	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : NONRESIDENTIAL INVEST.	INDEX= 1972=100	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
PDIRESIDP	1140	I	IMPORTED FINAL DEMAND DEFLATOR : NONRESIDENTIAL INVEST,	INDEX= 1972=100	TRANSFORMATION
PDIRER	660	B	IMPLICIT DEFLATOR, FIXED INVESTMENT, RESIDENTIAL	1972 = 100.	SCB 7.1
PDIRERDOM	1118	I	DOMESTIC FINAL DEMAND DEFLATOR : RESIDENTIAL INVESTMENT	INDEX= 1972=100	TRANSFORMATION
PDIRERE	784	E	IMPLICIT DEFL, FIXED INVEST, RESIDENTIAL, PRODUCERS' DUR EQUIP	1972 = 100.	SCB 7.1
PDIRERF	573	E	IMPLICIT DEFLATOR, FIXED INVEST, RESIDENTIAL, FARM STRUCTURES	1972 = 100.	SCB 7.1
PDIRERHTD	1095	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : RESIDENTIAL INVESTMENT	INDEX= 1972=100	TRANSFORMATION
PDIRERIMP	1141	I	IMPORTED FINAL DEMAND DEFLATOR : RESIDENTIAL INVESTMENT	INDEX= 1972=100	TRANSFORMATION
PDIRERN	566	I	IMPLICIT DEFL, FIXED INVEST, RESIDENTIAL, NONFARM STRUCTURES	1972 = 100.	SCB 7.1
PDIRERSMH	989	B	IMPL DEFLATOR, INVESTMENT, RES, NONFARM, MOBILE HOMES	1972=100	SCB 7.15
PDIRITHTD	1153	B	EST. DOMESTIC FINAL DEMAND DEFLATOR : INVENTORY INVESTMENT	INDEX= 1972=100	TRANSFORMATION
PDJRCGVG	121	B	IMPLICIT DEFLATOR, GROSS DOMESTIC PROD ORIG, GENERAL GOVERNMENT	1972 = 100.	SCB 7.5
PDYD	948	B	IMPLICIT DEFLATOR, NATIONAL INCOME	1972 = 100.	SCB 7.6
PIATD	823	E	AIR TRAVEL DEFLATOR, DOMESTIC PASSENGER SERVICE	1972 = 100.	TRANSFORMATION
PIATI	822	E	AIR TRAVEL DEFLATOR, INTERNATIONAL PASSENGER SERVICE	1972 = 100.	TRANSFORMATION
PIEF	563	I	IMPLICIT DEFLATOR, U.S. EXPORTS OF GOODS AND SERVICES	1972 = 100.	SCB 7.1
PIEFS+DF	873	I	IMPLICIT DEFLATOR, U.S. EXPORTS, SERVICES AND DEFENSE	1972 = 100.	TRANSFORMATION
PIEFS+OTH	1155	B	EXPORTS; DEFLATOR FOR SERVICES PLUS OTHER	INDEX= 1972=100	TRANSFORMATION
PIEFS+OTHDOM	1125	I	DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; SERV. & OTH.	INDEX= 1972=100	TRANSFORMATION
PIEFS+OTHHTD	1102	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; SERV. & OTH.	INDEX= 1972=100	TRANSFORMATION
PIEFS+OTHIMP	1148	I	IMPORTED FINAL DEMAND DEFLATOR : EXPORTS; SERV. & OTH.	INDEX= 1972=100	TRANSFORMATION
PIEFGD	872	I	IMPLICIT DEFLATOR, U.S. MERCHANDISE EXPORTS, SCHEDULE B, TOTAL	1972 = 100.	TRANSFORMATION
PIEFGDEM	805	B	UNIT VALUE INDEX, U.S. DOMESTIC EXPORTS, CRUDE MATERIALS	1972 = 100.	TRANSFORMATION
PIEFGDEMDOM	1122	I	DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; CRUDE MATER.	INDEX= 1972=100	TRANSFORMATION
PIEFGDEMHTD	1099	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; CRUDE MATER.	INDEX= 1972=100	TRANSFORMATION
PIEFGDEMIMP	1145	I	IMPORTED FINAL DEMAND DEFLATOR : EXPORTS; CRUDE MATER.	INDEX= 1972=100	TRANSFORMATION
PIEFGDF	804	B	UNIT VALUE INDEX, U.S. DOM EXPORTS, WTD AVG, CRUDE & MFG'D FOODS	1972 = 100.	TRANSFORMATION
PIEFGDFDOM	1121	I	DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; FOOD	INDEX= 1972=100	TRANSFORMATION
PIEFGDFHTD	1098	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; FOOD	INDEX= 1972=100	TRANSFORMATION
PIEFGDFIMP	1144	I	IMPORTED FINAL DEMAND DEFLATOR : EXPORTS; FOOD	INDEX= 1972=100	TRANSFORMATION
PIEFGDM	806	B	UNIT VALUE INDEX, U.S. DOM EXPORTS, WTD AVG, FINISHED & SEMI MFG	1972 = 100.	TRANSFORMATION
PIEFGDMDOM	1124	I	DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; MFG. GOODS	INDEX= 1972=100	TRANSFORMATION
PIEFGDMHTD	1101	I	EST. DOMESTIC FINAL DEMAND DEFLATOR : EXPORTS; MFG. GOODS	INDEX= 1972=100	TRANSFORMATION
PIEFGDMIMP	1147	I	IMPORTED FINAL DEMAND DEFLATOR : EXPORTS; MFG. GOODS	INDEX= 1972=100	TRANSFORMATION
PIEMS	795	E	UNIT VALUE INDEX, EXPORTS, WORLD (IN U.S. $)	1972 = 100.	TRANSFORMATION
PIIR	124	I	IMPLICIT DEFLATOR, U.S. IMPORTS OF GOODS AND SERVICES	1972 = 100.	SCB 7.1
PIMS+DF	827	E	IMPLICIT DEFLATOR, U.S. IMPORTS, SERVICES AND DEFENSE	1972 = 100.	TRANSFORMATION
PIMGGT	916	I	IMPLICIT DEFLATOR, U.S. GENERAL MERCH IMPORTS, SCHED A, TOTAL	1972 = 100.	TRANSFORMATION
PIMGGTS	900	I	UNIT VALUE INDEX, US GEN IMPORTS, MIN FUELS & LUBRICANTS, TOTAL	1972 = 100.	TRANSFORMATION
PIMGGTS01	905	I	UNIT VALUE INDEX, US GEN IMPORT, SCHED A, MIN FUEL,OTHER REFINED	1972 = 100.	TRANSFORMATION
PIMGGTS2	901	I	UNIT VALUE INDEX, U.S. GEN IMPORTS, SCHED A, MIN FUEL, COAL ETC.	1972 = 100.	TRANSFORMATION
PIMGGTS31	902	I	UNIT VALUE INDEX, US GEN IMPORTS, MIN FUELSLUB, CRUDE PETROLEUM	1972 = 100.	TRANSFORMATION
PIMGGTS324	903	I	UNIT VALUE INDEX, US GEN IMPORTS, MIN FUELSLUB, RESID FUEL OIL	1972 = 100.	TRANSFORMATION
PIMGGTS3	904	I	UNIT VALUE INDEX, US GEN IMPORTS, MIN FUELSLUB, NATURAL GAS	1972 = 100.	TRANSFORMATION
PIMGGTM	824	E	IMPORTS, UNIT VALUE INDEX, CRUDE MATERIALS	1972 = 100.	TRANSFORMATION
PIMGGTF	822	I	UNIT VALUE INDEX, U.S. GEN IMPORTS, AVERAGE, CRUDE & MFG'D FOODS	1972 = 100.	TRANSFORMATION
PIMGGTFC	893	E	IMPORTS, UNIT VALUE INDEX, CRUDE FOODS	1972 = 100.	TRANSFORMATION
PIMGGTFM	823	E	IMPORTS, UNIT VALUE INDEX, MANUFACTURED FOODS	1972 = 100.	TRANSFORMATION
PIMGGTM	892	I	UNIT VALUE INDEX, U.S. GEN IMPORTS, WTD AVG, SEMI & FINISHED MFG	1972 = 100.	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE DRI ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
PIMEGINF	626	E	IMPORTS, UNIT VALUE INDEX, FINISHED MANUFACTURES	1972 = 100.	TRANSFORMATION
PIMEGIMS	625	E	IMPORTS, UNIT VALUE INDEX, SEMI-MANUFACTURES	1972 = 100.	TRANSFORMATION
PIUEFUEL	858	R	U.S. DOMESTIC PRICE, FOR EXPORTS, FUEL (AVG PW051 & PW0561)	1972 = 100.	TRANSFORMATION
PIUEFUELDDM	1123	I	DOMESTIC FINAL DEMAND DEFLATOR ; EXPORTS; FUELS	INDEX= 1972=100	TRANSFORMATION
PIUEFUELUTD	1100	I	EST. DOMESTIC FINAL DEMAND DEFLATOR ; EXPORTS; FUELS	INDEX= 1972=100	TRANSFORMATION
PIUEFUELIMP	1146	I	IMPORTED FINAL DEMAND DEFLATOR ; EXPORTS; FUELS	INDEX= 1972=100	TRANSFORMATION
PUCEDAVN	1047	I	UNIT PURCHASE PRICE, NEW CARS	THOU CONSTANT $	TRANSFORMATION
PUHSPR	783	I	AVERAGE VALUE OF HOUSING START	10 THOU CURRENT$	TRANSFORMATION
PUHSPRMH	998	R	AVERAGE VALUE OF HOUSING START, MOBILE HOMES	10 THOU CURRENT$	TRANSFORMATION
PUHSPRSM	949	R	UNIT PRICE, AVERAGE VALUE OF MULTI-UNIT HOUSING STARTS	10 THOU CURR $	TRANSFORMATION
PUHSPRSI	978	R	UNIT PRICE, AVERAGE VALUE OF SINGLE UNIT HOUSING STARTS	10 THOU CURR $	TRANSFORMATION
PUPG	797	I	UNIT PRICE, RETAIL, REG GRADE GASOLINE, INCLUDING TAXES	CENTS/GALLON	PLATT'S HANDBOOK
PUPGT	799	I	UNIT PRICE, RETAIL, REG GRADE GAS, ST & FEDERAL TAXES	CENTS/GALLON	PLATT'S HANDBOOK
PUPGTF	800	E	UNIT PRICE, RETAIL, REGULAR GRADE GASOLINE, TAXES, FEDERAL	CENTS/GALLON	PLATT'S HANDBOOK
PUPGTS	801	E	UNIT PRICE, RETAIL, REGULAR GRADE GASOLINE, TAXES, STATE & LOCAL	CENTS/GALLON	PLATT'S HANDBOOK
PUPGX	798	R	UNIT PRICE, RETAIL, REG GRADE GASOLINE, EXCLUDING TAXES	CENTS/GALLON	PLATT'S HANDBOOK
PUIMCGT$OT	885	E	UNIT PRICE, U S MERCH IMPORTS, SCHED A, MIN FUEL, OTHER REFINED	DOLLARS/BARREL	TRANSFORMATION
PUIMCGT32V	881	E	UNIT PRICE, U.S. MERCH IMPORTS, SCHED A, MIN FUEL, COAL ETC	DOLLARS/TON	TRANSFORMATION
PUIMCGT331	882	E	UNIT PRICE, U.S. MERCH IMPORTS, SCHED A, MIN FUEL, CRUDE PETROL	DOLLARS/BARREL	TRANSFORMATION
PUIMCGT3324	883	E	UNIT PRICE, U S MERCH IMPORTS, SCHED A, MIN FUEL, RESID FUEL OIL	DOLLARS/BARREL	TRANSFORMATION
PUIMCGT34	884	E	UNIT PRICE, U S MERCH IMPORTS, SCHED A, MIN FUEL, NAT GAS	CENTS/THOU CU FT	TRANSFORMATION
PW	936	R	WHOLESALE PRICE INDEX, ALL COMMODITIES	1967 = 100.	BLS WPI REPORT
PWDMF	941	R	WHLSLE PRICE INDEX, BY DURABILITY, TOTAL MANUFACTURES	1967 = 100.	BLS WPI REPORT
PWPC	935	R	WHLSLE PRICE INDEX, BY PROCESS STAGE, CRUDE MAT FOR MORE PROCESS	1967 = 100.	BLS WPI REPORT
PWPF	940	R	WHLSLE PRICE INDEX, BY PROCESS STAGE, FINISHED GOODS	1967 = 100.	BLS WPI REPORT
PWPFC	939	R	WHLSLE PRICE INDEX, BY PROCESS STAGE, FINISHED GOODS, CONSUMER	1967 = 100.	BLS WPI REPORT
PWPFP	938	R	WHLSLE PRICE INDEX, BY PROCESS STAGE, FINISHED GOODS, PRODUCER	1967 = 100.	BLS WPI REPORT
PWPI	937	R	WHLSLE PRICE INDEX, BY PROCESS STAGE, INTERMEDIATE MAT & SUPPLY	1967 = 100.	BLS WPI REPORT
PXVGAG	94	R	IMPL GPO DEFLATOR; AGRICULTURE, FORESTRY & FISHERIES, AG SERVICE	1972 = 100	BEA WORKFILE
PXVGCC	933	R	IMPL GPO DEFLATOR; CONTRACT CONSTRUCTION & FISHERIES, AG SERVICE	1972 = 100	BEA WORKFILE
PXVGGO	96	I	OUTPUT, PRICE DEFLATOR, GPORES	1972 = 100.	TRANSFORMATION
PXVGGV	501	I	IMPL GPO DEFLATOR; GOVERNMENT AND GOVERNMENT ENTERPRISES, TOTAL	1972 = 100	BEA WORKFILE
PXVGGVEF	122	R	IMPL GPO DEFLATOR; GOVERNMENT; FEDERAL, ENTERPRISES	1972 = 100	BEA WORKFILE
PXVGGVSF	123	R	IMPL GPO DEFLATOR; GOVERNMENT; STATE & LOCAL, GENERAL	1972 = 100	BEA WORKFILE
PXVGM	292	I	IMPL GPO DEFLATOR; MANUFACTURING, TOTAL	1972 = 100	BEA WORKFILE
PXVGMD	297	I	IMPL GPO DEFLATOR; MANUFACTURING, DURABLE GOODS	1972 = 100	BEA WORKFILE
PXVGMD24	107	R	IMPL GPO DEFLATOR; MFG, DUR; LUMBER & WOOD PRODUCTS, EX FURN	1972 = 100	BEA WORKFILE
PXVGMD25	108	R	IMPL GPO DEFLATOR; MFG, DUR; FURNITURE & FIXTURES	1972 = 100	BEA WORKFILE
PXVGMD32	109	R	IMPL GPO DEFLATOR; MFG, DUR; STONE, CLAY & GLASS	1972 = 100	BEA WORKFILE
PXVGMD33	110	R	IMPL GPO DEFLATOR; MFG, DUR; PRIMARY METALS	1972 = 100	BEA WORKFILE
PXVGMD34	111	R	IMPL GPO DEFLATOR; MFG, DUR; FABRICATED METALS	1972 = 100	BEA WORKFILE
PXVGMD35	112	R	IMPL GPO DEFLATOR; MFG, DUR; MACHINERY, EXCEPT ELECTRICAL	1972 = 100	BEA WORKFILE
PXVGMD36	113	R	IMPL GPO DEFLATOR; MFG, DUR; ELECTRICAL & ELECTRONIC EQUIP,	1972 = 100	BEA WORKFILE
PXVGMD37SP1	114	R	OUTPUT, PRICE DEFL, TRANS EQUIP & ORD EXC MOTOR VEH(MFD 372.9+19	1972 = 100.	BEA WORKFILE
PXVGMD37SP2	268	R	OUTPUT, PRICE DEFLA, DOMESTIC TRANS EQ+ORD+MISC (MFD372.9+19+39)	1972 = 100.	TRANSFORMATION
PXVGMD371	115	R	IMPL GPO DEFLATOR; MFG, DUR; MOTOR VEHICLES & EQUIP,	1972 = 100	BEA WORKFILE
PXVGMD38	116	R	IMPL GPO DEFLATOR; MFG, DUR; INSTRUMENTS & RELATED PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMD39	117	R	IMPL GPO DEFLATOR; MFG, DUR; MISCELLANEOUS MFG,	1972 = 100	BEA WORKFILE

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VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
PXVGMFN	298	I	IMPL GPO DEFLATOR; MANUFACTURING, NONDURABLE GOODS	1972 = 100	BEA WORKFILE
PXVGMFN20	97	R	IMPL GPO DEFLATOR; MFG, NONDUR; FOOD & KINDRED PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMFN21	98	R	IMPL GPO DEFLATOR; MFG, NONDUR; TOBACCO	1972 = 100	BEA WORKFILE
PXVGMFN22	99	R	IMPL GPO DEFLATOR; MFG, NONDUR; APPAREL & RELATED PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMFN23	100	R	IMPL GPO DEFLATOR; MFG, NONDUR; APPAREL & RELATED PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMFN26	101	R	IMPL GPO DEFLATOR; MFG, NONDUR; PAPER & ALLIED PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMFN27	102	R	IMPL GPO DEFLATOR; MFG, NONDUR; PRINTING & PUBLISHING	1972 = 100	BEA WORKFILE
PXVGMFN28	103	R	OUTPUT, PRICE DEFLATOR, CHEMICALS & ALLIED PRODUCTS	1972 = 100.	BEA WORKFILE
PXVGMFN29	104	I	IMPL GPO DEFLATOR; MFG, NONDUR; PETROLEUM & RELATED INDUSTRIES	1972 = 100	BEA WORKFILE
PXVGMFN30	105	R	IMPL GPO DEFLATOR; MFG, NONDUR; RUBBER & MISC PLASTIC PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMFN31	106	R	IMPL GPO DEFLATOR; MFG, NONDUR; LEATHER & LEATHER PRODUCTS	1972 = 100	BEA WORKFILE
PXVGMG	95	I	IMPL GPO DEFLATOR; MINING; TOTAL	1972 = 100	BEA WORKFILE
PXVGOTIVA	125	E	OUTPUT, PRICE DEFLATOR, INVENTORY VALUATION ADJUSTMENT	1972 = 100.	SERIES NOT AVAI
PXVGRGC48	119	R	IMPL GPO DEFLATOR; COMMUNICATIONS, TOTAL	1972 = 100	BEA WORKFILE
PXVGRGT	118	R	IMPL GPO DEFLATOR; TRANSPORTATION, TOTAL	1972 = 100	BEA WORKFILE
PXVGRGU49	120	R	IMPL GPO DEFLATOR; ELECTRIC, GAS & SANITARY SERVICES	1972 = 100	BEA WORKFILE
PXVGSV	930	R	IMPL GPO DEFLATOR; SERVICES, TOTAL	1972 = 100	BEA WORKFILE
PXVIDO	1174	R	IMPL DEFL, GROSS PROD ORIG, W/O IBT, COMMERCIAL AND OTHER	1972 = 100	TRANSFORMATION
PXVIMFN29	1006	R	OUTPUT, PRICE DEFL, W/O IBT, MFG, NONDUR, PETROLEUM	1972 = 100.	TRANSFORMATION
PXVIMG	1003	R	OUTPUT, PRICE DEFLATOR, W/O IBT, MINING	1972 = 100.	TRANSFORMATION
RACEDACP	1060	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; AUTO PARTS	PERCENTAGE	TRANSFORMATION
RACEDAVN	1058	E	RATIO, PERSONAL CONS OF NEW AUTOS TO TOTAL CONSUMPTION	RATIO	TRANSFORMATION
RACEDAVNIMP	1057	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; NEW AUTOS	PERCENTAGE	TRANSFORMATION
RACEDAVP+TIMP	1059	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; TRUCKS & RV	PERCENTAGE	TRANSFORMATION
RACEDAVUIMP	1058	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; USED AUTOS	PERCENTAGE	TRANSFORMATION
RACEDEIMP	1061	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; FURNITURE	PERCENTAGE	TRANSFORMATION
RACEDUIMP	1062	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; OTH. DUR.	PERCENTAGE	TRANSFORMATION
RACEECIMP	1064	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; CLOTHING	PERCENTAGE	TRANSFORMATION
RACEFEIMP	1063	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; FOOD & BEV.	PERCENTAGE	TRANSFORMATION
RACEGGAUTO	1089	E	REAL COST PER GALLON OF GAS	CONSTANT $	TRANSFORMATION
RACEGGIMP	1065	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; GASOLINE	PERCENTAGE	TRANSFORMATION
RACEOUNIMP	1066	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; OTH. NONDUR.	PERCENTAGE	TRANSFORMATION
RACESHIMP	1067	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; HOUSING SERV.	PERCENTAGE	TRANSFORMATION
RACESUIMP	1070	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; OTH. SERVICES	PERCENTAGE	TRANSFORMATION
RACESSIMP	1068	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; HH OP. SERV.	PERCENTAGE	TRANSFORMATION
RACESTIMP	1069	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; CONS. EXP; TRANS. SERV.	PERCENTAGE	TRANSFORMATION
RAGVFEIMP	1073	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; FED. GOV. PURCHASES	PERCENTAGE	TRANSFORMATION
RAGVSEIMP	1074	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; S&L GOV. PURCHASES	PERCENTAGE	TRANSFORMATION
RAINRSIMP	1071	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; NONRESIDENTIAL INVEST.	PERCENTAGE	TRANSFORMATION
RAINRSIMP	1072	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; RESIDENTIAL INVESTMENT	PERCENTAGE	TRANSFORMATION
RAEXS+OTHIMP	1079	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; EXPORTS; SERV. & OTH.	PERCENTAGE	TRANSFORMATION
RAEXGDO+IIMP	1075	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; EXPORTS; FOOD	PERCENTAGE	TRANSFORMATION
RAEXGDO2+AIMP	1076	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; EXPORTS; CRUDE MATER.	PERCENTAGE	TRANSFORMATION
RAEXGDS1IMP	1077	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; EXPORTS; FUELS	PERCENTAGE	TRANSFORMATION
RAEXGDS.91IMP	1078	I	RATIO; IMPORTED FINAL DEMAND / FIN DEM; EXPORTS; MFG. GOODS	PERCENTAGE	TRANSFORMATION
RATXESI-S	1010	E	EFFECT, TAX-PAYOUT CONTRIB FOR SOC INS TO PERS INC LESS TRANSFERS	PERCENT	TRANSFORMATION
RATXIPERS	955	R	RATIO, SHARE OF INDIVIDUAL RETURNS WITH STD DEDUCTION TO TOTAL	RATIO	TRANSFORMATION
RATSSC	1168	I	PERCENT OF PRIVATE EARNINGS COVERED BY SOCIAL SECURITY	PERCENT	TRANSFORMATION

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VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
BASESS	1167	R	PERCENT OF COVERED EARNINGS LEVEL SUBJ TO SOCIAL SECURITY TAX	PERCENT	SOC SEC BULL
BAYPST	1007	E	RATIO, PERS INC OF STATES W/ INC TAX TO TOTAL ST PERS INCOME	RATIO	TRANSFORMATION
BFT$	886	I	UNDISTRIBUTED CORPORATE PROFITS, TOTAL	BILL CURRENT $	SCB 1,13
BFXCA	806	E	EXCHANGE RATE, U.S. CENTS PER CANADIAN DOLLAR	CENTS/UNIT	FRB A-75
BFXFR	807	E	EXCHANGE RATE, U.S. CENTS PER FRENCH FRANC	CENTS/UNIT	FRB A-75
BFXGE	808	E	EXCHANGE RATE, U.S. CENTS PER GERMAN MARK	CENTS/UNIT	FRB A-75
BFXIT	809	E	EXCHANGE RATE, U.S. CENTS PER ITALIAN LIRE	CENTS/UNIT	FRB A-75
BFXJA	811	E	EXCHANGE RATE, U.S. CENTS PER JAPANESE YEN	CENTS/UNIT	FRB A-75
BFXME	812	E	EXCHANGE RATE, U.S. CENTS PER MEXICAN PESO	CENTS/UNIT	FRB A-75
BFXUK	810	E	EXCHANGE RATE, U.S. CENTS PER ENGLISH POUND	CENTS/UNIT	FRB A-75
BFXWA	808	I	WEIGHTED AVERAGE, EXCHANGE RATE INDEX IN 6 COUNTRIES (IMPORT WT)	1972 = 100.	TRANSFORMATION
SAMRRDAV	1046	R	SALES, RETAIL, NEW PASSENGER CARS, DOMESTIC PLUS IMPORTS	MILLIONS	TRANSFORMATION
SD$	466	E	STATISTICAL DISCREPANCY	BILL CURRENT $	SCB 1,9
SUPTE$	520	I	SUPPLEMENTS TO WAGES & SALARIES, EMPLOYER CONTRIB FOR SOCIAL INS	BILL CURRENT $	SCB 1,13
TB4	791	I	U.S. NET EXPORTS OF GOODS AND SERVICES	BILL CONSTANT $	SCB 1,2
TB4$	655	I	U.S. NET EXPORTS OF GOODS AND SERVICES	BILL CURRENT $	SCB 1,1
TBNCAR$	1452	I	U.S. BAL OF PAY, BAL ON CURRENT ACCT, INCL REINVESTED EARNINGS	BILL CURRENT $	SCB BOP 2-79
TBX	86	I	U.S. EXPORTS OF GOODS AND SERVICES	BILL CONSTANT $	SCB 1,2
TBX$	615	I	U.S. EXPORTS OF GOODS AND SERVICES	BILL CURRENT $	SCB 1,1
TBXA$	896	E	U.S. EXPORTS, ADJ FACTOR FOR PERIODS WHEN TBX$(BOP) NE TBX$(NIA)	BILL CURRENT $	TRANSFORMATION
TBXC$	895	E	U.S. EXPORTS, CONCEPTUAL DIFF BETWEEN CENSUS & BOP MERCHANDISE	BILL CURRENT $	TRANSFORMATION
TBXDF	875	I	U.S. EXPORTS, TRANSFERS UNDER US MILITARY AGENCY SALES CONTRACTS	BILL CONSTANT $	TRANSFORMATION
TBXDF$	869	E	U.S. EXPORTS, TRANSFERS UNDER U.S. MILITARY AGENCY SALE CONTRACT	BILL CURRENT $	SCB BOP 1-3
TBXGTEDOD	897	I	U.S. EXPORTS, MERCHANDISE, ADJUSTED, EXCLUDING MILITARY (BOP)	BILL CONSTANT $	TRANSFORMATION
TBXGTEDOD$	898	I	U.S. EXPORTS, MERCHANDISE, ADJUSTED, EXCLUDING MILITARY	BILL CURRENT $	SCB BOP 1-2
TBXS	870	I	U.S. EXPORTS, SERVICES, TOTAL (BOP BASIS)	BILL CONSTANT $	TRANSFORMATION
TBXS+OTH	1162	I	EXPORTS: SERVICES PLUS OTHER; CONSTANT DOLLARS	CONSTANT DOLLARS	TRANSFORMATION
TBXS+OTH$	1163	I	EXPORTS: SERVICES PLUS OTHER; CURRENT DOLLARS	CURRENT DOLLARS	TRANSFORMATION
TBXS$	882	I	U.S. EXPORTS, SERVICES, TOTAL	BILL CURRENT $	TRANSFORMATION
TBXSIE$	854	R	U.S. EXPORTS, SERVICES, RECEIPTS OF INCOME ON U.S. INVEST ABROAD	BILL CURRENT $	TRANSFORMATION
TBXSIER$	1446	E	U.S. EXPORTS, SVCS, INVEST INCOME, REINVESTED EARNINGS	BILL CURRENT $	SCB BOP 1-13
TBXSOT$	868	E	U.S. EXPORTS, SERVICES, OTHER	BILL CURRENT $	TRANSFORMATION
TBXSTRO$	857	R	U.S. EXPORTS, SERVICES, TRANSPORTATION, OTHER	BILL CURRENT $	SCB BOP 1-6
TBXSTRP$	856	R	U.S. EXPORTS, SERVICES, TRANSPORTATION, PASSENGER FARES	BILL CURRENT $	SCB BOP 1-5
TBXSTV$	855	R	U.S. EXPORTS, SERVICES, TRAVEL	BILL CURRENT $	SCB BOP 1-4
TECGD	871	I	U.S. DOMESTIC MERCHANDISE EXPORTS, SCHEDULE B SECTIONS, TOTAL	BILL CONSTANT $	TRANSFORMATION
TECGD$	866	I	U.S. DOMESTIC MERCHANDISE EXPORTS, SCHEDULE B SECTIONS, TOTAL	BILL CURRENT $	FT990 - TABLE 4
TECGDPL480$	847	E	VALUE OF U.S. AGRICULTURAL EXPORTS UNDER PUBLIC LAW 480 (CAL YR)	BILL CURRENT $	FT990
TECGD0+1	859	I	U.S. DOMESTIC EXPORTS, SCHED B, FOOD, BEVERAGES AND TOBACCO	BILL CONSTANT $	TRANSFORMATION
TECGD0+1$	851	R	U.S. DOMESTIC EXPORTS, SCHED B, FOOD, BEVERAGES AND TOBACCO	BILL CURRENT $	TRANSFORMATION
TECGD2+4	860	I	U.S. DOMESTIC EXPORTS, SCHED B, CRUDE MATERIALS EXCEPT FUEL	BILL CONSTANT $	TRANSFORMATION
TECGD2+4$	852	R	U.S. DOMESTIC EXPORTS, SCHED B, CRUDE MATERIAL EXCEPT FUEL	BILL CURRENT $	TRANSFORMATION
TECGD3	862	E	U.S. DOMESTIC EXPORTS, SCHED B, MINERAL FUELS & LUBRICANTS, ETC	BILL CONSTANT $	TRANSFORMATION
TECGD3$	861	I	U.S. DOMESTIC EXPORTS, SCHED B, MINERAL FUELS & LUBRICANTS, ETC	BILL CURRENT $	FT990 - TABLE 4
TECGD5,9	870	I	U.S. DOMESTIC EXPORTS, SCHED B, MANUFACTURED GOODS	BILL CONSTANT $	TRANSFORMATION
TECGD5,9$	865	I	U.S. DOMESTIC EXPORTS, SCHED B, MANUFACTURED GOODS	BILL CURRENT $	TRANSFORMATION
TECGD5,9-3-2203	853	R	U.S. DOMESTIC MERCH EXPORTS, SECTIONS 5 THRU 9 - CARS - AIRCRAFT	BILL CURRENT $	TRANSFORMATION
TEUCT2203	864	E	U.S. MERCH EXPORTS, END-USE, CIVILIAN AIRCRAFT, ENGINES & PARTS	BILL CURRENT $	SCB BOP 3-D32

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
XEXGT$	863	E	U.S. MERCHANDISE EXPORTS, END-USE, AUTOMOTIVE VEHICLES & PARTS	BILL CURRENT $	SCB BOP 3-035
XFRU$	1641	E	US INT'L TRANSACTIONS, UNILATERAL TRANSFERS EXCL MIL GRANTS, NET	BILL CURRENT $	SCB BOP 2-35
XTW	794	E	WORLD TRADE, VOLUME	1972 = 100.	TRANSFORMATION
XU	87	I	U.S. IMPORTS OF GOODS AND SERVICES	BILL CONSTANT $	SCB 1,2
XU$	634	I	U.S. IMPORTS OF GOODS AND SERVICES	BILL CURRENT $	SCB 1,1
XUA$	914	E	U.S. IMPORTS, ADJ FACTOR FOR PERIODS WHEN XMB$(BOP) NE XMB$(NIA)	BILL CURRENT $	TRANSFORMATION
XUCE	912	E	U.S. IMPORTS, CONCEPTUAL DIFF BETWEEN CENSUS & BOP MERCHANDISE	BILL CURRENT $	TRANSFORMATION
XUDE	891	I	U.S. IMPORTS, DIRECT DEFENSE EXPENDITURES	BILL CONSTANT $	TRANSFORMATION
XUDE$	621	E	U.S. IMPORTS, DIRECT DEFENSE EXPENDITURES	BILL CURRENT $	SCB BOP 1-19
XUGTEDOD	917	I	U.S. IMPORTS, MERCHANDISE, ADJUSTED EXCLUDING MILITARY	BILL CONSTANT $	TRANSFORMATION
XUGTEDOD$	913	I	U.S. IMPORTS, MERCHANDISE, ADJUSTED EXCLUDING MILITARY	BILL CURRENT $	SCB BOP 1-18
XUS	632	I	U.S. IMPORTS, SERVICES, TOTAL	BILL CONSTANT $	TRANSFORMATION
XUS+OTH	1165	I	IMPORTS: SERVICES PLUS OTHER: CONSTANT DOLLARS	CONSTANT DOLLARS	TRANSFORMATION
XUS+OTH$	1166	I	IMPORTS: SERVICES PLUS OTHER: CURRENT DOLLARS	CURRENT DOLLARS	TRANSFORMATION
XUS$	633	I	U.S. IMPORTS, SERVICES, TOTAL	BILL CURRENT $	TRANSFORMATION
XUSIE$	839	B	U.S. IMPORTS, SERVICES, PAYMENTS OF INCOME ON US INVEST ABROAD	BILL CURRENT $	TRANSFORMATION
XUSIER$	1445	E	U.S. IMPORTS, SVCS, INVESTMENT PAY, REINVESTED EARNINGS	BILL CURRENT $	SCB BOP 1-29
XUSOT$	620	E	U.S. IMPORTS, SERVICES, OTHER	BILL CURRENT $	TRANSFORMATION
XUSTRO$	843	B	U.S. IMPORTS, SERVICES, TRANSPORTATION, OTHER	BILL CURRENT $	SCB BOP 1-22
XUSTRP$	841	B	U.S. IMPORTS, SERVICES, TRANSPORTATION, PASSENGER FARES	BILL CURRENT $	SCB BOP 1-21
XUSTV$	840	B	U.S. IMPORTS, SERVICES, TRAVEL	BILL CURRENT $	SCB BOP 1-20
XUGT	631	I	U.S. GENERAL MERCHANDISE IMPORTS, SCHEDULE A SECTIONS, TOTAL	BILL CONSTANT $	TRANSFORMATION
XUGT$	619	I	U.S. GENERAL MERCHANDISE IMPORTS, SCHEDULE A SECTIONS, TOTAL	BILL CURRENT $	FT990 - TABLE 6A
XUGT0+1	628	I	U.S. GENERAL IMPORTS, SCHED A, FOOD, BEVERAGES, AND TOBACCO	BILL CONSTANT $	TRANSFORMATION
XUGT0+1$	836	B	U.S. GENERAL IMPORTS, SCHED A, FOOD, BEVERAGES AND TOBACCO	BILL CURRENT $	TRANSFORMATION
XUGT2+4	629	I	U.S. GEN IMPORTS, SCHED A SECTIONS, CRUDE MATERIALS EXCEPT FUEL	BILL CONSTANT $	TRANSFORMATION
XUGT2+4$	837	B	U.S. GEN IMPORTS, SCHED A SECTIONS, CRUDE MATERIAL EXCEPT FUEL	BILL CURRENT $	TRANSFORMATION
XUGT3	915	I	U.S. GENERAL IMPORTS, SCHED A, MINERAL FUELS & LUBRICANTS, ETC.	BILL CONSTANT $	TRANSFORMATION
XUGT3$	911	I	U.S. GENERAL IMPORTS, SCHED A, MINERAL FUELS & LUBRICANTS, ETC.	BILL CURRENT $	FT990 - TABLE 6A
XUGT3OT	916	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUBE, OTHER REFINED PRODUCTS	BILL CONSTANT $	TRANSFORMATION
XUGT3OT$	890	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUBE, OTHER REFINED PRODUCTS	BILL CURRENT $	TRANSFORMATION
XUGT32	906	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUBE, COAL, COKE ETC.	BILL CONSTANT $	TRANSFORMATION
XUGT32+OT	1171	I	IMPORTS: FUELS: OTHER REFINED PRODUCTS + OTHER FUELS: CONSTANT $	CONSTANT DOLLARS	TRANSFORMATION
XUGT32+OT$	1172	I	IMPORTS: FUELS: OTHER REFINED PRODUCTS + OTHER FUELS: CURRENT $	CURRENT DOLLARS	TRANSFORMATION
XUGT32$	886	I	U.S. GEN IMPORTS, SCHED A, MINERAL FUEL&LUBE, COAL, COKE, ETC.	BILL CURRENT $	FT-150
XUGT331	907	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, PETROLEUM, CRUDE	BILL CONSTANT $	TRANSFORMATION
XUGT331$	887	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, PETROLEUM, CRUDE	BILL CURRENT $	FT-150
XUGT3324	908	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, RESIDUAL FUEL OILS	BILL CONSTANT $	TRANSFORMATION
XUGT3324$	888	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, RESIDUAL FUEL OILS	BILL CURRENT $	FT-150
XUGT34	909	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, GAS, NATURAL & MFG'D	BILL CONSTANT $	TRANSFORMATION
XUGT34$	889	I	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, GAS, NATURAL & MFG'D	BILL CURRENT $	FT-150
XUGT5,9	630	I	U.S. GENERAL IMPORTS, SCHED A SECTIONS, MANUFACTURED GOODS	BILL CONSTANT $	TRANSFORMATION
XUGT5,9$	618	I	U.S. GENERAL IMPORTS, SCHED A SECTIONS, MANUFACTURED GOODS	BILL CURRENT $	TRANSFORMATION
XUGT5,9-UGT3$	838	B	U.S. GEN IMPORTS, SCHED A, MANUFACTURED GOODS MINUS END-USE AUTO	BILL CURRENT $	TRANSFORMATION
XUGT$OT	880	E	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUBE, OTHER REFINED	MILLIONS BARRELS	TRANSFORMATION
XUGT32	876	E	U.S. MERCH IMPORTS, SCHED A, MIN FUEL&LUBE, COAL, COKE ETC.	MILLIONS TONS	TRANSFORMATION
XUGT331	877	E	U.S. MERCH IMPORTS, MINERAL FUEL&LUB, CRUDE PETROLEUM	MILLIONS BARRELS	NON PETROLEUM ST
XUGT3324	878	E	U.S. MERCH IMPORTS, MINERAL FUEL&LUB, REFINED, RESIDUAL FUEL OIL	MILLIONS BARRELS	NON PETROLEUM ST

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
IMGT3Q	879	E	U.S. GEN IMPORTS, SCHED A, MIN FUEL&LUB, NATURAL GAS	BILL CUBIC FEET	AMERICAN GAS ASN
IMGT3$	867	I	U.S. MERCHANDISE IMPORTS, END-USE, AUTOMOTIVE VEHICLES & PARTS	BILL CURRENT $	SCB BOP 3-D84
IMGT3C$	616	I	U.S. MERCHANDISE IMPORTS, END-USE, AUTOS & PARTS, FROM CANADA	BILL CURRENT $	SCB BOP 3-D85
IMGT3C$/CEDA$	898	E	RATIO, CANADIAN IMPORTED AUTOS TO TOTAL AUTO& PART CONSUMPTION	RATIO	TRANSFORMATION
IMGT3O$	617	I	U.S. MERCHANDISE IMPORTS, END-USE, AUTO&PARTS, EXCEPT CANADIAN	BILL CURRENT $	TRANSFORMATION
IMGT3S$/CEDA$	899	E	RATIO, NON-CANADIAN IMPORTED AUTOS TO TOTAL AUTO&PART CONSUMPTIO	RATIO	TRANSFORMATION
TRBU$	465	E	TRANSFER PAYMENTS, BUSINESS	BILL CURRENT $	SCB 1.9
TRGF$	543	I	FED GOVT EXPEND, TRANSFER PAYMENTS, TOTAL	BILL CURRENT $	SCB 3.2
TRGFF$	542	E	FED GOVT EXPEND, TRANSFER PAYMENTS, TO FOREIGNERS	BILL CURRENT $	SCB 3.2
TRGP	1175	I	FEDERAL GOVT EXPENDITURES, TRANSFER PAYMENTS, TO PERSONS	BILL CONSTANT $	TRANSFORMATION
TRGP$	492	I	FED GOVT EXPEND, TRANSFER PAYMENTS, TO PERSONS	BILL CURRENT $	SCB 3.2
TRGPF	1014	E	FED GOVT EXPEND, TRANSFER PAY, TO PERSONS, FOOD STAMP BENEFITS	BILL CONSTANT $	TRANSFORMATION
TRGPMV	1177	E	FED GOVT EXPEND, TRANSFERS TO PER, MIL RETIRE + VETERAN BENEFIT	BILL CONSTANT $	TRANSFORMATION
TRGPRES	1178	E	FED GOVT EXPEND, TRANSFER PAY, OTHER"	BILL CONSTANT $	TRANSFORMATION
TRGPSH	1015	E	FED GOVT EXPEND, TRANSFER PAY, TO PERSONS, MEDICARE	BILL CONSTANT $	TRANSFORMATION
TRGPSO	1176	E	FED GOVT EXPEND, TRANSFER TO PERSONS, SOC SEC BENEFITS	BILL CONSTANT $	TRANSFORMATION
TRGSP	1179	E	ST & LOCAL GOVT EXPENDITURES, TRANSFER PAYMENTS TO PERSONS	BILL CONSTANT $	TRANSFORMATION
TRGSP$	495	I	ST&LOCAL GOVT EXPENDITURES, TRANSFER PAYMENTS TO PERSONS	BILL CURRENT $	SCB 3.4
TRPFF$	540	E	PERSONAL TRANSFER PAYMENTS TO FOREIGNERS, NET	BILL CURRENT $	SCB 2.1
TRTOP	947	I	TRANSFER PAYMENTS TO PERSONS, TOTAL	BILL CONSTANT $	TRANSFORMATION
TRTOP$	494	I	TRANSFER PAYMENTS TO PERSONS, TOTAL	BILL CURRENT $	SCB 2.1
TRTOPU	493	I	TRANSFER PAYMENTS TO PERSONS; GOVT UNEMPLOYMENT INSURANCE	BILL CONSTANT $	TRANSFORMATION
TRTOPU$	491	R	TRANSFER PAYMENTS TO PERSONS; GOVT UNEMPLOYMENT INSURANCE	BILL CURRENT $	SCB 2.1
TXCB$	466	I	INDIRECT BUSINESS TAXES AND NONTAX LIABILITY	BILL CURRENT $	SCB 1.9
TXCBF$	471	R	FEDERAL GOVT RECEIPTS, INDIRECT BUSINESS TAX & NONTAX ACCRUALS	BILL CURRENT $	SCB 3.2
TXCBF-GAS$/YN$	951	I	IMPLICIT TAX RATE, FEDERAL, NON GAS TAX BUS TAX COLLECTIONS	PERCENT	TRANSFORMATION
TXCBFEGAS$	802	R	FED GOVT RECEIPTS, IND BUS TAX & NONTAX, EXCISE TAXES, GASOLINE	BILL CURRENT $	TRANSFORMATION
TXCBFEUG$	1173	E	FED GOVT REC, INDIRECT BUSINESS TAXES, ENERGY BILL RECEIPTS	BILL CURRENT $	WHARTON E.F.A.
TXCBS$	476	R	ST&LOCAL RECEIPTS, INDIRECT BUSINESS TAX AND NONTAX ACCRUALS	BILL CURRENT $	SCB 3.4
TXCBS-GAS$/YN$	950	I	IMPLICIT TAX RATE, ST & LOCAL, NON GAS TAX BUS TAX COLLECTIONS	PERCENT	TRANSFORMATION
TXCBSSGAS$	803	R	ST&LOCAL RECEIPTS, IND BUS TAX & NONTAXES, SALES TAXES, GASOLINE	BILL CURRENT $	TRANSFORMATION
TXCCF$	482	R	FEDERAL GOVT RECEIPTS, CORPORATE PROFITS TAX ACCRUALS	BILL CURRENT $	SCB 3.2
TXCCS$	484	R	STATE & LOCAL GOVT RECEIPTS, CORPORATE PROFITS TAX ACCRUALS	BILL CURRENT $	SCB 3.4
TXCCT$	460	I	CORPORATE PROFITS TAX LIABILITY, TOTAL	BILL CURRENT $	SCB 1.13
TXCP$	535	I	PERSONAL TAX AND NONTAX LIABILITY, TOTAL	BILL CURRENT $	SCB 2.1
TXCPF$	523	R	FEDERAL GOVT RECEIPTS, PERSONAL TAX AND NONTAX RECEIPTS	BILL CURRENT $	SCB 3.2
TXCPS$	511	R	ST & LOCAL GOVT RECEIPTS, PERSONAL TAX & NONTAX RECEIPTS	BILL CURRENT $	SCB 3.4
TXCSIF$	496	I	FEDERAL GOVT RECEIPTS, CONTRIBUTIONS FOR SOCIAL INSURANCE	BILL CURRENT $	SCB 3.2
TXCSIF-SS	1170	R	FED GOVT REC, CONTRIB FOR SOCIAL INS, TOTAL LESS OASDHI CONTRIB	BILL CURRENT $	TRANSFORMATION
TXCSIFS$	1169	R	FED GOVT REC, CONTRIB FOR SOCIAL INS, TOTAL, OASDHI	BILL CURRENT $	TRANSFORMATION
TXCSIS$	502	R	ST&LOCAL GOVT RECEIPTS, CONTRIBUTIONS FOR SOCIAL INSURANCE	BILL CURRENT $	SCB 3.4
TXCSIP$	505	I	CONTRIBUTIONS FOR SOCIAL INSURANCE, PERSONAL	BILL CURRENT $	SCB 2.1
TXCSIP$/TXCSI$	506	E	RATIO, EMPLOYEE CONTRIBUTIONS FOR SOC. INS. TO TOTAL	PERCENT	TRANSFORMATION
TXCSI$	504	I	CONTRIBUTIONS FOR SOCIAL INSURANCE, TOTAL	BILL CURRENT $	SCB 1.9
TXDFBOV$	509	I	PERSONAL FEDERAL TAXES, VALUE OF TOTAL INDIVIDUAL DEDUCTIONS	BILL CURRENT $	INCOME STAT-FORE
TXDFBOVI$	960	I	PERS FED TAXES, VALUE OF TOTAL INDIVIDUAL ITEMIZED DEDUCTIONS	BILL CURRENT $	INCOME STAT-FORE
TXDFBOVIPR$	954	R	PERS FED TAXES, VALUE OF ITEMIZED DEDUCTIONS PER INDIVID RETURN	THOU CURRENT $	TRANSFORMATION
TXDFBOVS$	961	I	PERS FED TAXES, VALUE OF TOTAL INDIVIDUAL STANDARD DEDUCTIONS	BILL CURRENT $	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
TXPERDUSPR$	959	E	PERS FED TAXES, VALUE OF STANDARD DEDUCTIONS PER INDIVID RETURN	THOU CURRENT $	TRANSFORMATION
TXPERFU	508	R	PERSONAL FEDERAL TAXES, TOTAL NUMBER OF INDIVIDUAL EXEMPTIONS	MILLIONS	INCOME STAT-FORE
TXPERFV$	513	E	PERSONAL FEDERAL TAXES, VALUE OF AN INDIVIDUAL EXEMPTION	THOU CURRENT $	INCOME STAT-PERS
TXPERR	954	R	PERSONAL FEDERAL TAXES, TOTAL INDIVIDUAL RETURNS	MILLIONS	INCOME STAT-FORE
TXPERRIT	957	I	PERSONAL FED TAXES, INDIVIDUAL RETURNS WITH ITEMIZED DEDUCTIONS	MILLIONS	INCOME STAT-FORE
TXPERRIS	956	I	PERS FED TAXES, INDIVIDUAL RETRUNS W/ STD DEDUC/NO GROSS INCOME	MILLIONS	TRANSFORMATION
TXPFY1	516	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 1ST BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY2	517	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 2ND BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY3	518	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 3RD BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY4	519	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 4TH BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY5	520	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 5TH BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY6	521	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 6TH BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY7	522	R	PROPORTION OF TAXABLE INCOME TAXED AT THE 7TH BRACKET RATE	RATIO	INCOME STAT-FORE
TXPFY8+	962	R	PROPORTION OF TAXABLE INCOME TAXED AT 8 & OVER BRACKET RATE	RATIO	TRANSFORMATION
TXSSMAXY$	499	E	OASI, MAXIMUM TAXABLE INDIVIDUAL WAGES AND SALARIES	THOU CURRENT $	SOC SEC BULLETIN
TXSSRTIO	498	E	OASI, RATIO:NUMBER OF EMPLOYEES WHO CONTRIBUTE/TOTAL EMPLOYEES	RATIO	SOC SEC BULLETIN
TXRATECO-GAS	1004	E	TAX RATE, IND BUS TAXES, COMM'L & OTHER, EXCL GAS TAXES	PERCENT	TRANSFORMATION
TXRATEF	474	I	TAX RATE, INDIRECT BUSINESS, FEDERAL	PERCENT	TRANSFORMATION
TXRATEMF129	1009	E	TAX RATE, INDIRECT BUS TAXES, MFG, NONDUR, PETROLEUM	PERCENT	TRANSFORMATION
TXRATEMG	1005	E	TAX RATE, INDIRECT BUS TAXES, MINING	PERCENT	TRANSFORMATION
TXRATES	477	I	TAX RATE, INDIRECT BUSINESS, STATE	PERCENT	TRANSFORMATION
TXRCHSP	973	E	PROPERTY TAX RATE, OWNER OCCUPIED RESIDENTIAL STRUCTURES	PERCENT	TRANSFORMATION
TXRCTEF	483	E	TAX RATE, CORPORATE PROFITS, FEDERAL	PERCENT	TRANSFORMATION
TXRCTES	485	I	TAX RATE, CORPORATE PROFITS, STATE	PERCENT	TRANSFORMATION
TXRTEFAG	725	E	EFFECTIVE CORP. TAX RATE, FARM	PERCENT	TRANSFORMATION
TXRTEFCO	1439	E	EFFECTIVE CORP. TAX RATE, COMMERCIAL & OTHER	PERCENT	TRANSFORMATION
TXRTEFMFD24	709	E	EFFECTIVE CORP. TAX RATE, LUMBER	PERCENT	TRANSFORMATION
TXRTEFMFD25	710	E	EFFECTIVE CORP. TAX RATE, FURNITURE	PERCENT	TRANSFORMATION
TXRTEFMFD32	707	E	EFFECTIVE CORP. TAX RATE, STONE, CLAY & GLASS	PERCENT	TRANSFORMATION
TXRTEFMFD33	702	E	EFFECTIVE CORP. TAX RATE, PRIMARY METALS	PERCENT	TRANSFORMATION
TXRTEFMFD34	708	E	EFFECTIVE CORP. TAX RATE, FABRICATED METAL PRODUCTS	PERCENT	TRANSFORMATION
TXRTEFMFD35	704	E	EFFECTIVE CORP. TAX RATE, NONELECTRICAL MACHINERY	PERCENT	TRANSFORMATION
TXRTEFMFD36	703	E	EFFECTIVE CORP. TAX RATE, ELECTRICAL MACHINERY	PERCENT	TRANSFORMATION
TXRTEFMFD37SP2	706	E	EFFECTIVE CORP.TAX RATE, NONAUTO TRANS EQUIP+ORDNANCE+MISC MFG	PERCENT	TRANSFORMATION
TXRTEFMFD371	705	E	EFFECTIVE CORP. TAX RATE, MOTOR VEHICLES	PERCENT	TRANSFORMATION
TXRTEFMFD38	711	E	EFFECTIVE CORP. TAX RATE, INSTRUMENTS	PERCENT	TRANSFORMATION
TXRTEFMFD20	712	E	EFFECTIVE CORP. TAX RATE, FOOD & BEVERAGES	PERCENT	TRANSFORMATION
TXRTEFMFD21	718	E	EFFECTIVE CORP. TAX RATE, TOBACCO	PERCENT	TRANSFORMATION
TXRTEFMFD22	713	E	EFFECTIVE CORP. TAX RATE, TEXTILES	PERCENT	TRANSFORMATION
TXRTEFMFD23	717	E	EFFECTIVE CORP. TAX RATE, APPAREL	PERCENT	TRANSFORMATION
TXRTEFMFD26	714	E	EFFECTIVE CORP. TAX RATE, PAPER	PERCENT	TRANSFORMATION
TXRTEFMFD27	721	E	EFFECTIVE CORP. TAX RATE, PRINTING & PUBLISHING	PERCENT	TRANSFORMATION
TXRTEFMFD28	715	E	EFFECTIVE CORP. TAX RATE, CHEMICALS	PERCENT	TRANSFORMATION
TXRTEFMFD29	716	E	EFFECTIVE CORP. TAX RATE, PETROLEUM	PERCENT	TRANSFORMATION
TXRTEFMFD30	717	E	EFFECTIVE CORP. TAX RATE, RUBBER	PERCENT	TRANSFORMATION
TXRTEFMFD31	720	E	EFFECTIVE CORP. TAX RATE, LEATHER	PERCENT	TRANSFORMATION
TXRTEFMG	701	E	EFFECTIVE CORP. TAX RATE, MINING	PERCENT	TRANSFORMATION
TXRTEFRGCOM	724	E	EFFECTIVE CORP. TAX RATE, COMMUNICATIONS	PERCENT	TRANSFORMATION

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VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
TXRTTEFPGT	722	E	EFFECTIVE CORP. TAX RATE, TRANSPORTATION	PERCENT	TRANSFORMATION
TXRTTEFPGUS	723	E	EFFECTIVE CORP. TAX RATE, UTILITIES	PERCENT	TRANSFORMATION
TXRTEF	533	I	TAX RATE, PERSONAL INCOME, FEDERAL	PERCENT	TRANSFORMATION
TXRTEFHO	970	E	EFFECTIVE PERSONAL INCOME TAX RATE, HOMEOWNERS	PERCENT	TRANSFORMATION
TXRTEFLO	986	E	EFFECTIVE PERSONAL INCOME TAX RATE, LANDLORDS	PERCENT	TRANSFORMATION
TXRTES	534	I	TAX RATE, PERSONAL INCOME, STATE	PERCENT	TRANSFORMATION
TXRTESST	1008	E	EFFECTIVE PERS INC TAX RT, ALL STATES WITH INCOME TAX	PERCENT	TRANSFORMATION
TXRTTBEY1	524	E	PERSONAL INCOME TAX RATE AT 1ST BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY2	525	E	PERSONAL INCOME TAX RATE AT 2ND BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY3	526	E	PERSONAL INCOME TAX RATE AT 3RD BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY4	527	E	PERSONAL INCOME TAX RATE AT 4TH BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY5	528	E	PERSONAL INCOME TAX RATE AT 5TH BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY6	529	E	PERSONAL INCOME TAX RATE AT 6TH BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY7	530	E	PERSONAL INCOME TAX RATE AT 7TH BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY8	531	E	PERSONAL INCOME TAX RATE AT 8TH BRACKET	PERCENT	PECHMAN - IRS
TXRTTBEY9	532	E	PERSONAL INCOME TAX RATE AT 9TH BRACKET	PERCENT	PECHMAN - IRS
TXRSTEF	501	I	TAX RATE, SOCIAL INSURANCE, FEDERAL	PERCENT	TRANSFORMATION
TXRSTES	503	I	TAX RATE, SOCIAL INSURANCE, STATE	PERCENT	TRANSFORMATION
TXRSTOF	897	E	OASI TAX RATE, SUM OF EMPLOYER AND EMPLOYEE	PERCENT	SOC SEC BULLETIN
UCCEDAOCS	1043	I	UNIT COST, COST OF OPERATING NEW CARS, TOTAL	$/MILE	TRANSFORMATION
UCCEDAOCCS	1041	I	UNIT COST, CAPITALIZED PURCHASE COST OF NEW CARS	$/MILE	TRANSFORMATION
UCCEDAOCGS	1040	I	UNIT COST, OPERATING COST OF NEW CARS, GASOLINE	$/MILE	TRANSFORMATION
UCCEDAOCOS	1042	I	UNIT COST, OPERATING COST OF NEW CARS, OTHER	$/MILE	TRANSFORMATION
UCKAG	775	I	USER COST OF CAPITAL, FARM		TRANSFORMATION
UCKCM	1035	I	USER COST OF CAPITAL, COMMERCIAL & OTHER		TRANSFORMATION
UCKMED24	759	I	USER COST OF CAPITAL, LUMBER		TRANSFORMATION
UCKMED25	760	I	USER COST OF CAPITAL, FURNITURE		TRANSFORMATION
UCKMED32	757	I	USER COST OF CAPITAL, STONE, CLAY & GLASS		TRANSFORMATION
UCKMED33	752	I	USER COST OF CAPITAL, PRIMARY METALS		TRANSFORMATION
UCKMED34	758	I	USER COST OF CAPITAL, FABRICATED METAL PRODUCTS		TRANSFORMATION
UCKMED35	754	I	USER COST OF CAPITAL, NONELECTRICAL MACHINERY		TRANSFORMATION
UCKMED36	753	I	USER COST OF CAPITAL, ELECTRICAL MACHINERY		TRANSFORMATION
UCKMED37SP2	756	I	USER COST OF CAPITAL, NONAUTO TRANS EQUIP + ORDNANCE + MISC MFG		TRANSFORMATION
UCKMED371	755	I	USER COST OF CAPITAL, MOTOR VEHICLES		TRANSFORMATION
UCKMED38	761	I	USER COST OF CAPITAL, INSTRUMENTS		TRANSFORMATION
UCKMED20	762	I	USER COST OF CAPITAL, FOOD & BEVERAGES		TRANSFORMATION
UCKMED21	768	I	USER COST OF CAPITAL, TOBACCO		TRANSFORMATION
UCKMED22	763	I	USER COST OF CAPITAL, TEXTILES		TRANSFORMATION
UCKMED23	769	I	USER COST OF CAPITAL, APPAREL		TRANSFORMATION
UCKMED26	764	I	USER COST OF CAPITAL, PAPER		TRANSFORMATION
UCKMED27	771	I	USER COST OF CAPITAL, PRINTING & PUBLISHING		TRANSFORMATION
UCKMED28	765	I	USER COST OF CAPITAL, CHEMICALS		TRANSFORMATION
UCKMED29	766	I	USER COST OF CAPITAL, PETROLEUM		TRANSFORMATION
UCKMED30	767	I	USER COST OF CAPITAL, RUBBER		TRANSFORMATION
UCKMED31	770	I	USER COST OF CAPITAL, LEATHER		TRANSFORMATION
UCKMG	751	I	USER COST OF CAPITAL, MINING		TRANSFORMATION
UCKR	993	I	USER COST, RESIDENTIAL HOUSING UNITS, TOTAL (EXCL MOBILE HOMES)		TRANSFORMATION
UCKRCC48	774	I	USER COST OF CAPITAL, COMMUNICATIONS		TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
UCKRGT	772	I	USER COST OF CAPITAL, TRANSPORTATION		TRANSFORMATION
UCKRGU49	773	I	USER COST OF CAPITAL, UTILITIES		TRANSFORMATION
UCKRSM	991	I	USER COST, RESIDENTIAL HOUSING UNITS, MOBILE HOMES		TRANSFORMATION
UCKRSO	972	I	USER COST, OWNER OCCUPIED RESIDENTIAL HOUSING UNITS		TRANSFORMATION
UCKRST	992	I	USER COST, RES HOUSING UNITS, LANDLORD - OWNED		TRANSFORMATION
UALDS	507	E	WAGE ACCRUALS LESS DISBURSEMENTS	BILL CURRENT $	SCB 1,9
UALDGFE	669	E	FEDERAL GOVERNMENT EXPENDITURES, WAGE ACCRUALS LESS DISBURSEMENT	BILL CURRENT $	SCB 3,2
UALDGSL	670	E	ST&LOCAL GOVT EXPENDITURES, WAGE ACCRUALS LESS DISBURSEMENTS	BILL CURRENT $	SCB 3,4
UWCS	200	I	EMPLOYEE COMPENSATION, ALL INDUSTRIES	BILL CURRENT $	SCB 1,13
UWCAGS	192	I	EMPLOYEE COMPENSATION; AGRICULTURE, FORESTRY AND FISHERIES	BILL CURRENT $	BEA WORKFILE
UWCOTS	196	I	EMPLOYEE COMPENSATION; COMMERCIAL & OTHER, INCL REST OF WORLD	BILL CURRENT $	TRANSFORMATION
UWCGVS	197	I	EMPLOYEE COMPENSATION; GOVERNMENT & GOVERNMENT ENTERPRISES	BILL CURRENT $	BEA WORKFILE
UWCGVFE	199	I	EMPLOYEE COMPENSATION; GOVT & GOVT ENTERPRISES; FEDERAL	BILL CURRENT $	BEA WORKFILE
UWCGVQ	42	R	GROSS DOMESTIC PRODUCT ORIG, GENERAL GOVERNMENT (SAME AS OUTPUT)	BILL CONSTANT $	SCB 1,8
UWCGVQA	290	I	GROSS DOMESTIC PRODUCT ORIG, GENERAL GOVERNMENT (SAME AS OUTPUT)	BILL CURRENT $	SCB 1,7
UWCGVST	191	I	EMPLOYEE COMPENSATION; GOVT&GOVT ENTERPRISES; ST&LOCAL	BILL CURRENT $	BEA WORKFILE
UWCMS	193	I	EMPLOYEE COMPENSATION; MANUFACTURING	BILL CURRENT $	BEA WORKFILE
UWCMFDS	189	I	EMPLOYEE COMPENSATION; MANUFACTURING; DURABLE GOODS INDUSTRIES	BILL CURRENT $	BEA WORKFILE
UWCMFD24S	175	I	EMPLOYEE COMPENSATION; MFG; DUR- LUMBER & WOOD PROD EX FURNITURE	BILL CURRENT $	BEA WORKFILE
UWCMFD25S	176	I	EMPLOYEE COMPENSATION; MFG; DUR- FURNITURE AND FIXTURES	BILL CURRENT $	BEA WORKFILE
UWCMFD32S	173	I	EMPLOYEE COMPENSATION; MFG; DUR- STONE, CLAY AND GLASS PRODUCTS	BILL CURRENT $	BEA WORKFILE
UWCMFD33S	169	I	EMPLOYEE COMPENSATION; MFG; DUR- PRIMARY METALS INDUSTRIES	BILL CURRENT $	BEA WORKFILE
UWCMFD34S	174	I	EMPLOYEE COMPENSATION; MFG; DUR- FABRICATED METAL PRODUCTS	BILL CURRENT $	BEA WORKFILE
UWCMFD35S	171	I	EMPLOYEE COMPENSATION; MFG; DUR- MACHINERY, EXCEPT ELECTRICAL	BILL CURRENT $	BEA WORKFILE
UWCMFD36S	170	I	EMPLOYEE COMPENSATION; MFG; DUR- ELECTRICAL MACHINERY	BILL CURRENT $	BEA WORKFILE
UWCMFD37SP2S	178	I	EMPLOYEE COMPENSATION; MFG; DUR- NONAUTO TRANS EQ+ORD+MISC MFG	BILL CURRENT $	TRANSFORMATION
UWCMFD371S	172	I	EMPLOYEE COMPENSATION; MFG; DUR- TRANS EQ, MOTOR VEH & EQUIP	BILL CURRENT $	BEA WORKFILE
UWCMFD38S	177	I	EMPLOYEE COMPENSATION; MFG; DUR- INSTRUMENTS AND PRODUCTS	BILL CURRENT $	BEA WORKFILE
UWCMFNS	190	I	EMPLOYEE COMPENSATION; MANUFACTURING; NONDURABLE GOODS INDS	BILL CURRENT $	BEA WORKFILE
UWCMFN20S	179	I	EMPLOYEE COMPENSATION; MFG; NONDUR- FOOD AND KINDRED PROD	BILL CURRENT $	BEA WORKFILE
UWCMFN21S	185	I	EMPLOYEE COMPENSATION; MFG; NONDUR- TOBACCO MANUFACTURES	BILL CURRENT $	BEA WORKFILE
UWCMFN22S	180	I	EMPLOYEE COMPENSATION; MFG; NONDUR- TEXTILE MILL PRODUCTS	BILL CURRENT $	BEA WORKFILE
UWCMFN23S	186	I	EMPLOYEE COMPENSATION; MFG; NONDUR- APPAREL & OTHER TEXTILE PROD	BILL CURRENT $	BEA WORKFILE
UWCMFN26S	181	I	EMPLOYEE COMPENSATION; MFG; NONDUR- PAPER AND ALLIED PRODUCTS	BILL CURRENT $	BEA WORKFILE
UWCMFN27S	188	I	EMPLOYEE COMPENSATION; MFG; NONDUR- PRINTING AND PUBLISHING	BILL CURRENT $	BEA WORKFILE
UWCMFN28S	182	I	EMPLOYEE COMPENSATION; MFG; NONDUR- CHEMICALS AND ALLIED PROD	BILL CURRENT $	BEA WORKFILE
UWCMFN29S	183	I	EMPLOYEE COMPENSATION; MFG; NONDUR- PETROLEUM & RELATED INDS	BILL CURRENT $	BEA WORKFILE
UWCMFN30S	184	I	EMPLOYEE COMPENSATION; MFG; NONDUR- RUBBER & MISC PLASTICS PRODS	BILL CURRENT $	BEA WORKFILE
UWCMFN31S	187	I	EMPLOYEE COMPENSATION; MFG; NONDUR- LEATHER AND LEATHER PRODUCTS	BILL CURRENT $	BEA WORKFILE
UWCMGS	168	I	EMPLOYEE COMPENSATION; MINING	BILL CURRENT $	BEA WORKFILE
UWCRGC48S	194	I	EMPLOYEE COMPENSATION; REGULATED; COMMUNICATIONS	BILL CURRENT $	BEA WORKFILE
UWCRGTS	195	I	EMPLOYEE COMPENSATION; REGULATED; TRANSPORTATION	BILL CURRENT $	BEA WORKFILE
UWCRGU491	196	I	EMPLOYEE COMPENSATION; REGULATED; ELECTRIC, GAS & SANITARY SVCS	BILL CURRENT $	BEA WORKFILE
UWCS	201	I	COMPENSATION PER EMPLOYEE PER WK, ALL INDUSTRIES	CURRENT $/WEEK	TRANSFORMATION
UWCAGS	152	R	COMPENSATION PER EMPLOYEE PER WK, AGRICULTURE, FOREST&FISHERIES	CURRENT $/WEEK	TRANSFORMATION
UWCOTS	153	R	COMPENSATION PER EMPLOYEE PER WK, COMMERCIAL & OTHER	CURRENT $/WEEK	TRANSFORMATION
UWCGVS	1001	I	COMPENSATION PER EMPLOYEE PER WK, GOVT & GOVT ENTERPRISES	CURRENT $ /WEEK	TRANSFORMATION
UWCGVFS	154	R	COMPENSATION PER EMPLOYEE PER WK, GOVT&GOVT ENTS; FEDERAL	CURRENT $/WEEK	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
JPCGVS$	158	R	COMPENSATION PER EMPLOYEE PER WK, GOVT&GOVT ENTS; STATE & LOCAL	CURRENT $/WEEK	TRANSFORMATION
JPCMFD24$	144	R	COMPENSATION PER MANHR, MFG, DUR; LUMBER AND PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFD25$	145	R	COMPENSATION PER MANHR, MFG, DUR; FURNITURE AND FIXTURES	CURRENT $/HOUR	TRANSFORMATION
JPCMFD32$	142	R	COMPENSATION PER MANHR, MFG, DUR; STONE, CLAY & GLASS PROD	CURRENT $/HOUR	TRANSFORMATION
JPCMFD33$	138	R	COMPENSATION PER MANHR, MFG, DUR; PRIMARY METALS	CURRENT $/HOUR	TRANSFORMATION
JPCMFD34$	143	R	COMPENSATION PER MANHR, MFG, DUR; FABRICATED METALS	CURRENT $/HOUR	TRANSFORMATION
JPCMFD35$	140	R	COMPENSATION PER MANHR, MFG, DUR; NONELECTRICAL MACHINERY	CURRENT $/HOUR	TRANSFORMATION
JPCMFD36$	139	R	COMPENSATION PER MANHR, MFG, DUR; ELECTRICAL EQUIP & SUPPLY	CURRENT $/HOUR	TRANSFORMATION
JPCMFD37SP2$	147	R	COMPENSATION PER MANHR, MFG, DUR; NONAUTO TRANS EQ+ORD+MISC MFG	CURRENT $/HOUR	TRANSFORMATION
JPCMFD371$	141	R	COMPENSATION PER MANHR, MFG, DUR; TRANSPORT EQ, MOTOR VEH&PARTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFD38$	146	R	COMPENSATION PER MANHR, MFG, DUR; INSTRUMENTS & PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFN20$	148	R	COMPENSATION PER MANHR, MFG, NONDUR; FOOD & KINDRED PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFN21$	150	R	COMPENSATION PER MANHR, MFG, NONDUR; TOBACCO & PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFN22$	149	R	COMPENSATION PER MANHR, MFG, NONDUR; TEXTILES & PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFN23$	155	R	COMPENSATION PER MANHR, MFG, NONDUR; APPAREL & OTHER TEXTILES	CURRENT $/HOUR	TRANSFORMATION
JPCMFN26$	156	R	COMPENSATION PER MANHR, MFG, NONDUR; PAPER & PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFN27$	157	R	COMPENSATION PER MANHR, MFG, NONDUR; PRINTING & PUBLISHING	CURRENT $/HOUR	TRANSFORMATION
JPCMFN28$	151	R	COMPENSATION PER MANHR, MFG, NONDUR; CHEMICALS & PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMFN29$	152	R	COMPENSATION PER MANHR, MFG, NONDUR; PETROLEUM & COAL PROD	CURRENT $/HOUR	TRANSFORMATION
JPCMFN30$	153	R	COMPENSATION PER MANHR, MFG, NONDUR; RUBBER & PLASTICS PROD	CURRENT $/HOUR	TRANSFORMATION
JPCMFN31$	154	R	COMPENSATION PER MANHR, MFG, NONDUR; LEATHER & PRODUCTS	CURRENT $/HOUR	TRANSFORMATION
JPCMG$	137	R	COMPENSATION PER MANHR, MINING	CURRENT $/HOUR	TRANSFORMATION
JPCPV$	1333	I	COMPENSATION PER MANHOUR, PVT SECTOR	CURRENT$/WK	TRANSFORMATION
JPCRGC48$	161	R	COMPENSATION PER EMPLOYEE PER WK, REG, COMMUNICATIONS	CURRENT $/WEEK	TRANSFORMATION
JPCRGT$	160	R	COMPENSATION PER EMPLOYEE PER WK, REG, TRANSPORTATION	CURRENT $/WEEK	TRANSFORMATION
JPCRGU49$	162	R	COMPENSATION PER EMPLOYEE PER WK, REG, ELECTRIC, GAS & SANITARY	CURRENT $/WEEK	TRANSFORMATION
XVGAG	1	R	CONSTANT $ GPO; AGRICULTURE, FORESTRY & FISHERIES, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGAG$	259	I	CURRENT $ GPO; AGRICULTURE, FORESTRY & FISHERIES, TOTAL	BILL CURRENT $	BEA WORKFILE
XVGCC	6	R	GROSS PRODUCT ORIGINATING; CONTRACT CONSTRUCTION	BILL CONSTANT $	BEA WORKFILE
XVGCM	1543	I	GROSS PRODUCT ORIGINATING, COMMERCIAL (CC + FI + SV + WR)	BILL CONSTANT $	TRANSFORMATION
XVGCM$	1443	I	GROSS PRODUCT ORIGINATING, COMMERCIAL (CC + FI + SV + WR)	BILL CURRENT $	TRANSFORMATION
XVGCO	136	I	GROSS PRODUCT ORIGINATING; COMMERCIAL & OTHER-INCL REST OF WORLD	BILL CONSTANT $	TRANSFORMATION
XVGCO$	293	I	GROSS PRODUCT ORIGINATING; COMMERCIAL & OTHER-INCL REST OF WORLD	BILL CURRENT $	TRANSFORMATION
XVGFI	150	I	GROSS PRODUCT ORIGINATING; FINANCE, INSURANCE & REAL ESTATE	BILL CONSTANT $	BEA WORKFILE
XVGFI-65+6	59	R	GROSS PRODUCT ORIG; FIN, INS & REAL EST; FINANCE & INSURANCE	BILL CONSTANT $	TRANSFORMATION
XVGFI65+6	40	R	GROSS PRODUCT ORIG; FIN, INS & REAL EST; REAL ESTATE&COMB OFFICE	BILL CONSTANT $	BEA WORKFILE
XVGGV	155	I	CONSTANT $ GPO; GOVERNMENT ENTERPRISES, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGGV$	360	I	CURRENT $ GPO; GOVERNMENT AND GOVERNMENT ENTERPRISES, TOTAL	BILL CURRENT $	BEA WORKFILE
XVGGVFE	43	R	CONSTANT $ GPO; GOVERNMENT; FEDERAL, ENTERPRISE	BILL CONSTANT $	BEA WORKFILE
XVGGVFE$	291	I	CURRENT $ GPO; GOVERNMENT; FEDERAL, ENTERPRISE	BILL CURRENT $	BEA WORKFILE
XVGGVSE	44	R	GROSS PRODUCT ORIG; GOVT & GOVT ENTS; ST & LOCAL, ENTERPRISES	BILL CONSTANT $	BEA WORKFILE
XVGGVSE$	292	I	VALUE ADDED, W/ IBT; GOVT & GOVT ENTS, ST & LOCAL, ENTERPRISES	BILL CURRENT $	BEA WORKFILE
XVGMF	131	I	CONSTANT $ GPO; MANUFACTURING, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGMF$	286	I	CURRENT $ GPO; MANUFACTURING, TOTAL	BILL CURRENT $	BEA WORKFILE
XVGMFD	130	I	CONSTANT $ GPO; MANUFACTURING, DURABLE GOODS	BILL CONSTANT $	BEA WORKFILE
XVGMFD$	285	I	CURRENT $ GPO; MANUFACTURING, DURABLE GOODS	BILL CURRENT $	BEA WORKFILE
XVGMFD24	17	R	GROSS PRODUCT ORIG; MFG, DURABLES; LUMBER & WOOD, EXCL FURNITURE	BILL CONSTANT $	BEA WORKFILE
XVGMFD243	276	I	VALUE ADDED, W/ IBT; MFG, DUR; LUMBER & WOOD PRODUCTS	BILL CURRENT $	BEA WORKFILE

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
XVGMED25	18	R	GROSS PRODUCT ORIG: MFG, DURABLES: FURNITURE AND FIXTURES	BILL CONSTANT $	BEA WORKFILE
XVGMED25$	277	I	VALUE ADDED, W/ IBT: MFG, DUR: FURNITURE & FIXTURES	BILL CURRENT $	BEA WORKFILE
XVGMED32	19	R	CONSTANT $ GPO: MFG, DUR: STONE, CLAY & GLASS	BILL CONSTANT $	BEA WORKFILE
XVGMED32$	278	I	CURRENT $ GPO: MFG, DUR: STONE, CLAY & GLASS	BILL CURRENT $	BEA WORKFILE
XVGMED33	20	R	GROSS PRODUCT ORIG: MFG, DURABLES: PRIMARY METAL INDUSTRIES	BILL CONSTANT $	BEA WORKFILE
XVGMED33$	279	I	VALUE ADDED, W/ IBT: MFG, DUR: PRIMARY METALS	BILL CURRENT $	BEA WORKFILE
XVGMED34	21	R	GROSS PRODUCT ORIG: MFG, DURABLES: FABRICATED METAL PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMED34$	280	I	VALUE ADDED, W/ IBT: MFG, DUR: FABRICATED METAL PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMED35	22	R	CONSTANT $ GPO: MFG, DUR: MACHINERY, EXCEPT ELECTRICAL	BILL CONSTANT $	BEA WORKFILE
XVGMED35$	281	I	CURRENT $ GPO: MFG, DUR: MACHINERY, EXCEPT ELECTRICAL	BILL CURRENT $	BEA WORKFILE
XVGMED36	23	R	OUTPUT, ELECTRICAL MACHINERY	BILL CONSTANT $	BEA WORKFILE
XVGMED36$	282	I	VALUE ADDED, W/ IBT: MFG, DUR: ELECTRICAL MACHINERY	BILL CURRENT $	BEA WORKFILE
XVGMED37SP1	24	R	GROSS PRODUCT ORIG: MFG, DUR: NONAUTO TRANS EQ+ORDNANCE=372,9+19	BILL CONSTANT $	BEA WORKFILE
XVGMED37SP1$	283	I	VALUE ADDED, W/ IBT: MFG, DUR: NONAUTO TRANS EQ + ORDNANCE	BILL CURRENT $	BEA WORKFILE
XVGMED37SP2	265	I	GROSS PROD ORIG: MFG, DUR: NONAUTO TRANS+ORD+MISC MF=372,9+19+39	BILL CONSTANT $	TRANSFORMATION
XVGMED37SP2$	266	I	GROSS PROD ORIG: MFG, DUR: NONAUTO TRANS+ORD+MISC MF=372,9+19+39	BILL CURRENT $	TRANSFORMATION
XVGMED371	25	R	CONSTANT $ GPO: MFG, DUR: MOTOR VEHICLES & EQUIP,	BILL CONSTANT $	BEA WORKFILE
XVGMED371$	284	I	CURRENT $ GPO: MFG, DUR: MOTOR VEHICLES & EQUIP,	BILL CURRENT $	BEA WORKFILE
XVGMED38	26	R	GROSS PRODUCT ORIG: MFG, DURABLES: INSTRUMENTS AND REALTED PROD	BILL CONSTANT $	BEA WORKFILE
XVGMED38$	285	I	VALUE ADDED, W/ IBT: MFG, DUR: INSTRUMENTS & PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMED39	27	R	CONSTANT $ GPO: MFG, DUR: MISCELLANEOUS MFG.	BILL CONSTANT $	BEA WORKFILE
XVGMED39$	1002	I	CURRENT $ GPO: MFG, DUR: MISCELLANEOUS MFG.	BILL CURRENT $	BEA WORKFILE
XVGMEN	129	I	CONSTANT $ GPO: MANUFACTURING, NONDURABLE GOODS	BILL CONSTANT $	BEA WORKFILE
XVGMEN$	290	I	CURRENT $ GPO: MANUFACTURING, NONDURABLE GOODS	BILL CURRENT $	BEA WORKFILE
XVGMEN20	7	R	CONSTANT $ GPO: MFG, NONDUR: FOOD & KINDRED PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN20$	266	I	CURRENT $ GPO: MFG, NONDUR: FOOD & KINDRED PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMEN21	8	R	CONSTANT $ GPO: MFG, NONDUR: TOBACCO	BILL CONSTANT $	BEA WORKFILE
XVGMEN21$	267	I	CURRENT $ GPO: MFG, NONDUR: TOBACCO	BILL CURRENT $	BEA WORKFILE
XVGMEN22	9	R	CONSTANT $ GPO: MFG, NONDUR: TEXTILE MILL PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN22$	268	I	CURRENT $ GPO: MFG, NONDUR: TEXTILE MILL PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMEN23	10	R	CONSTANT $ GPO: MFG, NONDUR: APPAREL & RELATED PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN23$	269	I	CURRENT $ GPO: MFG, NONDUR: APPAREL & REALTED PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMEN26	11	R	CONSTANT $ GPO: MFG, NONDUR: PAPER & ALLIED PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN26$	270	I	CURRENT $ GPO: MFG, NONDUR: PAPER & ALLIED PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMEN27	12	R	CONSTANT $ GPO: MFG, NONDUR: PRINTING & PUBLISHING	BILL CONSTANT $	BEA WORKFILE
XVGMEN27$	271	I	CURRENT $ GPO: MFG, NONDUR: PRINTING & PUBLISHING	BILL CURRENT $	BEA WORKFILE
XVGMEN28	13	R	GROSS PRODUCT ORIG: MFG, NONDUR: CHEMICALS AND ALLIED PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN28$	272	I	VALUE ADDED, W/ IBT: MFG, NONDUR: CHEMICALS & PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMEN29	14	R	CONSTANT $ GPO: MFG, NONDUR: PETROLEUM & RELATED INDUSTRIES	BILL CONSTANT $	BEA WORKFILE
XVGMEN29$	273	I	CURRENT $ GPO: MFG, NONDUR: PETROLEUM & RELATED INDUSTRIES	BILL CURRENT $	BEA WORKFILE
XVGMEN30	15	R	GROSS PRODUCT ORIG: MFG, NONDUR: RUBBER & MISC PLASTIC PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN30$	274	I	VALUE ADDED, W/ IBT: MFG, NONDUR: RUBBER & MISC PLASTICS PRODUCT	BILL CURRENT $	BEA WORKFILE
XVGMEN31	16	R	CONSTANT $ GPO: MFG, NONDUR: LEATHER & LEATHER PRODUCTS	BILL CONSTANT $	BEA WORKFILE
XVGMEN31$	275	I	CURRENT $ GPO: MFG, NONDUR: LEATHER & LEATHER PRODUCTS	BILL CURRENT $	BEA WORKFILE
XVGMFP	1302	I	CONSTANT $ GPO: TOTAL MANUFACTURING	BILL CONSTANT $	TRANSFORMATION
XVGMG	128	I	CONSTANT $ GPO: MINING: TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGMG$	303	I	CURRENT $ GPO: MINING: TOTAL	BILL CURRENT $	BEA WORKFILE
XVGMG10	2	R	CONSTANT $ GPO: MINING: METALLIC MINERALS	BILL CONSTANT $	BEA WORKFILE

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
XVGMG11+12	3	R	CONSTANT $ GPO; MINING; COAL	BILL CONSTANT $	BEA WORKFILE
XVGMG13	4	R	CONSTANT $ GPO; MINING;; CRUDE PETROLEUM & NATURAL GAS	BILL CONSTANT $	BEA WORKFILE
XVGMG14	5	R	CONSTANT $ GPO; MINING; NONMETALLIC MINERALS	BILL CONSTANT $	BEA WORKFILE
XVGOTIVA	47	R	GROSS PRODUCT ORIG; DUMMY INDUSTRY; INVENTORY VALUATION ADJ	BILL CONSTANT $	BY DEFINITION=0
XVGOTIM	45	R	GROSS PRODUCT ORIG; DUMMY INDUSTRY; IMPORTS OF GOODS & SERVICES	BILL CONSTANT $	BY DEFINITION=0
XVGRG48	35	R	CONSTANT $ GPO; COMMUNICATIONS, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGRG48$	287	I	CURRENT $ GPO; COMMUNICATIONS, TOTAL	BILL CURRENT $	BEA WORKFILE
XVGRGT	132	I	CONSTANT $ GPO; TRANSPORTATION, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGRGT$	289	I	CURRENT $ GPO; TRANSPORTATION, TOTAL	BILL CURRENT $	BEA WORKFILE
XVGRGT40	28	R	CONSTANT $ GPO; TRANSPORTATION, RAILROADS	BILL CONSTANT $	BEA WORKFILE
XVGRGT41	29	R	CONSTANT $ GPO; TRANSPORTATION, LOCAL & HIGHWAY PASSENGER	BILL CONSTANT $	BEA WORKFILE
XVGRGT42	30	R	CONSTANT $ GPO; TRANSPORTATION, MOTOR FREIGHT & WASRHOUSING	BILL CONSTANT $	BEA WORKFILE
XVGRGT44	31	R	CONSTANT $ GPO; TRANSPORTATION, WATER	BILL CONSTANT $	BEA WORKFILE
XVGRGT45	32	R	CONSTANT $ GPO; TRANSPORTATION, AIR	BILL CONSTANT $	BEA WORKFILE
XVGRGT46	33	R	CONSTANT $ GPO; TRANSPORTATION, PIPELINES, EXC, NATURAL GAS	BILL CONSTANT $	BEA WORKFILE
XVGRGT47	34	R	CONSTANT $ GPO; TRANSPORTATION, TRANSPORTATION SERVICES	BILL CONSTANT $	BEA WORKFILE
XVGRGU49	36	R	CONSTANT $ GPO; ELECTRIC, GAS & SANITARY SERVICES	BILL CONSTANT $	BEA WORKFILE
XVGRGU49$	288	I	CURRENT $ GPO; ELECTRIC, GAS & SANITARY SERVICES	BILL CURRENT $	BEA WORKFILE
XVGR*	46	R	GROSS PRODUCT ORIGINATING; REST OF THE WORLD	BILL CONSTANT $	BEA WORKFILE
XVGSUM	1154	I	CONSTANT $ GPO; ALL INDUSTRIES, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGSUM$	302	I	CURRENT $ GPO; ALL INDUSTRIES, TOTAL	BILL CURRENT $	BEA WORKFILE
XVGSV	41	R	CONSTANT $ GPO; SERVICES, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGTR	133	I	CONSTANT $ GPO; WHOLESALE & RETAIL TRADE, TOTAL	BILL CONSTANT $	BEA WORKFILE
XVGTRR52.9	38	R	GROSS PRODUCT ORIGINATING; WHOLESALE & RETAIL TRADE, RETAIL	BILL CONSTANT $	BEA WORKFILE
XVGTRU50+1	37	R	GROSS PRODUCT ORIGINATING; WHOLESALE & RETAIL TRADE, WHOLESALE	BILL CONSTANT $	BEA WORKFILE
YDIVT$	457	R	DIVIDEND INCOME, TOTAL	BILL CURRENT $	SCB 1,13
YFIEF$	462	F	PROPRIETORS' INCOME, FARM, WITH IVA & CAPITAL CONSUMPTION ADJ	BILL CURRENT $	SCB 1,13
YIINTC$	490	F	INTEREST PAID BY CONSUMERS	BILL CURRENT $	SCB 2,1
YIINTG$	487	I	INTEREST PAID, BY GOVERNMENT (NET) AND CONSUMERS	BILL CURRENT $	TRANSFORMATION
YIINTGF$	489	F	FED GOVT EXPEND, INTEREST PAID, NET, TOTAL	BILL CURRENT $	SCB 3,2
YIINTGFF$	488	F	FED GOVT EXPEND, INTEREST PAID, TO FOREIGNERS	BILL CURRENT $	SCB 3,2
YIINTGS$	468	F	STATE&LOCAL GOVT EXPENDITURES, INTEREST PAID, NET, TOTAL	BILL CURRENT $	SCB 3,4
YI	805	I	NATIONAL INCOME, WITH CAPITAL CONSUMPTION ADJUSTMENTS	BILL CONSTANT $	SCB 1,10
YI$	463	I	NATIONAL INCOME, WITH CAPITAL CONSUMPTION ADJUSTMENTS	BILL CURRENT $	SCB 1,13
YIOTHR	450	R	INCOME, NONWAGE, NONPROFIT, WITHOUT IVA & CCA ADJUSTMENTS	BILL CURRENT $	TRANSFORMATION
YP$	451	I	PERSONAL INCOME, TOTAL	BILL CURRENT $	SCB 2,1
YPD	804	I	DISPOSABLE PERSONAL INCOME	BILL CONSTANT $	SCB 2,1
YPD$	306	I	DISPOSABLE PERSONAL INCOME	BILL CURRENT $	SCB 2,1
YPDOFI	1016	I	DISPOSABLE PERSONAL INCOME, EXCLUDING IMPUTATIONS	CONSTANT $	TRANSFORMATION
YPDOFI$	1017	I	DISPOSABLE PERSONAL INCOME, EXCLUDING IMPUTATIONS	BILL CURRENT $	TRANSFORMATION
YPDOUT$	536	I	PERSONAL OUTLAYS	BILL CURRENT $	SCB 2,1
YPEPC	1328	I	DISPOSABLE PERSONAL INCOME, PER CAPITA	THOU CONSTANT $	SCB 2,1
YPDSAVE	537	I	PERSONAL SAVINGS	BILL CURRENT $	SCB 2,1
YPDSAVR	538	R	SAVINGS RATE, PERSONAL	PERCENT	SCB 2,1
YPTAX$	512	I	TAXABLE INCOME, OTA	BILL CURRENT $	TRANSFORMATION
ZCAIP	813	F	CANADA, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION
ZCAPC	829	F	CANADA, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZFRIP	810	F	FRANCE, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION

GLOSSARY OF MODEL VARIABLES FOR THE WHARTON ANNUAL AND INDUSTRY MODEL

VARIABLE	NUMBER	TYPE	DESCRIPTION	UNITS	SOURCE
ZFRPC	830	E	FRANCE, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZGETP	815	E	GERMANY, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION
ZGEPC	831	E	GERMANY, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZITTP	816	E	ITALY, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION
ZITPC	832	E	ITALY, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZJATP	818	E	JAPAN, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION
ZJAPC	834	E	JAPAN, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZMETP	819	E	MEXICO, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION
ZMEPC	835	E	MEXICO, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZNORTR	826	E	INDEX, NORWEGIAN FREIGHT RATES, TRAMP VOYAGE	1972 = 100.	TRANSFORMATION
ZUKIP	817	E	UNITED KINGDOM, INDEX OF INDUSTRIAL PRODUCTION, TOTAL	1972 = 100.	TRANSFORMATION
ZUKPC	833	E	UNITED KINGDOM, CONSUMER PRICE INDEX	1972 = 100.	TRANSFORMATION
ZWAIP7	827	I	WEIGHTED AVERAGE, INDUSTRIAL PRODUCTION INDEX IN 7 COUNTRIES	1972 = 100.	TRANSFORMATION
ZWAPCFT	828	I	WTD AVERAGE, CPI IN 7 COUNTRIES, ADJ FOR EXCHG RATES (TRAVEL WT)	1972 = 100.	TRANSFORMATION

APPENDIX III

WHARTON ANNUAL MODEL

CONTROL SOLUTION

TABLE 1.00 SELECTED INDICATORS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPS	I	GROSS NATIONAL PRODUCT (CUR $)-----	2105.7	2308.1	2492.2	2754.9	3044.6	3335.5	3628.3	3975.3	4328.6	4682.8	5031.3
2	GNPS	I	% CHANGE	11.6	9.6	8.0	10.5	10.5	9.6	8.8	9.6	8.9	8.2	7.4
3														
4	GNP	I	GROSS NATIONAL PRODUCT (72 $)------	1384.2	1416.7	1438.5	1487.2	1540.4	1585.7	1626.5	1684.4	1740.5	1791.5	1835.8
5	GNP	I	% CHANGE	3.9	2.3	1.5	3.4	3.6	2.9	2.6	3.6	3.3	2.9	2.5
6														
7	PDGNP	I	GROSS NAT. PROD. DEFL. (1972=100.0)	152.1	162.9	173.2	185.2	197.7	210.4	223.1	236.0	248.7	261.4	274.1
8	PDGNP	I	% CHANGE	7.4	7.1	6.3	6.9	6.7	6.4	6.0	5.8	5.4	5.1	4.8
9														
10	NPT	I	POPULATION (MILLIONS)----------	218.51	220.31	222.24	224.29	226.43	228.60	230.79	232.98	235.17	237.33	239.48
11	NPT	I	% CHANGE	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9
12														
13	NLC	I	LABOR FORCE (MILLIONS)----------	100.32	102.74	104.84	106.46	107.98	109.50	110.89	112.27	113.69	115.17	116.55
14	NLC	I	% CHANGE	3.0	2.4	2.0	1.5	1.4	1.4	1.3	1.2	1.3	1.3	1.2
15														
16	NRLT*		PARTICIPATION RATE----------	63.0	63.6	64.0	64.1	64.3	64.5	64.7	64.9	65.1	65.3	65.5
17	NRLT*		% CHANGE	1.3	0.9	0.6	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
18														
19	NEMT*		EMPLOYMENT (MILLIONS)----------	94.26	96.38	97.73	99.67	101.42	102.94	104.33	105.89	107.51	109.10	110.48
20	NEMT*		% CHANGE	4.1	2.3	1.4	2.0	1.8	1.5	1.4	1.5	1.5	1.5	1.3
21														
22	WRCS	I	WAGE RATE PER WEEK, ALL INDUSTRIES-	265.1	286.1	306.2	330.2	355.7	382.6	410.5	440.6	471.5	503.4	536.7
23	WRCS	I	% CHANGE	8.2	7.9	7.0	7.8	7.7	7.6	7.3	7.3	7.0	6.8	6.6
24														
25	GNPPP	I	PRODUCTIVITY - ALL INDUSTRIES------	14.686	14.699	14.719	14.921	15.189	15.404	15.590	15.907	16.189	16.421	16.616
26	GNPPP	I	% CHANGE	-0.2	0.1	0.1	1.4	1.8	1.4	1.2	2.0	1.8	1.4	1.2
27														
28	XVGMFPP	I	PRODUCTIVITY - ALL MANUFACTURING---	8.062	8.231	8.387	8.659	8.950	9.184	9.406	9.698	9.969	10.219	10.461
29	XVGMFPP	I	% CHANGE	2.5	2.1	1.9	3.2	3.4	2.6	2.4	3.1	2.8	2.5	2.4
30														
31	GNPPC	I	REAL PER CAPITA GNP (THOU 72 $)----	6.335	6.430	6.473	6.630	6.803	6.937	7.048	7.230	7.401	7.548	7.666
32	GNPPC	I	% CHANGE	3.0	1.5	0.7	2.4	2.6	2.0	1.6	2.6	2.4	2.0	1.6
33														
34	YPD/NPT		REAL PER CAP DISP INC (THOU '72 $)-	4.413	4.518	4.594	4.677	4.772	4.854	4.933	5.045	5.157	5.259	5.350
35	YPD/NPT		% CHANGE	3.3	2.4	1.7	1.8	2.0	1.7	1.6	2.3	2.2	2.0	1.7
36														
37	CPUBTS	I	CORPORATE PROFITS BEFORE TAXES-----	202.6	212.1	223.6	265.8	303.2	333.0	353.9	399.8	440.4	472.7	499.2
38	CPUBTS	I	% CHANGE	16.5	4.7	5.4	18.9	14.1	9.8	6.3	13.0	10.1	7.3	5.6
39														
40	FRMCS	B	BOND RATE (%)----------	9.06	9.79	9.64	9.75	9.91	9.31	9.04	8.78	8.56	8.35	8.30
41	FRMCP4M	B	PRIME COMMERCIAL PAPER RATE (%)----	8.10	10.01	8.63	8.71	8.36	7.73	7.23	7.18	7.02	6.89	6.85
42	FM4S	I	MONEY SUPPLY----------	976.2	1061.3	1150.0	1273.3	1407.1	1557.8	1711.2	1871.5	2042.0	2215.8	2388.3
43	FM4S	I	% CHANGE	10.8	8.7	8.4	10.7	10.5	10.7	9.8	9.4	9.1	8.5	7.8
44														
45	NRUT	I	UNEMPLOYMENT RATE (%)----------	6.05	6.19	6.78	6.38	6.08	5.99	5.91	5.69	5.43	5.28	5.20
46	YPDSAVR	B	SAVINGS RATE (%)----------	5.43	6.04	6.53	6.33	6.44	6.41	6.37	6.51	6.60	6.56	6.49
47														
48	GVSURPFS	I	SURPLUS OR DEFICIT, FEDERAL (CUR $)	-31.0	-40.6	-64.5	-56.5	-43.9	-37.2	-34.1	-22.2	-11.2	-4.4	-11.4
49	GVSURPSS	I	SURPLUS OR DEF, STATE & LOC (CUR $)	27.1	22.9	23.2	24.8	26.2	28.4	29.4	31.8	32.3	31.4	33.6
50														
51	WBCS/YNS		COMPEN. TO EMPLOYEES TO NAT. INCOME	76.4	76.8	77.3	76.6	75.8	75.6	75.7	75.1	74.8	74.9	75.3
52	CPUBTS/YNS		PROFITS TO NATIONAL INCOME---------	11.9	11.4	11.1	11.9	12.3	12.3	12.0	12.4	12.5	12.4	12.2

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST, PHILA, PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 2.00 GROSS NATIONAL PRODUCT (CURRENT AND 72$)

LINE	VAR	LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1														
2			----------CURRENT DOLLARS----------											
3														
4	GNPS	I	GROSS NATIONAL PRODUCT----------	2105,7	2308,1	2492,2	2754,9	3044,6	3335,5	3628,1	3975,3	4328,6	4682,8	5031,3
5	GNPS	I	% CHANGE	11,6	9,6	8,0	10,5	10,5	9,6	8,8	9,6	8,9	8,2	7,4
6														
7	CES	I	PERSONAL CONSUMPTION EXPENDITURES--	1336,5	1465,4	1592,2	1752,1	1920,7	2096,3	2277,5	2477,3	2683,9	2898,7	3114,7
8	CES	I	% CHANGE	10,8	9,6	8,7	10,0	9,6	9,1	8,6	8,8	8,3	8,0	7,5
9														
10	CEDS	I	DURABLE GOODS----------	195,8	209,7	225,1	247,3	269,4	290,5	311,6	338,4	365,0	391,5	415,0
11	CEDS	I	% CHANGE	9,8	7,1	7,3	9,8	9,0	7,8	7,3	8,6	7,9	7,2	6,0
12														
13	CENS	I	NONDURABLE GOODS----------	523,9	572,1	616,3	670,9	726,4	783,7	841,8	905,3	971,1	1038,7	1106,0
14	CENS	I	% CHANGE	9,4	9,2	7,7	8,9	8,3	7,9	7,4	7,5	7,3	7,0	6,5
15														
16	CESS	I	SERVICES----------	616,8	683,6	750,8	833,9	924,9	1022,1	1124,0	1233,6	1347,8	1468,4	1593,7
17	CESS	I	% CHANGE	12,3	10,8	9,8	11,1	10,9	10,5	10,0	9,8	9,3	9,0	8,5
18														
19	IBTS	I	GROSS PRIVATE DOMESTIC INVESTMENT--	345,7	361,9	377,0	436,7	507,1	563,6	619,4	701,9	779,6	845,9	899,0
20	IBTS	I	% CHANGE	16,1	4,7	4,2	15,8	16,1	11,1	9,9	13,3	11,1	8,5	6,3
21														
22	IBFS	I	FIXED INVESTMENT----------	328,7	350,7	368,3	420,9	483,8	537,1	589,8	666,0	739,0	802,5	855,0
23	IBFS	I	% CHANGE	16,5	6,7	5,0	14,3	15,0	11,0	9,8	12,9	11,0	8,6	6,6
24														
25	IBFNS	I	NONRESIDENTIAL----------	222,4	247,4	261,7	295,3	332,0	369,7	409,2	453,7	502,0	553,1	604,1
26	IBFNS	I	% CHANGE	16,8	11,3	5,8	12,8	12,4	11,4	10,7	10,9	10,7	10,2	9,2
27														
28	IBFRS	I	RESIDENTIAL STRUCTURES----------	106,3	103,3	106,6	125,6	151,8	167,4	180,6	212,3	237,0	249,4	251,0
29	IBFRS	I	% CHANGE	15,7	-2,9	3,2	17,8	20,9	10,3	7,9	17,5	11,6	5,2	0,6
30														
31	IBITS	R	CHANGE IN BUSINESS INVENTORIES----	17,0	11,2	8,7	15,8	23,3	26,5	29,6	35,9	40,6	43,4	43,9
32														
33	IBBS	I	NET EXPORTS OF GOODS AND SERVICES--	-9,9	6,1	11,8	6,8	4,8	7,0	2,0	2,0	3,5	3,5	3,8
34														
35	IEBS	I	EXPORTS----------	206,4	253,0	281,7	311,7	344,8	380,0	413,3	459,6	510,4	562,6	615,3
36	IEBS	I	% CHANGE	17,6	22,6	11,4	10,6	10,6	10,2	8,8	11,2	11,0	10,2	9,4
37														
38	IMBS	I	IMPORTS----------	216,3	246,9	269,9	304,9	340,0	373,0	411,4	457,6	506,9	559,1	611,5
39	IMBS	I	% CHANGE	15,9	14,2	9,3	13,0	11,5	9,7	10,3	11,2	10,8	10,3	9,4
40														
41	GVPTS	I	GOVT PURCH OF GOODS AND SERVICES--	433,4	474,7	511,2	559,3	612,0	668,6	729,4	794,0	861,6	934,8	1013,9
42	GVPTS	I	% CHANGE	10,0	9,5	7,7	9,4	9,4	9,2	9,1	8,9	8,5	8,5	8,5
43														
44	GVPFS	I	FEDERAL----------	153,3	167,8	180,9	197,7	215,3	233,6	252,7	272,5	293,0	314,8	337,5
45	GVPFS	I	% CHANGE	5,7	9,5	7,8	9,3	8,9	8,5	8,2	7,8	7,5	7,4	7,2
46														
47	GVPSS	I	STATE AND LOCAL----------	280,1	306,9	330,3	361,6	396,7	435,0	476,7	521,5	568,7	620,0	676,4
48	GVPSS	I	% CHANGE	12,5	9,6	7,6	9,5	9,7	9,6	9,6	9,4	9,0	9,0	9,1

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TABLE 2.00 GROSS NATIONAL PRODUCT (CURRENT AND 72$)

LINE	VAR	LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1														
2			--------CONSTANT 72 DOLLARS--------											
3														
4	GNP	I	GROSS NATIONAL PRODUCT----------	1384.2	1416.7	1438.5	1487.2	1540.4	1585.7	1626.5	1684.4	1740.5	1791.5	1835.8
5	GNP	I	% CHANGE	3.9	2.3	1.5	3.4	3.6	2.9	2.6	3.6	3.3	2.9	2.5
6														
7	CE	I	PERSONAL CONSUMPTION EXPENDITURES--	888.9	910.9	929.1	957.3	985.6	1013.2	1040.6	1073.6	1107.4	1141.0	1172.6
8	CE	I	% CHANGE	3.6	2.5	2.0	3.0	3.0	2.8	2.7	3.2	3.1	3.0	2.8
9														
10	CED	I	DURABLE GOODS----------	143.3	144.7	147.4	153.0	158.8	163.6	168.1	175.3	182.1	188.1	192.4
11	CED	I	% CHANGE	4.0	1.0	1.9	3.8	3.8	3.0	2.8	4.3	3.9	3.3	2.3
12														
13	CEN	I	NONDURABLE GOODS----------	337.9	346.7	353.1	362.8	371.0	378.9	386.4	395.6	405.4	415.5	425.3
14	CEN	I	% CHANGE	2.3	2.6	1.8	2.7	2.2	2.1	2.0	2.4	2.5	2.5	2.3
15														
16	CES	I	SERVICES----------	407.6	419.4	428.5	441.4	455.8	470.7	486.0	502.7	519.9	537.3	554.9
17	CES	I	% CHANGE	4.7	2.9	2.2	3.0	3.2	3.3	3.2	3.4	3.4	3.4	3.3
18														
19	IBT	I	GROSS PRIVATE DOMESTIC INVESTMENT--	210.8	202.7	196.4	210.9	227.8	236.8	244.3	260.6	273.7	281.8	284.8
20	IBT	I	% CHANGE	7.4	-3.8	-3.1	7.4	8.0	3.9	3.2	6.7	5.0	3.0	1.0
21														
22	IBF	I	FIXED INVESTMENT----------	199.6	196.0	191.5	202.2	215.6	223.5	230.2	244.2	256.0	263.7	267.1
23	IBF	I	% CHANGE	6.5	-1.8	-2.3	5.6	6.6	3.7	3.0	6.1	4.8	3.0	1.3
24														
25	IBFN	I	NONRESIDENTIAL----------	140.1	144.5	143.3	150.0	157.2	163.7	170.0	177.6	186.9	194.0	200.8
26	IBFN	I	% CHANGE	7.9	3.2	-0.8	4.7	4.8	4.2	3.8	4.5	4.6	4.3	3.5
27														
28	IBFR	I	RESIDENTIAL STRUCTURES----------	59.5	51.5	48.2	52.2	58.4	59.8	60.2	66.6	70.1	69.7	66.3
29	IBFR	I	% CHANGE	3.2	-13.5	-6.5	8.4	12.0	2.4	0.7	10.5	5.3	-0.6	-4.8
30														
31	IBIT	I	CHANGE IN BUSINESS INVENTORIES----	11.1	6.7	4.9	8.7	12.2	13.2	14.1	16.3	17.7	18.2	17.6
32														
33	IBB	I	NET EXPORTS OF GOODS AND SERVICES--	9.7	21.1	26.7	25.8	25.8	26.4	23.6	23.2	23.4	23.3	23.4
34														
35	IEB	I	EXPORTS----------	108.3	125.3	132.7	138.2	144.1	149.7	154.1	162.7	172.1	181.2	189.7
36	IEB	I	% CHANGE	10.2	15.8	5.9	4.2	4.2	3.9	2.9	5.5	5.8	5.3	4.7
37														
38	IMB	I	IMPORTS----------	98.6	104.2	106.0	112.5	118.3	123.3	130.6	139.5	148.7	157.9	166.3
39	IMB	I	% CHANGE	11.1	5.8	1.7	6.1	5.1	4.2	5.9	6.8	6.6	6.2	5.3
40														
41	GVPT	I	GOVT PURCH OF GOODS AND SERVICES--	274.9	282.1	286.3	293.3	301.2	309.3	318.1	327.0	336.1	345.4	355.0
42	GVPT	I	% CHANGE	2.1	2.6	1.5	2.4	2.7	2.7	2.8	2.8	2.8	2.8	2.8
43														
44	GVPF	I	FEDERAL----------	100.1	102.9	104.7	107.0	109.4	111.8	114.3	116.8	119.4	122.1	124.8
45	GVPF	I	% CHANGE	-1.5	2.9	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
46														
47	GVPS	I	STATE AND LOCAL----------	174.8	179.1	181.6	186.3	191.8	197.5	203.8	210.2	216.6	223.3	230.3
48	GVPS	I	% CHANGE	4.3	2.5	1.4	2.6	3.0	3.0	3.2	3.1	3.1	3.1	3.1

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TABLE 5.10 PERSONAL CONSUMPTION EXPENDITURES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----------CURRENT DOLLARS----------											
2														
3	CES	I	PERSONAL CONSUMPTION EXPENDITURES	1336.5	1465.4	1592.2	1752.1	1920.7	2096.3	2277.5	2477.3	2683.9	2898.7	3114.7
4														
5	CEDS	I	DURABLE GOODS----------	195.8	209.7	225.1	247.3	269.4	290.5	311.6	338.4	365.0	391.5	415.0
6	CEDAS	I	AUTOS AND PARTS----------	89.1	92.0	98.8	110.2	120.6	129.3	136.9	148.8	160.7	172.6	182.1
7	CEDFS	I	FURNITURE AND HOUSEHOLD EQUIP.-	77.1	84.3	89.9	97.3	105.7	114.7	124.8	135.8	146.4	156.7	166.5
8	CEDOS	I	OTHER DURABLE GOODS----------	29.6	33.4	36.4	39.8	43.1	46.4	49.9	53.8	57.9	62.2	66.4
9														
10	CENS	I	NONDURABLE GOODS----------	523.9	572.1	616.3	670.9	726.4	783.3	841.8	905.3	971.1	1038.7	1106.0
11	CENFS	I	FOOD AND BEVERAGES----------	268.9	290.0	308.8	334.9	362.2	390.6	419.9	451.3	483.3	515.9	548.6
12	CENCS	I	CLOTHING AND SHOES----------	88.1	96.6	104.5	113.8	123.3	132.9	142.8	153.3	164.1	175.1	186.1
13	CENGS	I	GASOLINE AND OIL----------	50.3	56.6	62.7	68.7	73.6	77.9	81.6	85.2	89.1	93.2	97.1
14	CENO+HS	I	OTHER NONDURABLE GOODS----------	116.6	128.9	140.4	153.5	167.3	182.2	197.6	215.5	234.6	254.5	274.2
15														
16	CESS	I	SERVICES----------	616.8	683.6	750.8	833.9	924.9	1022.1	1124.0	1233.6	1347.8	1468.4	1593.7
17	CESHS	I	HOUSING----------	207.0	230.7	252.8	278.2	308.0	340.2	373.2	407.4	442.2	478.1	515.1
18	CESSS	I	HOUSEHOLD OPERATION SERVICES---	91.9	101.1	110.0	121.0	132.0	143.7	156.0	169.3	182.7	196.5	210.6
19	CESTS	I	TRANSPORTATION SERVICES--------	52.7	59.3	65.0	72.2	79.7	87.8	96.1	104.9	114.4	124.7	135.0
20	CESOS	I	OTHER SERVICES----------	265.1	292.5	323.0	362.5	405.2	450.5	498.6	552.0	608.5	669.1	733.0
21														
22			-------CONSTANT 72 DOLLARS-------											
23														
24	CE	I	PERSONAL CONSUMPTION EXPENDITURES	888.9	910.9	929.1	957.3	985.6	1013.2	1040.6	1073.6	1107.4	1141.0	1172.6
25														
26	CED	I	DURABLE GOODS----------	143.3	144.7	147.4	153.0	158.8	163.6	168.1	175.3	182.1	188.1	192.4
27	CEDA	I	AUTOS AND PARTS----------	61.1	58.1	58.1	61.2	64.0	65.4	66.0	68.6	71.0	72.9	73.5
28	CEDF	B	FURNITURE AND HOUSEHOLD EQUIP.-	60.0	62.6	64.2	65.8	68.2	70.7	73.9	77.5	80.8	83.7	86.4
29	CEDO	B	OTHER DURABLE GOODS----------	22.3	24.0	25.1	25.9	26.7	27.4	28.2	29.2	30.3	31.5	32.6
30														
31	CEN	I	NONDURABLE GOODS----------	337.9	346.7	353.1	362.8	371.0	378.9	386.4	395.6	405.4	415.5	425.3
32	CENF	B	FOOD AND BEVERAGES----------	165.0	164.9	164.1	168.7	172.5	176.0	179.4	182.9	186.4	190.2	194.0
33	CENC	B	CLOTHING AND SHOES----------	70.0	74.1	77.6	80.3	82.7	85.2	87.7	90.6	93.6	96.7	99.8
34	CENG	B	GASOLINE AND OIL----------	27.9	29.4	30.6	31.1	31.0	30.6	30.1	29.5	29.2	28.9	28.6
35	CENO+H	B	OTHER NONDURABLE GOODS----------	75.1	78.4	80.9	82.8	84.8	87.1	89.3	92.6	96.1	99.6	102.8
36														
37	CES	I	SERVICES----------	407.6	419.4	428.5	441.4	455.8	470.7	486.0	502.7	519.9	537.3	554.9
38	CESH	B	HOUSING----------	146.5	150.7	152.6	156.2	161.3	166.9	172.5	178.2	183.8	189.6	195.4
39	CESS	B	HOUSEHOLD OPERATION SERVICES---	58.4	60.1	61.4	63.2	65.3	67.5	69.8	72.4	75.0	77.7	80.4
40	CEST	B	TRANSPORTATION SERVICES--------	34.2	35.8	36.7	37.8	38.9	40.0	41.0	42.1	43.3	44.5	45.6
41	CESO	B	OTHER SERVICES----------	160.6	172.8	177.8	184.2	190.3	196.4	202.8	210.1	217.8	225.6	233.5

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TABLE 3.20 PERSONAL CONSUMPTION EXPENDITURES, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----------CURRENT DOLLARS--------											
2														
3	CE	I	PERSONAL CONSUMPTION EXPENDITURES	10.8	9.6	8.7	10.0	9.6	9.1	8.6	8.8	8.3	8.0	7.5
4														
5	CED	I	DURABLE GOODS----------	9.8	7.1	7.3	9.8	9.0	7.8	7.3	8.6	7.9	7.2	6.0
6	CEDA	I	AUTOS AND PARTS----------	9.4	3.2	7.4	11.5	9.4	7.2	5.9	8.6	8.1	7.4	5.5
7	CEDF	I	FURNITURE AND HOUSEHOLD EQUIP,-	8.1	9.4	6.6	8.3	8.7	8.5	8.8	8.8	7.8	7.0	6.3
8	CEDO	I	OTHER DURABLE GOODS----------	15.5	12.9	9.1	9.1	8.3	7.8	7.4	7.9	7.7	7.3	6.7
9														
10	CEN	I	NONDURABLE GOODS----------	9.4	9.2	7.7	8.9	8.3	7.9	7.4	7.5	7.3	7.0	6.5
11	CENF	I	FOOD AND BEVERAGES----------	9.6	7.8	6.5	8.4	8.1	7.9	7.5	7.5	7.1	6.7	6.3
12	CENC	I	CLOTHING AND SHOES----------	8.1	9.6	8.1	9.0	8.3	7.8	7.4	7.4	7.0	6.7	6.3
13	CENG	I	GASOLINE AND OIL----------	8.4	12.4	10.8	9.6	7.1	5.9	4.7	4.4	4.6	4.6	4.2
14	CENO+MS	I	OTHER NONDURABLE GOODS----------	10.1	10.6	8.9	9.3	9.0	8.9	8.4	9.1	8.9	8.5	7.7
15														
16	CES	I	SERVICES----------	12.3	10.8	9.8	11.1	10.9	10.5	10.0	9.8	9.3	9.0	8.5
17	CESH	I	HOUSING----------	12.2	11.4	9.6	10.1	10.7	10.4	9.7	9.2	8.5	8.1	7.7
18	CESS	I	HOUSEHOLD OPERATION SERVICES---	12.6	10.1	8.8	10.0	9.1	8.9	8.6	8.5	7.9	7.5	7.2
19	CEST	I	TRANSPORTATION SERVICES--------	19.3	12.4	9.6	11.1	10.4	10.1	9.6	9.2	9.1	9.0	8.3
20	CESO	I	OTHER SERVICES----------	11.0	10.3	10.4	12.3	11.8	11.2	10.7	10.7	10.2	10.0	9.5
21														
22			--------CONSTANT 72 DOLLARS-------											
23														
24	CE	I	PERSONAL CONSUMPTION EXPENDITURES	3.6	2.5	2.0	3.0	3.0	2.8	2.7	3.2	3.1	3.0	2.8
25														
26	CED	I	DURABLE GOODS----------	4.0	1.0	1.9	3.8	3.8	3.0	2.8	4.3	3.9	3.3	2.3
27	CEDA	I	AUTOS AND PARTS----------	1.8	-4.6	0.0	5.3	4.5	2.2	0.9	3.9	3.4	2.7	0.8
28	CEDF	B	FURNITURE AND HOUSEHOLD EQUIP,-	4.1	4.4	2.5	2.6	3.5	3.8	4.5	4.9	4.3	3.6	3.2
29	CEDO	B	OTHER DURABLE GOODS----------	10.3	7.8	4.7	3.2	2.8	2.8	2.7	3.7	3.9	3.8	3.4
30														
31	CEN	I	NONDURABLE GOODS----------	2.3	2.6	1.8	2.7	2.2	2.1	2.0	2.4	2.5	2.5	2.3
32	CENF	B	FOOD AND BEVERAGES----------	-0.0	-0.1	-0.5	2.8	2.2	2.0	1.9	1.9	2.0	2.0	2.0
33	CENC	B	CLOTHING AND SHOES----------	5.1	5.9	4.6	3.5	3.1	3.0	2.9	3.4	3.4	3.3	3.2
34	CENG	B	GASOLINE AND OIL----------	4.8	5.3	4.1	1.7	-0.3	-1.8	-1.8	-1.7	-1.2	-0.9	-1.1
35	CENO+M	B	OTHER NONDURABLE GOODS----------	4.3	4.4	3.2	2.4	2.4	2.7	2.6	3.6	3.8	3.7	3.2
36														
37	CES	I	SERVICES----------	4.7	2.9	2.2	3.0	3.2	3.3	3.2	3.4	3.4	3.4	3.3
38	CESH	B	HOUSING----------	4.4	2.9	1.3	2.3	3.2	3.5	3.4	3.3	3.2	3.1	3.1
39	CESS	B	HOUSEHOLD OPERATION SERVICES---	5.4	3.0	2.1	3.0	3.3	3.4	3.4	3.7	3.6	3.6	3.5
40	CEST	B	TRANSPORTATION SERVICES--------	10.9	4.8	2.4	3.2	2.8	2.7	2.5	2.7	2.9	2.9	2.5
41	CESO	B	OTHER SERVICES----------	3.5	2.5	2.9	3.6	3.3	3.2	3.2	3.6	3.6	3.6	3.5

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TABLE 3.30 AUTOMOBILE CONSUMPTION

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			AUTOMOBILES (MILLION VEHICLES)											
2														
3	SAWRRDAV	B	RETAIL SALES	11.32	10.79	10.55	11.46	11.94	12.10	12.23	12.65	12.93	13.06	12.90
4	KSAWRRDAV	B	STOCK IN USE (END OF YEAR)	103.10	105.00	106.78	109.81	112.57	115.23	117.76	120.27	122.64	124.91	126.86
5	NNRA	B	NEW REGISTRATIONS	11.02	10.51	10.27	11.14	11.60	11.76	11.88	12.28	12.55	12.68	12.52
6	DISAV	I	ACTUAL SCRAPPAGE	8.90	8.60	8.50	8.11	8.84	9.10	9.35	9.78	10.18	10.40	10.56
7	DISAVEXP	I	EXPECTED SCRAPPAGE	8.99	9.19	9.37	9.54	9.72	9.86	9.90	9.96	10.12	10.34	10.57
8	NAVRAGE	I	AVERAGE AGE OF THE STOCK (YEARS)	5.44	5.47	5.50	5.49	5.46	5.43	5.41	5.40	5.38	5.38	5.39
9														
10			PERSONAL CONSUMPTION EXPENDITURES											
11			(BILLION 1972 $)											
12														
13	CEDA	I	AUTOS AND PARTS	61.11	58.1	58.1	61.2	64.0	65.4	66.0	68.6	71.0	72.9	73.5
14	CEDAVN	B	NEW CARS	36.11	32.8	31.8	33.9	35.6	36.4	36.6	38.2	39.5	40.5	40.5
15	CEDAVR+T	B	RECREATIONAL VEH & TRUCKS	8.41	8.5	9.2	9.8	10.3	10.6	10.7	11.2	11.6	12.0	12.0
16	CEDAVU	B	NET USED CARS	8.81	8.7	8.7	8.5	8.7	8.9	8.9	9.1	9.3	9.6	9.8
17	CEDAP	B	TIRES, TUBES & PARTS	7.81	8.1	8.4	9.0	9.4	9.6	9.8	10.1	10.4	10.8	11.1
18														
19			PERSONAL CONSUMPTION EXPENDITURES											
20			(BILLION CURRENT $)											
21														
22	CEDAS	I	AUTOS AND PARTS	89.11	92.0	98.8	110.2	120.6	129.3	136.9	148.8	160.7	172.6	182.1
23	CEDAVN$	I	NEW CARS	50.11	48.8	50.1	56.7	62.1	66.0	69.2	75.0	80.5	85.7	88.9
24	CEDAVR+T$	I	RECREATIONAL VEH & TRUCKS	11.61	12.7	14.6	16.7	18.8	20.5	22.0	24.4	26.7	29.0	30.5
25	CEDAVU$	I	NET USED CARS	17.01	18.9	21.1	22.0	23.4	25.0	26.5	28.7	31.1	33.7	36.5
26	CEDAP$	I	TIRES, TUBES & PARTS	10.41	11.6	13.0	14.8	16.4	17.7	19.2	20.7	22.4	24.2	26.2
27														
28			NEW CAR OPERATING COSTS											
29			(DOLLARS PER MILE)											
30														
31	UCCEDAOC$	I	TOTAL	0.2181	0.232	0.245	0.259	0.272	0.285	0.299	0.315	0.332	0.350	0.368
32	UCCEDAOCC$	I	CAPITALIZED PURCHASE COST	0.0851	0.093	0.099	0.106	0.112	0.117	0.121	0.127	0.134	0.141	0.148
33	UCCEDAOCG$	I	GASOLINE	0.0461	0.046	0.046	0.045	0.044	0.044	0.045	0.047	0.049	0.052	0.054
34	UCCEDAOCO$	I	OTHER	0.0871	0.094	0.100	0.108	0.116	0.124	0.132	0.141	0.149	0.158	0.166
35														
36			NUMBER OF PERSONS (MILLIONS)											
37	NPTLD	B	LICENSED DRIVERS	141.21	144.3	147.2	149.9	152.5	154.9	157.2	159.4	161.8	164.1	166.2
38	NPTWNA	E	NONAUTO COMMUTERS	14.41	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4
39														
40			FUEL CONSUMPTION											
41	CENG	B	CONSUMPTION, GASOLINE AND OIL	27.91	29.4	30.6	31.1	31.0	30.6	30.1	29.5	29.2	28.9	28.6
42	MPV	B	ANNUAL MILES DRIVEN PER CAR (THOU)	10.551	10.73	10.90	10.96	11.06	11.16	11.25	11.35	11.50	11.66	11.77
43	MPG	I	MILES PER GAL: NEW CAR AVE	14.251	15.14	16.24	17.79	19.34	20.88	21.64	22.04	22.24	22.44	22.65
44	MPGC	E	NEW CARS, CITY DRIVING	11.291	12.01	12.90	14.16	15.42	16.68	17.32	17.68	17.86	18.04	18.22
45	MPGH	E	NEW CARS, HIGHWAY DRIVING	20.951	22.22	23.78	25.92	28.05	30.15	31.11	31.52	31.75	31.99	32.23
46	MPGAVG	I	AVERAGE, ALL CARS	12.811	13.05	13.38	13.84	14.47	15.23	16.09	16.99	17.89	18.76	19.58
47														
48	PUCEDAVN	I	UNIT PUR PRICE, NEW CARS (1972 $)	4.6691	4.703	4.761	4.766	4.823	4.874	4.865	4.927	5.011	5.102	5.178
49	CEDAVR+T/VN	E	RATIO, CEDAVR+T TO CEDAVN	23.181	25.85	28.86	28.96	29.06	29.16	29.26	29.36	29.46	29.56	29.66
50	RACEDAVN	E	RATIO, CEDAVN TO TOTAL CARS SOLD	0.68341	0.6470	0.6332	0.6204	0.6184	0.6164	0.6144	0.6124	0.6104	0.6084	0.6064
51	RACENGAUTO	E	RATIO, CENG TO CENGAUTO	0.32851	0.3361	0.3442	0.3462	0.3482	0.3502	0.3522	0.3542	0.3562	0.3582	0.3602

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TABLE 3.40 AUTOMOBILE CONSUMPTION, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			AUTOMOBILES (MILLION VEHICLES)											
2														
3	SAWRRDAV	B	RETAIL SALES	1.31	-4.6	-2.2	8.6	4.2	1.4	1.1	3.4	2.2	1.0	-1.3
4	KSAWRRDAV	B	STOCK IN USE (END OF YEAR)	2.11	1.8	1.7	2.8	2.5	2.4	2.2	2.1	2.0	1.9	1.6
5	NNRA	B	NEW REGISTRATIONS	1.31	-4.6	-2.2	8.5	4.1	1.4	1.1	3.4	2.2	1.0	-1.2
6	DISAV	I	ACTUAL SCRAPPAGE	1.71	-3.4	-1.2	-4.6	9.0	2.9	2.8	4.5	4.1	2.2	1.6
7	DISAVEXP	I	EXPECTED SCRAPPAGE	2.71	2.3	1.9	1.8	2.0	1.4	0.4	0.6	1.6	2.2	2.2
8	NAVRAGE	I	AVERAGE AGE OF THE STOCK (YEARS)	-0.21	0.4	0.6	-0.2	-0.5	-0.5	-0.3	-0.3	-0.2	-0.1	0.3
9														
10			PERSONAL CONSUMPTION EXPENDITURES											
11			(BILLION 1972 $)											
12														
13	CEDA	I	AUTOS AND PARTS	1.81	-4.8	0.0	5.3	4.5	2.2	0.9	3.9	3.4	2.7	0.8
14	CEDAVN	B	NEW CARS	0.31	-9.1	-3.1	6.5	5.1	2.1	0.6	4.4	3.6	2.5	-0.1
15	CEDAVR+T	B	RECREATIONAL VEH & TRUCKS	4.61	1.4	8.1	6.9	5.5	2.5	0.9	4.7	3.9	2.9	0.2
16	CEDAVU	B	NET USED CARS	3.01	-0.2	0.0	-2.4	1.8	2.0	0.8	2.2	2.5	2.4	2.8
17	CEDAP	B	TIRES, TUBES & PARTS	2.91	3.1	4.1	7.3	4.1	2.4	2.5	2.7	3.1	3.4	3.3
18														
19			PERSONAL CONSUMPTION EXPENDITURES											
20			(BILLION CURRENT $)											
21														
22	CEDAS	I	AUTOS AND PARTS	9.41	3.2	7.4	11.5	9.4	7.2	5.9	8.6	8.1	7.4	5.5
23	CEDAVNS	I	NEW CARS	8.41	-2.7	2.7	13.2	9.4	6.4	4.8	8.4	7.4	6.4	3.7
24	CEDAVR+TS	I	RECREATIONAL VEH & TRUCKS	13.61	9.2	15.4	14.2	12.5	9.1	7.2	10.7	9.6	8.4	5.4
25	CEDAVUS	I	NET USED CARS	9.41	11.6	11.7	3.9	6.4	7.1	6.1	8.0	8.3	8.6	8.3
26	CEDAPS	I	TIRES, TUBES & PARTS	9.51	11.6	11.7	14.4	10.4	8.4	8.2	8.1	8.1	8.2	7.9
27														
28			NEW CAR OPERATING COSTS											
29			(DOLLARS PER MILE)											
30														
31	UCCEDAOCS	I	TOTAL	6.81	6.4	5.5	5.4	5.1	4.8	4.9	5.4	5.5	5.5	5.2
32	UCCEDAOCCS	I	CAPITALIZED PURCHASE COST	11.71	8.7	7.1	6.5	5.6	4.6	3.7	4.8	5.2	5.4	5.3
33	UCCEDAOCGS	I	GASOLINE	-2.41	0.4	-0.8	-1.6	-1.2	-0.9	2.8	4.2	4.7	4.4	4.3
34	UCCEDAOCOS	I	OTHER	7.61	7.3	7.0	7.5	7.3	7.1	6.8	6.3	5.9	5.8	5.6
35														
36			NUMBER OF PERSONS (MILLIONS)											
37														
38	NPTLD	B	LICENSED DRIVERS	2.41	2.2	2.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.2
39	NPTWNA	E	NONAUTO COMMUTERS	-0.71	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
40														
41			FUEL CONSUMPTION											
42														
43	CENG	B	CONSUMPTION, GASOLINE AND OIL	4.81	5.3	4.1	1.7	-0.3	-1.2	-1.8	-1.7	-1.2	-0.9	-1.1
44	MPV	B	ANNUAL MILES DRIVEN BY ONE CAR	1.91	1.7	1.5	0.6	0.9	0.9	0.8	0.9	1.3	1.4	0.9
45	MPG	I	MILES PER GAL; NEW CAR AVE	6.21	6.3	7.3	9.5	8.7	8.0	3.6	1.8	0.9	0.9	0.9
46	MPGC	E	NEW CARS, CITY DRIVING	6.21	6.4	7.4	9.8	8.9	8.2	3.8	2.1	1.0	1.0	1.0
47	MPGH	E	NEW CARS, HIGHWAY DRIVING	6.01	6.1	7.0	9.0	8.2	7.5	3.2	1.3	0.7	0.7	0.7
48	MPGAVG	I	AVERAGE, ALL CARS	1.21	1.9	2.6	3.4	4.5	5.3	5.6	5.6	5.3	4.9	4.4
49														
50	PUCEDAVN	I	UNIT PUR PRICE, NEW CARS (1972 $)	2.71	0.7	1.2	0.1	1.2	1.1	-0.2	1.3	1.7	1.8	1.5

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TABLE 4.10 FIXED INVESTMENT (CURRENT $)

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IBF$	FIXED INVESTMENT	328.73	350.71	368.34	420.90	483.84	537.11	589.82	665.99	738.98	802.47	855.04
2													
3	IBFN$	NONRESIDENTIAL INVESTMENT	222.38	247.43	261.74	295.31	332.00	369.69	409.19	453.67	502.00	553.06	604.07
4													
5	IA+AG$	NONRESIDENTIAL INVEST EXCL IBA	166.18	186.82	204.21	232.26	262.19	293.79	326.79	362.37	402.59	446.47	488.63
6													
7	IAAG$	FARM	13.91	15.95	15.92	19.37	23.10	27.40	31.86	35.11	38.80	42.29	45.67
8	IAMG$	MINING	4.77	5.49	6.25	7.46	8.77	9.86	10.72	11.86	13.43	15.65	17.81
9	IAMF$	TOTAL MANUFACTURING	67.46	76.37	83.14	93.71	105.17	116.59	128.25	141.51	156.66	172.21	187.05
10													
11	IAMFD$	DURABLE GOODS	31.44	36.73	40.69	46.19	51.61	56.39	61.28	67.77	75.30	82.39	88.74
12													
13	IAMFD24$	LUMBER	1.41	1.62	1.70	1.95	2.28	2.66	2.98	3.35	3.76	4.24	4.72
14	IAMFD25$	FURNITURE	0.29	0.32	0.35	0.41	0.44	0.47	0.53	0.58	0.64	0.70	0.77
15	IAMFD32$	STONE, CLAY AND GLASS	2.23	2.45	2.78	3.10	3.82	4.37	4.72	5.01	5.42	5.95	6.60
16	IAMFD33$	PRIMARY METALS	6.41	7.53	8.41	9.63	10.52	11.44	12.41	13.68	15.06	16.04	16.79
17	IAMFD34$	FABRICATED METAL PRODUCTS	2.56	2.90	3.06	3.50	3.84	4.25	4.66	5.04	5.46	5.84	6.31
18	IAMFD35$	NONELECTRICAL MACHINERY	4.67	7.85	8.64	9.72	10.98	12.17	13.31	14.79	16.49	18.20	19.79
19	IAMFD36$	ELECTRICAL MACHINERY	3.53	4.27	4.67	5.47	6.24	6.89	7.50	8.16	9.08	10.10	11.09
20	IAMFD371$	MOTOR VEHICLES	4.69	5.66	6.51	7.20	7.53	7.45	7.84	9.01	10.30	11.22	11.59
21	IAMFD37SP2$	NONAUTO TRANS EQ + ORD + MISC	2.32	2.65	2.90	3.34	3.80	4.25	4.67	5.15	5.71	6.38	7.05
22	IAMFD38$	INSTRUMENTS	1.33	1.48	1.66	1.88	2.16	2.43	2.67	3.00	3.38	3.73	4.03
23													
24	IAMFN$	NONDURABLE GOODS	36.02	39.64	42.44	47.52	53.57	60.20	66.97	73.73	81.36	89.82	98.31
25													
26	IAMFN20$	FOOD AND BEVERAGES	4.73	5.11	5.52	6.10	6.37	6.73	7.42	8.46	9.68	11.03	12.55
27	IAMFN21$	TOBACCO	0.26	0.29	0.31	0.36	0.40	0.45	0.51	0.56	0.62	0.69	0.76
28	IAMFN22$	TEXTILES	1.02	1.12	1.24	1.44	1.68	1.90	2.08	2.29	2.50	2.69	2.84
29	IAMFN23$	APPAREL	0.40	0.43	0.48	0.55	0.62	0.70	0.79	0.90	1.01	1.13	1.25
30	IAMFN26$	PAPER	3.87	4.66	5.13	5.69	6.46	7.38	8.27	9.12	10.30	11.51	12.71
31	IAMFN27$	PRINTING AND PUBLISHING	1.11	1.19	1.32	1.46	1.63	1.83	2.05	2.32	2.62	2.95	3.29
32	IAMFN28$	CHEMICALS	7.47	8.32	9.27	10.64	12.06	13.92	15.86	17.56	19.48	22.04	24.26
33	IAMFN29$	PETROLEUM	15.33	16.46	16.88	18.66	21.13	23.67	25.95	27.98	29.93	31.97	34.27
34	IAMFN30$	RUBBER	1.65	1.87	2.07	2.36	2.93	3.32	3.70	4.20	4.83	5.42	5.94
35	IAMFN31$	LEATHER	0.17	0.19	0.22	0.25	0.26	0.30	0.33	0.35	0.38	0.41	0.43
36													
37	IARGT$	TRANSPORTATION	8.32	8.67	9.06	10.20	10.81	11.45	12.57	14.10	15.96	18.27	20.72
38													
39	IARGU49$	UTILITIES	28.94	32.62	36.22	40.36	44.97	50.29	55.92	62.11	68.86	76.12	84.02
40													
41	IARGC48$	COMMUNICATIONS	17.74	20.18	23.21	26.84	30.50	34.50	38.46	42.56	47.29	52.68	58.44
42													
43	IACO$	COMMERCIAL AND OTHER	81.25	88.15	87.94	97.38	108.68	119.61	131.41	146.44	161.00	175.85	190.38
44	IACM$	COMMERCIAL	25.04	27.54	30.40	34.33	38.87	43.71	49.01	55.14	61.58	68.26	74.93
45	IRA$	CONCEPTUAL DIFF, BEA VS NIA	56.20	60.62	57.54	63.05	69.80	75.90	82.40	91.30	99.41	107.59	115.44
46													
47	IRFR$	RESIDENTIAL STRUCTURES	106.34	103.28	106.59	125.58	151.84	167.42	180.63	212.31	236.98	249.40	250.97
48													
49	IRFRN$	NONFARM RESIDENTIAL STRUCTURES	103.14	99.71	102.61	121.17	146.98	162.08	174.78	205.93	230.05	241.89	242.85
50	IRFRF$	FARM RESIDENTIAL STRUCTURES	1.47	1.78	1.96	2.08	2.19	2.31	2.42	2.54	2.65	2.77	2.89
51	IRFRE$	RESIDENTIAL DURABLE EQUIP.	1.74	1.79	2.02	2.34	2.67	3.04	3.43	3.84	4.28	4.74	5.23

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TABLE 4.20 FIXED INVESTMENT, GROWTH RATES

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IBFS	FIXED INVESTMENT	16.5	6.7	5.0	14.3	15.0	11.0	9.8	12.9	11.0	8.6	6.6
3	IBFNS	NONRESIDENTIAL INVESTMENT	16.8	11.3	5.8	12.8	12.4	11.4	10.7	10.9	10.7	10.2	9.2
5	IA+AGS	NONRESIDENTIAL INVEST EXCL IBA-	11.9	12.4	9.3	13.7	12.9	12.1	11.2	10.9	11.1	10.7	9.7
7	IAAGS	FARM	9.7	14.7	-0.2	21.6	19.3	18.6	16.3	10.2	10.5	9.0	8.0
8	IAMGS	MINING	6.0	15.1	14.0	19.3	17.6	12.4	8.7	10.6	13.3	16.5	13.8
9	IAMFS	TOTAL MANUFACTURING	12.1	13.2	8.9	12.7	12.2	10.9	10.0	10.3	10.7	9.9	8.6
11	IAMFDS	DURABLE GOODS	13.2	16.8	10.8	13.5	11.7	9.3	8.7	10.6	11.1	9.4	7.7
13	IAMFD24S	LUMBER	13.6	15.0	5.2	14.2	17.1	16.7	12.2	12.2	12.4	12.5	11.5
14	IAMFD25S	FURNITURE	11.0	10.7	9.4	18.1	7.6	6.5	11.4	10.8	8.7	10.6	9.2
15	IAMFD32S	STONE, CLAY AND GLASS	11.9	10.0	13.4	11.5	23.1	14.6	7.8	6.3	8.0	9.9	10.9
16	IAMFD33S	PRIMARY METALS	12.8	17.6	11.6	14.5	9.2	8.8	8.4	10.3	10.0	6.6	4.6
17	IAMFD34S	FABRICATED METAL PRODUCTS	12.0	13.2	5.6	14.1	9.8	10.6	9.7	8.2	8.3	7.0	8.1
18	IAMFD35S	NONELECTRICAL MACHINERY	15.8	17.7	10.1	12.4	13.0	10.8	9.4	11.2	11.5	10.4	8.7
19	IAMFD36S	ELECTRICAL MACHINERY	7.7	20.8	9.4	17.1	14.2	10.4	8.8	8.9	11.3	11.2	9.8
20	IAMFD371S	MOTOR VEHICLES	15.5	20.8	15.0	10.6	4.6	-1.0	5.2	14.8	14.4	8.9	3.4
21	IAMFD37SP2S	NONAUTO TRANS EQ + ORD + MISC	14.6	14.3	9.6	15.2	13.6	11.8	9.9	10.4	11.0	11.6	10.5
22	IAMFD38S	INSTRUMENTS	12.1	10.5	12.7	13.2	14.9	12.4	10.1	12.0	12.7	10.5	8.0
24	IAMFNS	NONDURABLE GOODS	11.2	10.0	7.1	12.0	12.7	12.4	11.2	10.1	10.3	10.4	9.4
26	IAMFN20S	FOOD AND BEVERAGES	13.2	7.9	8.1	10.5	4.4	5.6	10.2	14.0	14.6	13.9	13.8
27	IAMFN21S	TOBACCO	9.7	8.7	8.8	14.1	13.2	12.5	11.9	11.1	10.5	10.2	10.6
28	IAMFN22S	TEXTILES	11.1	9.9	10.6	16.2	16.7	13.0	9.4	10.0	9.1	7.5	5.7
29	IAMFN23S	APPAREL	8.1	7.9	12.0	14.5	12.6	12.8	12.8	13.6	12.5	11.7	10.4
30	IAMFN26S	PAPER	15.2	20.4	9.9	11.0	13.7	14.1	12.2	10.2	12.9	11.8	10.5
31	IAMFN27S	PRINTING AND PUBLISHING	9.6	7.8	10.9	10.8	11.2	12.2	12.2	13.0	13.2	12.4	11.6
32	IAMFN28S	CHEMICALS	9.4	11.4	11.4	14.8	13.3	15.4	14.0	10.7	11.0	13.1	10.1
33	IAMFN29S	PETROLEUM	10.6	7.3	2.6	10.5	13.3	12.0	9.6	7.8	7.0	6.8	7.2
34	IAMFN30S	RUBBER	13.7	13.3	10.7	14.0	24.4	13.2	11.5	13.4	15.1	12.2	9.5
35	IAMFN31S	LEATHER	7.8	11.1	13.6	15.4	5.3	12.0	10.1	8.4	7.9	6.9	5.7
37	IAMGTS	TRANSPORTATION	20.0	4.2	4.5	12.5	6.0	6.0	9.8	12.1	13.2	14.5	13.5
39	IAMGU49S	UTILITIES	12.2	12.7	11.0	11.4	11.4	11.8	11.2	11.1	10.9	10.5	10.4
41	IAMGC48S	COMMUNICATIONS	14.8	13.8	15.0	15.6	13.6	13.1	11.5	10.7	11.1	11.4	10.9
43	IACOS	COMMERCIAL AND OTHER	25.3	8.5	-0.2	10.7	11.6	10.1	9.9	11.4	9.9	9.2	8.3
44	IACMS	COMMERCIAL	9.0	10.0	10.4	12.9	13.2	12.4	12.1	12.5	11.7	10.8	9.8
45	IRAS	CONCEPTUAL DIFF, BEA VS NIA	34.2	7.9	-9.1	9.6	10.7	8.7	8.6	10.8	8.9	8.2	7.3
47	IBFRS	RESIDENTIAL STRUCTURES	15.7	-2.9	3.2	17.8	20.9	10.3	7.9	17.5	11.6	5.2	0.6
49	IBFRNS	NONFARM RESIDENTIAL STRUCTURES	16.0	-3.3	2.9	18.1	21.3	10.3	7.8	17.8	11.7	5.1	0.4
50	IBFRFS	FARM RESIDENTIAL STRUCTURES	-1.4	21.1	10.4	5.8	5.6	5.2	5.0	4.8	4.6	4.4	4.5
51	IBFRES	RESIDENTIAL DURABLE EQUIP.	18.4	2.7	13.1	15.8	14.1	13.7	12.8	12.1	11.4	10.8	10.2

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TABLE 5.10 FIXED INVESTMENT (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IBF	I	FIXED INVESTMENT	199.61	196.01	191.46	202.20	215.61	223.54	230.23	244.22	256.01	263.66	267.13
2														
3	IBFN	I	NONRESIDENTIAL INVESTMENT	140.08	144.51	143.30	150.01	157.18	163.70	169.99	177.65	185.91	193.97	200.80
4														
5	IA+AG	I	NONRESIDENTIAL INVEST EXCL IBA	104.68	109.11	111.80	117.99	124.13	130.10	135.76	141.90	149.09	156.24	162.42
6														
7	IAAG	B	FARM	8.76	9.32	8.72	9.84	10.94	12.13	13.24	13.75	14.37	14.83	15.18
8	IAMG	B	MINING	3.00	3.21	3.42	3.79	4.15	4.37	4.45	4.64	4.97	5.49	5.92
9	IAMF	I	TOTAL MANUFACTURING	42.49	44.60	45.51	47.60	49.79	51.63	53.28	55.41	58.02	60.40	62.17
10	IAMFD	I	DURABLE GOODS	19.80	21.45	22.28	23.46	24.43	24.97	25.46	26.54	27.88	28.90	29.50
11	IAMFD24	B	LUMBER	0.89	0.95	0.93	0.99	1.08	1.18	1.24	1.31	1.39	1.49	1.57
12	IAMFD25	B	FURNITURE	0.18	0.19	0.19	0.21	0.21	0.21	0.22	0.23	0.24	0.25	0.26
13	IAMFD32	B	STONE, CLAY AND GLASS	1.40	1.43	1.52	1.57	1.81	1.94	1.96	1.96	2.01	2.09	2.19
14	IAMFD33	B	PRIMARY METALS	4.03	4.40	4.60	4.89	4.98	5.07	5.15	5.36	5.58	5.63	5.58
15	IAMFD34	B	FABRICATED METAL PRODUCTS	1.61	1.70	1.68	1.78	1.82	1.88	1.93	1.97	2.02	2.05	2.10
16	IAMFD35	B	NONELECTRICAL MACHINERY	4.20	4.59	4.73	4.94	5.20	5.39	5.53	5.79	6.11	6.38	6.58
17	IAMFD36	B	ELECTRICAL MACHINERY	2.23	2.49	2.55	2.78	2.96	3.05	3.11	3.20	3.36	3.54	3.69
18	IAMFD371	B	MOTOR VEHICLES	2.95	3.31	3.57	3.66	3.56	3.30	3.26	3.53	3.81	3.93	3.85
19	IAMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	1.46	1.55	1.59	1.70	1.80	1.88	1.94	2.02	2.12	2.24	2.34
20	IAMFD38	B	INSTRUMENTS	0.84	0.86	0.91	0.96	1.02	1.08	1.11	1.17	1.25	1.31	1.34
21	IAMFN	I	NONDURABLE GOODS	22.69	23.15	23.24	24.14	25.36	26.66	27.82	28.87	30.13	31.50	32.68
22	IAMFN20	B	FOOD AND BEVERAGES	2.98	2.98	3.02	3.10	3.02	2.98	3.08	3.31	3.59	3.87	4.17
23	IAMFN21	B	TOBACCO	0.17	0.17	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25
24	IAMFN22	B	TEXTILES	0.64	0.66	0.68	0.73	0.80	0.84	0.87	0.90	0.93	0.94	0.94
25	IAMFN23	B	APPAREL	0.25	0.25	0.26	0.28	0.30	0.31	0.33	0.35	0.37	0.40	0.42
26	IAMFN26	B	PAPER	2.44	2.72	2.81	2.89	3.06	3.27	3.44	3.57	3.81	4.04	4.23
27	IAMFN27	B	PRINTING AND PUBLISHING	0.70	0.70	0.72	0.74	0.77	0.81	0.85	0.91	0.97	1.03	1.09
28	IAMFN28	B	CHEMICALS	4.71	4.86	5.07	5.41	5.71	6.16	6.59	6.88	7.22	7.73	8.06
29	IAMFN29	B	PETROLEUM	9.66	9.61	9.24	9.48	10.00	10.48	10.78	10.96	11.08	11.21	11.39
30	IAMFN30	B	RUBBER	1.04	1.09	1.13	1.20	1.39	1.47	1.54	1.64	1.79	1.90	1.97
31	IAMFN31	B	LEATHER	0.11	0.11	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14
32														
33	IARGT	B	TRANSPORTATION	5.24	5.06	4.96	5.18	5.12	5.07	5.22	5.52	5.91	6.41	6.89
34														
35	IARGU49	B	UTILITIES	18.23	19.05	19.83	20.50	21.29	22.27	23.23	24.32	25.50	26.70	27.93
36														
37	IARGC48	B	COMMUNICATIONS	11.17	11.78	12.71	13.64	14.44	15.28	15.98	16.67	17.51	18.48	19.42
38														
39	IACO	I	COMMERCIAL AND OTHER	51.18	51.48	48.14	49.47	51.45	52.96	54.59	57.34	59.62	61.68	63.28
40	IACM	B	COMMERCIAL	15.77	16.08	16.64	17.44	18.40	19.36	20.36	21.59	22.81	23.94	24.91
41	IBA	B	CONCEPTUAL DIFF, BEA VS NIA	35.40	35.40	31.50	32.03	33.05	33.61	34.23	35.75	36.82	37.74	38.37

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TABLE 5.10 FIXED INVESTMENT (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IHFR	I	RESIDENTIAL STRUCTURES	59.51	51.5	48.2	52.2	58.4	59.8	60.2	66.6	70.1	69.7	66.3
2	IHFRN	I	NONFARM	57.41	49.3	45.9	49.8	56.0	57.3	57.6	63.8	67.2	66.7	63.3
3	IHFRF	E	FARM	0.81	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
4	IHFRE	E	RESIDENTIAL DURABLE EQUIP.	1.31	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
5	IHFRNXNU-MH	B	ADDITIONS AND ALTERATIONS	12.91	13.3	14.0	14.4	14.6	14.2	14.1	14.7	14.5	14.1	13.7
6														
7	HSPR	I	PRIVATE HOUSING STARTS (THOU)	1982.1	1655.	1500.	1668.	1951.	1993.	2038.	2229.	2417.	2394.	2235.
8	HSPRS1	B	SINGLE UNITS	1390.1	1171.	1116.	1197.	1410.	1390.	1403.	1577.	1694.	1667.	1552.
9	HSPRSM	B	MULTIPLE UNITS	592.1	484.	385.	471.	541.	603.	635.	652.	723.	727.	683.
10	HSPRMH	B	MOBILE HOMES (THOU)	265.1	250.	250.	336.	317.	482.	415.	483.	391.	367.	356.
11														
12			PUBLIC HOUSING STARTS (THOU)											
13	HSPUS1	E	SINGLE UNITS	1.1	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
14	HSPUSM	E	MULTIPLE UNITS	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15														
16	KHU*		TOTAL STOCK OF RES UNITS (MILL)	81.631	82.76	83.71	84.87	86.27	87.84	89.36	91.11	92.93	94.68	96.25
17	KHU1*		SINGLE UNITS	54.141	55.19	55.98	56.84	57.92	58.96	60.01	61.23	62.56	63.86	65.03
18	KHUM*		MULTIPLE UNITS	22.371	22.58	22.69	22.89	23.16	23.49	23.85	24.24	24.69	25.14	25.54
19	KHUMH*		MOBILE HOMES	4.921	4.99	5.03	5.14	5.20	5.39	5.49	5.64	5.68	5.68	5.67
20														
21			DISCARDS FROM STOCKS (THOU)											
22	HDTOS1	I	SINGLE UNITS	318.1	324.	331.	335.	340.	347.	353.	359.	366.	374.	382.
23	HDTOSM	I	MULTIPLE UNITS	268.1	269.	276.	273.	272.	271.	271.	272.	272.	273.	278.
24	HDPRMH	I	MOBILE HOMES	164.1	182.	205.	230.	259.	287.	313.	336.	353.	363.	367.
25														
26			DISCARD RATES (%)											
27	HDRTOS1	E	SINGLE UNITS	0.5951	0.592	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595
28	HDRTOSM	E	MULTIPLE UNITS	1.2141	1.203	1.221	1.204	1.188	1.171	1.155	1.139	1.123	1.106	1.106
29														
30	NCH/KHU	B	TOTAL OCCUPANCY RATE (%)	93.021	93.64	94.45	95.02	95.33	95.41	95.52	95.34	95.03	94.78	94.69
31	HORTV	B	RENTAL HOUSING VACANCY RATE (%)	5.001	4.75	4.29	3.98	3.85	4.10	4.14	4.12	4.35	4.92	5.50
32														
33			RATIO, SINGLE UNITS AND MOBILE											
34	KHU1+MH/KHU	B	HOMES TO TOTAL HOUSING UNITS(%)	72.601	72.71	72.89	73.03	73.16	73.26	73.31	73.40	73.44	73.45	73.46
35														
36			RATIO OF SINGLE UNITS TO SINGLE											
37	KHU1/KHU1+MH	B	UNITS PLUS MOBILE HOMES (%)	91.701	91.71	91.75	91.71	91.77	91.62	91.61	91.56	91.68	91.83	91.97
38														
39	IBIT	I	CHANGE IN BUS. INVENTORIES	11.151	6.67	4.94	8.65	12.19	13.21	14.07	16.34	17.70	18.15	17.63
40	IBIF	E	FARM	-0.701	-0.12	0.25	0.45	0.02	-0.17	0.05	0.17	0.13	0.10	0.10
41	IBITDAV	I	AUTO-DEALER	-0.101	0.14	-0.05	0.17	0.10	0.37	0.52	0.57	0.52	0.53	0.58
42	IBINM	B	NONAUTO NONMANUFACTURING	6.501	2.96	2.55	4.59	6.33	6.50	6.49	7.72	8.56	8.65	8.44
43	IBINMF	I	MANUFACTURING	5.441	3.70	2.19	3.44	5.73	6.52	7.01	7.88	8.49	8.87	8.51
44	IBIN	I	NONFARM	11.851	6.80	4.69	8.20	12.17	13.38	14.02	16.17	17.57	18.05	17.53

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TABLE 5.20 FIXED INVESTMENT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IBF	I	FIXED INVESTMENT	6.5	-1.8	-2.3	5.6	6.6	3.7	3.0	6.1	4.8	3.0	1.3
2														
3	IBFN	I	NONRESIDENTIAL INVESTMENT	7.9	3.2	-0.8	4.7	4.8	4.2	3.8	4.5	4.6	4.3	3.5
4														
5	IA+AG	I	NONRESIDENTIAL INVEST EXCL IBA	2.6	4.2	2.5	5.5	5.2	4.8	4.4	4.5	5.1	4.8	4.0
6														
7	IAAG	B	FARM	-7.6	6.3	-6.4	12.9	11.2	10.9	9.1	3.9	4.5	3.2	2.4
8	IAMG	B	MINING	-2.1	6.7	6.8	10.7	9.6	5.1	2.0	4.2	7.2	10.4	7.9
9	IAMF	I	TOTAL MANUFACTURING	3.6	5.0	2.0	4.6	4.6	3.7	3.2	4.0	4.7	4.1	2.9
10	IAMFD	I	DURABLE GOODS	4.6	8.3	3.9	5.3	4.1	2.2	2.0	4.2	5.1	3.6	2.1
11	IAMFD24	B	LUMBER	5.0	6.6	-1.4	6.0	9.1	9.1	5.3	5.8	6.3	6.6	5.7
12	IAMFD25	B	FURNITURE	2.6	2.6	2.6	9.6	0.3	-0.4	4.6	4.5	2.8	4.8	3.5
13	IAMFD32	B	STONE, CLAY AND GLASS	3.4	2.0	6.3	3.5	14.8	7.2	1.2	0.2	2.2	4.0	5.1
14	IAMFD33	B	PRIMARY METALS	4.2	9.0	4.7	6.3	1.8	1.8	1.7	3.9	4.1	0.9	-0.8
15	IAMFD34	B	FABRICATED METAL PRODUCTS	3.5	5.0	-1.0	5.9	2.3	3.4	2.9	2.0	2.4	1.3	2.5
16	IAMFD36	B	ELECTRICAL MACHINERY	-0.5	12.0	2.5	8.7	6.4	3.3	2.1	2.6	5.2	5.3	4.1
17	IAMFD35	B	NONELECTRICAL MACHINERY	7.0	9.2	3.2	4.3	5.3	3.6	2.6	4.8	5.4	4.5	3.1
18	IAMFD371	B	MOTOR VEHICLES	6.7	12.0	7.8	2.6	-2.6	-7.4	-1.3	8.2	8.1	3.1	-2.0
19	IAMFD379P2	B	NONAUTO TRANS EQ + ORD + MISC	5.9	6.0	2.7	6.9	5.9	4.5	3.1	4.0	4.9	5.7	4.8
20	IAMFD38	B	INSTRUMENTS	3.6	2.5	5.6	5.0	7.1	5.2	3.3	5.6	6.6	4.7	2.3
21	IAMFN	I	NONDURABLE GOODS	2.8	2.0	0.4	3.9	5.1	5.1	4.4	3.8	4.4	4.5	3.7
22	IAMFN20	B	FOOD AND BEVERAGES	4.6	0.0	1.5	2.5	-2.7	-1.2	3.4	7.4	8.3	7.8	7.9
23	IAMFN21	E	TOBACCO	1.4	0.8	2.0	5.9	5.5	5.2	5.0	4.7	4.5	4.3	4.8
24	IAMFN22	B	TEXTILES	2.7	1.9	3.7	7.9	8.7	5.7	2.7	3.7	3.2	1.8	0.1
25	IAMFN23	B	APPAREL	-0.1	0.0	5.0	6.3	5.0	5.5	5.8	7.0	6.4	5.8	4.7
26	IAMFN26	B	PAPER	6.5	11.6	3.1	3.0	5.9	6.7	5.2	3.9	6.8	5.9	4.7
27	IAMFN27	B	PRINTING AND PUBLISHING	1.2	-0.1	4.0	2.8	3.6	4.9	5.3	6.6	7.1	6.5	5.7
28	IAMFN28	B	CHEMICALS	1.1	3.3	4.4	6.5	5.6	8.0	6.9	4.3	4.9	7.1	4.3
29	IAMFN29	B	PETROLEUM	2.2	-0.5	-3.8	2.9	5.6	4.8	2.9	1.6	1.2	1.1	1.6
30	IAMFN30	B	RUBBER	5.1	5.1	3.8	5.8	15.9	5.9	4.6	6.9	8.9	6.3	3.8
31	IAMFN31	B	LEATHER	-0.4	3.0	6.4	7.1	-1.9	4.8	3.3	2.2	2.0	1.3	0.2
32														
33	IARGT	B	TRANSPORTATION	10.9	-3.4	-2.0	4.4	-1.2	-0.9	3.0	5.7	7.1	8.4	7.5
34	IARGU49	B	UTILITIES	3.6	4.5	4.1	3.4	3.8	4.6	4.3	4.7	4.9	4.7	4.6
35	IARGC48	B	COMMUNICATIONS	6.1	5.5	7.8	7.3	5.9	5.8	4.6	4.3	5.1	5.5	5.1
36	IACO	I	COMMERCIAL AND OTHER	15.7	0.6	-6.5	2.7	4.0	2.9	3.1	5.0	4.0	3.4	2.6
37	IACM	B	COMMERCIAL	0.7	2.0	3.5	4.8	5.5	5.2	5.2	6.0	5.6	5.0	4.0
38	IBA	B	CONCEPTUAL DIFF, BEA VS NIA	27.6	0.0	-11.0	1.7	3.2	1.7	1.9	4.4	3.0	2.5	1.7
39														
40	IBFR	I	RESIDENTIAL STRUCTURES	3.2	-13.5	-6.5	8.4	12.0	2.4	0.7	10.5	5.3	-0.6	-4.8
41	IBFRN	I	NONFARM	3.2	-14.1	-7.0	8.5	12.3	2.3	0.5	10.8	5.4	-0.8	-5.2
42	IBFRF	E	FARM	-9.2	8.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	IBFRE	E	RESIDENTIAL DURABLE EQUIP	9.7	-2.4	7.7	7.2	6.7	6.3	5.9	5.6	5.3	5.0	4.8
44	IBFRNXNU-MH	B	ADDITIONS AND ALTERATIONS	-6.6	2.8	5.1	2.6	2.0	-2.9	-0.9	4.2	-1.3	-2.7	-2.4
45														
46	HSPR	I	PRIVATE HOUSING STARTS	-0.2	-16.5	-9.3	11.2	16.9	2.2	2.3	9.4	8.4	-1.0	-6.6
47	HSPRS1	B	SINGLE UNIT	-4.2	-15.7	-4.8	7.3	17.7	-1.4	1.0	12.4	7.4	-1.6	-6.9
48	HSPR5M	B	MULTIPLE UNIT	10.5	-18.3	-20.4	22.3	14.9	11.4	5.3	2.7	10.9	0.6	-6.0
49	HSPRH	I	PRIV NONFARM HOUSING STARTS	0.3	-16.7	-9.5	11.3	17.1	2.2	2.3	9.5	8.5	-1.0	-6.7
50	HSPRF	E	PRIV FARM HOUSING STARTS	-33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	HSPRMH	B	MOBILE HOMES	-4.2	-5.8	0.1	34.5	-5.8	52.2	-14.0	16.4	-19.0	-6.3	-2.8

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TABLE 6.10 IMPORTS AND IMPORT DEFLATORS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)----											
2	TMBS	I	TOTAL GOODS AND SERVICES------	216.3	246.9	269.9	304.9	340.0	373.0	411.4	457.6	506.9	559.1	611.5
3	TMBGTEDODS	I	MERCHANDISE TOTAL, BOP BASIS--	175.8	196.4	213.4	241.0	269.6	297.4	326.2	362.5	400.0	440.4	480.1
4	TMBCS	E	MERCH. DIFF BETWEEN CEN & BOP	-3.4	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
5	TMCGTS	I	MERCHANDISE, TOTAL----------	172.4	192.6	209.5	237.1	265.8	293.5	322.4	358.6	396.2	436.5	476.2
6	TMCGTO+1S	B	FOOD AND BEVERAGES----------	15.4	15.6	16.5	18.7	19.2	20.3	22.4	25.4	28.4	31.4	34.5
7	TMCGT2+4S	B	CRUDE MATERIALS EXPECT FUELS-	9.7	10.2	11.0	12.6	14.9	16.5	17.6	19.3	20.8	21.9	23.4
8	TMCGT3S	I	FUELS----------	43.2	51.0	59.0	68.8	77.8	86.9	96.4	106.2	116.8	128.1	140.3
9	TMCGT5.9S	I	MANUFACTURED GOODS----------	104.1	115.8	123.1	137.0	154.0	169.8	185.9	207.7	230.2	255.1	278.1
10	TMCGT5.9-UGT3S	B	MFG GOODS EXC AUTOS & PARTS-	82.8	93.4	99.3	110.7	125.5	139.5	154.1	173.4	193.5	216.0	237.2
11	TMUGT3S	I	AUTOS AND PARTS----------	21.3	22.3	23.8	26.3	28.5	30.3	31.8	34.3	36.7	39.1	40.9
12	TMUGT3NS	I	NONCANADIAN----------	10.7	11.0	11.8	12.9	13.9	14.6	15.2	16.2	17.2	18.1	18.7
13	TMUGT3CS	I	CANADIAN----------	10.5	11.4	12.0	13.4	14.7	15.7	16.6	18.1	19.5	21.0	22.1
14	TMBSS	I	SERVICES, TOTAL----------	45.4	54.1	57.9	65.3	71.7	77.0	86.6	96.6	108.2	120.2	132.8
15	TMBSIFS	B	PAYMENTS ON FOREIGN ASSETS--	21.2	25.7	25.7	30.1	32.9	34.7	40.5	46.2	53.3	60.2	67.7
16	TMBSIFRS	E	REINVESTED EARNINGS----------	2.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
17	TMBSTVS	B	TRAVEL----------	8.3	9.5	10.6	11.4	12.8	13.9	15.1	16.5	18.0	19.6	21.2
18	TMBSTRPS	B	TRANSPO PASSENGER FARES-----	3.3	4.0	4.5	5.0	5.4	5.7	6.1	6.6	7.1	7.7	8.3
19	TMBSTROS	B	TRANSPORTATION, OTHER-------	8.0	9.7	11.2	12.5	13.7	15.1	16.6	18.2	20.0	22.0	23.9
20	TMBSOTS	E	OTHER----------	4.7	5.2	5.8	6.4	7.0	7.6	8.3	9.0	9.8	10.7	11.7
21	TMBDES	E	TRANSFER UNDER MILITARY AGENCY	6.6	7.2	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
22	TMBAS	E	DIFF BETWEEN BOP & NIA-------	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
23	YINTGFPFS	E	INT PAID BY GOVT TO FOREIGNERS	8.5	7.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
24	TBBCARS	I	BAL. ON CURRENT ACCOUNT------	-16.7	-0.3	7.0	1.9	-0.0	2.1	-2.9	-2.9	-1.3	-1.4	-1.0
25														
26			----CONSTANT 1972 DOLLARS----											
27	TMB	I	TOTAL GOODS AND SERVICES------	98.6	104.2	106.0	112.5	118.3	123.3	130.6	139.5	148.7	157.9	166.3
28	TMBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	69.1	70.4	70.2	73.4	76.8	79.7	82.7	87.3	91.5	95.9	99.3
29	TMCGT	I	MERCHANDISE, TOTAL----------	67.8	69.0	68.9	72.2	75.7	78.7	81.8	86.4	90.6	95.0	98.5
30	TMCGTO+1	I	FOOD AND BEVERAGES----------	7.5	7.4	7.4	7.8	7.4	7.3	7.5	8.0	8.4	8.8	9.1
31	TMCGT2+4	I	CRUDE MATERIALS EXPECT FUELS-	2.5	2.4	2.5	2.6	2.9	3.0	3.0	3.1	3.2	3.2	3.2
32	TMCGT3	I	FUELS----------	9.2	10.1	10.9	12.0	12.8	13.6	14.3	15.0	15.7	16.4	17.2
33	TMCGT5.9	I	MANUFACTURED GOODS----------	48.6	49.1	48.1	49.9	52.6	54.8	56.9	60.2	63.3	66.6	69.0
34	TMBS	I	SERVICES, TOTAL----------	32.3	35.6	36.1	39.4	41.8	43.8	48.1	52.4	57.4	62.3	67.3
35	TMBDE	I	TRANSFER UNDER MILITARY AGENCY	4.7	4.7	4.9	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
36														
37			----DEFLATORS (1972=100)----											
38	PTMB	I	TOTAL GOODS AND SERVICES------	219.4	236.9	254.6	271.1	287.5	302.6	315.1	328.2	340.9	354.1	367.7
39	PTMCGT	I	MERCHANDISE, TOTAL----------	254.3	279.0	304.0	328.3	351.2	372.9	394.3	415.3	437.2	459.4	483.6
40	PTMEGTF	I	FOOD AND BEVERAGES----------	204.8	210.5	223.2	241.5	260.1	279.1	298.2	318.0	338.2	358.3	379.3
41	PTMEGTFC	E	CRUDE FOODS----------	290.1	293.4	309.5	335.0	360.9	387.9	415.3	442.7	471.0	499.3	529.0
42	PTMEGTFM	E	MANUFACTURED FOODS----------	148.1	155.5	165.8	179.5	193.2	206.9	220.6	235.3	250.0	264.7	280.0
43	PTMEGTCM	E	CRUDE MATERIALS ----------	393.0	419.0	445.2	477.7	511.0	542.9	579.0	615.6	652.0	688.5	727.0
44	PTMEGT3	I	FUELS----------	470.8	506.5	538.8	574.9	608.4	641.1	673.2	706.8	742.0	778.8	817.5
45	PTMEGTM	I	MANUFACTURED GOODS----------	214.0	235.7	255.8	274.7	292.6	309.7	326.9	344.9	363.7	382.9	403.0
46	PTMEGTMS	E	MANUFACTURED GOODS, SEMIFIN-	270.7	301.6	338.7	372.6	402.4	426.5	450.0	474.3	499.4	525.4	552.2
47	PTMEGTMF	E	MANUFACTURED GOODS, FINISHED	196.2	215.1	229.8	244.0	258.3	273.1	288.3	304.4	321.2	338.2	356.2
48	PTMBS+DE	E	SERVICES & DEFENSE----------	140.4	151.9	160.3	165.9	171.7	175.8	179.9	184.1	188.5	192.9	197.4
49														
50			----------ADDENDUM----------											
51	TMBS+OTH	I	IMPT SERVICES & OTHER (1972 $)-	30.8	35.2	37.1	40.2	42.6	44.6	48.8	53.1	58.1	62.9	67.8
52	TMBS+OTHS	I	IMPT SERVICES & OTHER (CURR $)-	43.9	54.3	60.4	67.8	74.2	79.5	89.0	99.0	110.7	122.6	135.3

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TABLE 6.20 IMPORTS & IMPORT DEFLATORS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)-----											
2	IMBS	I	TOTAL GOODS AND SERVICES-------	15.9	14.2	9.3	13.0	11.5	9.7	10.3	11.2	10.8	10.5	9.4
3	IMBGTEDOD$	I	MERCHANDISE TOTAL, BOP BASIS--	15.9	11.8	8.6	12.9	11.9	10.3	9.7	11.1	10.4	10.1	9.0
4	IMBC$	E	MERCH. DIFF BETWEEN CEN & BOP	-10.6	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	IMCGT$	I	MERCHANDISE, TOTAL-----------	16.6	11.7	8.8	13.2	12.1	10.4	9.8	11.3	10.5	10.2	9.1
6	IMCGT0+1$	B	FOOD AND BEVERAGES----------	9.0	1.7	5.6	13.6	2.3	6.2	10.2	13.1	11.9	10.6	9.8
7	IMCGT2+4$	B	CRUDE MATERIALS EXPECT FUELS-	18.0	4.9	7.4	14.6	18.1	10.9	7.0	9.7	7.4	5.6	6.7
8	IMCGT3$	I	FUELS-----------------------	-2.2	18.0	15.6	16.7	13.0	11.7	10.9	10.2	9.9	9.7	9.5
9	IMCGT5.9$	I	MANUFACTURED GOODS----------	28.0	11.2	6.3	11.3	12.4	10.3	9.5	11.7	10.9	10.8	9.0
10	IMCGT5.9-UGT3$	B	MFG GOODS EXC AUTOS & PARTS-	32.2	12.8	6.3	11.5	13.4	11.2	10.4	12.6	11.6	11.6	9.8
11	IMUGT3$	I	AUTOS AND PARTS-------------	13.8	5.0	6.5	10.6	8.5	6.3	5.0	7.7	7.1	6.5	4.5
12	IMUGT3N$	I	NONCANADIAN-----------------	12.7	2.0	7.3	9.6	7.6	5.4	4.0	6.7	6.1	5.4	3.4
13	IMUGT3C$	I	CANADIAN--------------------	15.1	8.1	5.7	11.6	9.4	7.2	5.9	8.6	8.1	7.4	5.5
14	IMBS$	I	SERVICES, TOTAL-------------	25.0	19.1	7.1	12.8	9.8	7.4	12.4	11.6	12.1	11.0	10.6
15	IMBSIF$	B	PAYMENTS ON FOREIGN ASSETS---	45.5	21.0	0.1	16.9	9.4	5.4	16.7	14.2	15.3	13.0	12.4
16	IMBSIFR$	E	REINVESTED EARNINGS---------	38.4	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	IMBSTV$	B	TRAVEL----------------------	11.0	14.9	11.7	7.9	11.6	8.7	8.9	9.1	9.1	8.8	8.5
18	IMBSTRP$	B	TRANSPO PASSENGER FARES-----	15.0	21.3	13.9	10.1	8.0	7.0	6.6	7.3	8.0	7.9	7.9
19	IMBSTRO$	B	TRANSPORTATION, OTHER-------	9.7	21.3	16.1	10.9	10.1	10.2	9.5	10.2	9.7	9.8	8.9
20	IMBSOT$	E	OTHER-----------------------	11.4	12.2	11.5	9.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0
21	IMBDE$	E	TRANSFER UNDER MILITARY AGENCY	14.4	8.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22														
23			-----CONSTANT 1972 DOLLARS-----											
24	IMB	I	TOTAL GOODS AND SERVICES-------	11.1	5.8	1.7	6.1	5.1	4.2	5.9	6.8	6.6	6.2	5.3
25	IMBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	9.8	1.9	-0.3	4.6	4.6	3.8	3.7	5.5	4.8	4.8	3.6
26	IMCGT	I	MERCHANDISE, TOTAL-----------	10.5	1.8	-0.2	4.8	4.8	4.0	3.9	5.6	4.9	4.9	3.6
27	IMCGT0+1	I	FOOD AND BEVERAGES----------	8.7	-1.1	-0.3	5.0	-5.0	-1.1	3.1	6.1	5.3	4.4	3.7
28	IMCGT2+4	I	CRUDE MATERIALS EXPECT FUELS-	14.7	-1.6	1.1	6.8	10.4	4.4	0.3	3.1	1.4	-0.0	1.0
29	IMCGT3	I	FUELS-----------------------	-6.0	9.7	8.7	9.4	6.8	6.0	5.7	5.0	4.7	4.5	4.3
30	IMCGT5.9	I	MANUFACTURED GOODS----------	14.3	1.0	-2.0	3.6	5.5	4.2	3.7	5.9	5.1	5.3	3.6
31	IMBS	I	SERVICES, TOTAL-------------	20.8	10.1	1.4	9.0	6.1	4.9	9.8	9.0	9.5	8.5	8.0
32	IMBDE	I	TRANSFER UNDER MILITARY AGENCY	10.6	0.7	4.2	-3.4	-3.4	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3
33														
34			-----DEFLATORS (1972=100)-----											
35	PIMB	I	TOTAL GOODS AND SERVICES-------	4.3	7.9	7.5	6.5	6.0	5.3	4.1	4.2	3.9	3.9	3.8
36	PIMCGT	I	MERCHANDISE, TOTAL-----------	5.5	9.7	9.0	8.0	7.0	6.2	5.7	5.3	5.3	5.1	5.3
37	PIMEGTF	I	FOOD AND BEVERAGES----------	0.2	2.8	6.0	8.2	7.7	7.3	6.9	6.6	6.3	5.9	5.9
38	PIMEGTFC	E	CRUDE FOODS-----------------	-2.7	1.1	5.5	8.2	7.7	7.5	7.0	6.6	6.4	6.0	5.9
39	PIMEGTFM	E	MANUFACTURED FOODS----------	4.3	5.0	6.6	8.3	7.6	7.1	6.6	6.7	6.2	5.9	5.8
40	PIMEGTCM	E	CRUDE MATERIALS ------------	2.9	6.6	6.3	7.3	7.0	6.2	6.6	6.3	5.9	5.6	5.6
41	PIMCGT3	I	FUELS-----------------------	4.1	7.6	6.4	6.7	5.8	5.4	5.0	5.0	5.0	5.0	5.0
42	PIMEGTM	I	MANUFACTURED GOODS----------	12.0	10.2	8.5	7.4	6.5	5.8	5.5	5.5	5.4	5.3	5.2
43	PIMEGTMS	E	MANUFACTURED GOODS, SEMIFIN-	8.0	11.4	12.3	10.0	8.0	6.0	5.5	5.4	5.3	5.2	5.1
44	PIMEGTMF	E	MANUFACTURED GOODS, FINISHED	13.7	9.6	6.8	6.2	5.8	5.8	5.6	5.6	5.5	5.3	5.3
45	PIMBS+DE	E	SERVICES & DEFENSE----------	3.4	8.2	5.6	3.5	3.5	2.3	2.3	2.3	2.3	2.3	2.3
46														
47			----------ADDENDUM----------											
48	IMBS+OTH	I	[MP] SERVICES & OTHER (1972 $)-	12.6	14.5	5.3	8.6	5.8	4.7	9.5	8.8	9.3	8.3	7.9
49	IMBS+OTH$	I	[MP] SERVICES & OTHER (CURR $)-	13.2	23.8	11.1	12.3	9.4	7.1	12.0	11.2	11.8	10.8	10.3

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TABLE 7.00 IMPORTS, FUELS DETAIL

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			COAL, COKE, ETC.											
2														
3	IMQGT32	E	MILLION TONS	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
4	IMQGT32	E	% CHANGE	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5														
6	PIMCGT32V	E	UNIT PRICE, $/TON	53.45	56.39	59.50	62.77	66.22	69.87	73.71	77.76	82.04	86.55	91.31
7	PIMCGT32V	E	% CHANGE	8.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
8														
9	IMCGT32$	I	VALUE, BILL CURRENT $	0.25	0.27	0.28	0.30	0.31	0.33	0.35	0.37	0.39	0.41	0.43
10	IMCGT32$	I	% CHANGE	10.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
11														
12	PIMCGT32	I	UNIT VALUE INDEX, 1972=100	180.4	190.4	200.9	211.9	223.6	235.8	248.8	262.5	276.9	292.2	308.2
13	PIMCGT32	I	% CHANGE	8.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
14														
15	IMCGT32	I	VALUE, BILL 72$	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
16	IMCGT32	I	% CHANGE	1.3	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17														
18			CRUDE PETROLEUM											
19														
20	IMQGT331	E	MILL BARRELS	2204.7	2455.0	2660.0	2899.4	3131.4	3350.6	3568.5	3768.3	3968.1	4166.5	4366.5
21	IMQGT331	E	% CHANGE	-8.0	11.4	8.4	9.0	8.0	7.0	6.5	5.6	5.3	5.0	4.8
22														
23	PIMCGT331	E	UNIT PRICE, $/BARREL	14.55	15.71	16.65	17.73	18.80	19.83	20.82	21.86	22.96	24.10	25.31
24	PIMCGT331	E	% CHANGE	3.9	8.0	6.0	6.5	6.0	5.5	5.0	5.0	5.0	5.0	5.0
25														
26	IMCGT331$	I	VALUE, BILL CURRENT $	32.08	38.57	44.29	51.41	58.87	66.44	74.30	82.38	91.09	100.43	110.51
27	IMCGT331$	I	% CHANGE	-4.5	20.2	14.8	16.1	14.5	12.9	11.8	10.9	10.6	10.3	10.0
28														
29	PIMCGT331	I	UNIT VALUE INDEX, 1972=100	452.7	488.8	518.0	551.6	584.9	617.0	647.8	680.2	714.2	749.9	787.4
30	PIMCGT331	I	% CHANGE	3.9	8.0	6.0	6.5	6.0	5.5	5.0	5.0	5.0	5.0	5.0
31														
32	IMCGT331	I	VALUE, BILL 72$	7.09	7.89	8.55	9.32	10.06	10.77	11.47	12.11	12.75	13.39	14.03
33	IMCGT331	I	% CHANGE	-8.0	11.4	8.4	9.0	8.0	7.0	6.5	5.6	5.3	5.0	4.8
34														
35			REFINED RESIDUAL FUEL & OIL											
36														
37	IMQGT3324	E	MILL BARRELS	511.0	531.0	550.0	580.2	609.9	639.6	669.8	699.8	729.8	759.8	789.8
38	IMQGT3324	E	% CHANGE	3.7	3.9	3.6	5.5	5.1	4.9	4.7	4.5	4.3	4.1	3.9
39														
40	PIMCGT3324	E	UNIT PRICE, $/BARREL	10.60	11.24	11.85	12.47	13.12	13.81	14.54	15.30	16.11	16.96	17.85
41	PIMCGT3324	E	% CHANGE	0.2	6.0	5.4	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3
42														
43	IMCGT3324$	I	VALUE, BILL CURRENT $	5.42	5.97	6.52	7.23	8.00	8.83	9.74	10.71	11.76	12.88	14.10
44	IMCGT3324$	I	% CHANGE	3.9	10.2	9.2	11.0	10.6	10.4	10.2	10.0	9.8	9.6	9.4
45														
46	PIMCGT3324	I	UNIT VALUE INDEX, 1972=100	583.1	618.3	651.8	685.8	721.7	759.5	799.5	841.6	886.0	932.7	981.8
47	PIMCGT3324	I	% CHANGE	0.2	6.0	5.4	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3
48														
49	IMCGT3324	I	VALUE, BILL 72$	0.93	0.97	1.00	1.05	1.11	1.16	1.22	1.27	1.33	1.38	1.44
50	IMCGT3324	I	% CHANGE	3.7	3.9	3.6	5.5	5.1	4.9	4.7	4.5	4.3	4.1	3.9

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LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1																
2			OTHER REFINED PRODUCTS													
3																
4	TMQGT3OT	E	MILL BARRELS	302.0	314.0	325.0	331.5	338.1	344.9	351.8	358.8	366.0	373.3	380.8
5	TMQGT3OT	E	% CHANGE	0.1	4.0	3.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
6																
7	PUTMCGT3OT	E	UNIT PRICE, $/BARREL	8.99	9.53	10.05	10.60	11.19	11.80	12.45	13.13	13.86	14.62	15.42
8	PUTMCGT3OT	E	% CHANGE	2.9	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
9																
10	TMCGT3OT$	I	VALUE, BILL CURRENT $	2.71	2.99	3.27	3.51	3.78	4.07	4.38	4.71	5.07	5.46	5.87
11	TMCGT3OT$	I	% CHANGE	3.1	10.2	9.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
12																
13	PTMCGT3OT	I	UNIT VALUE INDEX, 1972=100	483.6	512.6	540.6	570.3	601.7	634.8	669.7	706.6	745.4	786.4	829.7
14	PTMCGT3OT	I	% CHANGE	3.0	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
15																
16	TMCGT3OT	I	VALUE, BILL 72$	0.56	0.58	0.60	0.62	0.63	0.64	0.65	0.67	0.68	0.69	0.71
17	TMCGT3OT	I	% CHANGE	0.1	4.0	3.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18																
19			NATURAL GAS													
20																
21	TMQGT34	E	BILL CUBIC FEET	1000.0	1050.0	1400.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0
22	TMQGT34	E	% CHANGE	-0.9	5.0	33.3	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23																
24	PUTMCGT34	E	UNIT PRICE, CTS/THOU CUBIC FEET	277.1	306.2	330.7	354.3	377.9	401.5	425.1	448.7	472.3	495.9	520.7
25	PUTMCGT34	E	% CHANGE	10.0	10.5	8.0	7.1	6.7	6.2	5.9	5.6	5.3	5.0	5.0
26																
27	TMCGT34$	I	VALUE, BILL CURRENT $	2.77	3.22	4.63	6.38	6.80	7.23	7.65	8.08	8.50	8.93	9.37
28	TMCGT34$	I	% CHANGE	9.0	16.0	44.0	37.7	6.7	6.2	5.9	5.6	5.3	5.0	5.0
29																
30	PTMCGT34	I	UNIT VALUE INDEX, 1972=100	592.2	654.4	706.8	757.2	807.7	858.1	908.6	959.0	1009.4	1059.9	1112.9
31	PTMCGT34	I	% CHANGE	10.0	10.5	8.0	7.1	6.7	6.2	5.9	5.6	5.3	5.0	5.0
32																
33	TMCGT34	I	VALUE, BILL 72$	0.47	0.49	0.66	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
34	TMCGT34	I	% CHANGE	-0.9	5.0	33.3	28.6	0.0	-0.0	0.0	0.0	-0.0	0.0	-0.0

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TABLE 8.10 EXPORTS AND EXPORT DEFLATORS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)----											
2	TEB$	I	TOTAL GOODS AND SERVICES------	206.41	253.0	281.7	311.7	344.8	380.0	413.3	459.6	510.4	562.6	615.3
3	TEBGTEDOD$	I	MERCHANDISE TOTAL, BOP BASIS--	142.11	176.3	195.2	216.1	238.4	264.6	290.5	326.2	363.5	402.5	441.5
4	TEBCS	E	DIFF BETWEEN CENSUS & BOP----	-0.61	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
5	TECGD$	I	MERCHANDISE TOTAL------------	141.61	175.9	194.8	215.7	238.0	264.2	290.1	325.8	363.1	402.1	441.1
6	TECGDO+1$	B	FOOD & BEVERAGES------------	21.61	24.2	26.8	29.6	31.7	34.0	36.8	40.3	43.1	46.8	50.7
7	TECGDPL480$	E	AGRIC EXP UNDER PL 480------	0.61	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
8	TECGD2+4$	B	CRUDE MATERIALS EXCEPT FUELS-	16.91	19.5	19.9	21.5	23.4	26.0	28.7	31.7	34.8	37.8	40.8
9	TECGD3$	I	FUELS-----------------------	3.61	3.9	3.9	4.4	4.8	5.5	6.3	7.0	7.9	8.7	9.7
10	TECGD5,9$	I	MANUFACTURED GOODS-----------	99.51	128.2	144.2	160.2	178.2	198.7	218.3	246.7	277.4	308.8	339.9
11	TECGD5,9-3-220$	B	NONAUTO NONAIRCRAFT MF GOODS	78.91	104.4	117.8	131.8	147.6	164.4	182.4	207.1	234.2	261.9	289.5
12	TEUGT3$	E	AUTOS & PARTS, END-USE------	14.81	17.2	19.3	20.9	22.7	24.6	26.7	29.1	31.4	33.7	36.1
13	TEUGT220$	E	CIV AIRCRAFT & PARTS,END-USE	5.81	6.6	7.1	7.5	7.9	9.7	9.2	10.5	11.8	13.1	14.4
14	TEBS$	I	SERVICES TOTAL---------------	66.01	77.2	86.1	94.9	105.4	114.1	121.2	131.5	144.7	157.6	171.0
15	TEBSIF$	B	RECEIPTS ON US INVEST ABROAD-	39.71	47.7	53.8	59.2	65.4	69.6	71.9	76.6	84.1	90.8	97.7
16	TEBSIFR$	E	REINVESTED EARNINGS----------	8.81	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
17	TEBSTV$	B	TRAVEL----------------------	7.11	8.1	9.0	9.7	10.9	11.8	12.9	14.1	15.5	17.1	18.8
18	TEBSTRP$	B	TRANSPO, PASSENGER FARES-----	1.51	1.6	1.9	2.1	2.5	2.9	3.3	3.8	4.3	4.9	5.5
19	TEBSTRO$	B	TRANSPORTATION, OTHER--------	7.71	9.1	10.0	11.1	12.2	13.6	15.0	16.7	18.4	20.4	22.3
20	TEBSOT$	E	OTHER-----------------------	10.01	10.6	11.4	12.8	14.4	16.2	18.2	20.3	22.4	24.5	26.7
21	TEBDE$	E	TRANSFER UNDER US MIL AGENCY--	8.21	9.0	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3
22	TEBA$	E	DIFF BETWEEN BOP & NIA-------	-1.21	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
23														
24			----CONSTANT 1972 DOLLARS----											
25	TEB	I	TOTAL GOODS AND SERVICES------	108.31	125.3	132.7	138.2	144.1	149.7	154.1	162.7	172.1	181.2	189.7
26	TEBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	73.51	83.1	85.4	89.0	92.4	96.7	100.2	106.6	112.8	119.1	124.7
27	TECGD	I	MERCHANDISE TOTAL------------	73.31	82.9	85.2	88.8	92.3	96.5	100.1	106.5	112.7	119.0	124.6
28	TECGDO+1	I	FOOD & BEVERAGES------------	11.51	12.9	14.1	14.9	15.1	15.4	15.9	16.5	16.8	17.6	18.4
29	TECGD2+4	I	CRUDE MATERIALS EXCEPT FUELS-	7.51	7.7	7.1	7.2	7.2	7.5	7.8	8.0	8.3	8.5	8.8
30	TECGD3	E	FUELS-----------------------	1.51	1.4	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
31	TECGD5,9	I	MANUFACTURED GOODS-----------	52.81	60.9	62.8	65.5	68.6	72.2	74.9	80.4	85.9	91.1	95.5
32	TEBS	I	SERVICES TOTAL---------------	35.01	41.9	46.5	48.4	50.7	52.0	52.8	54.9	58.0	60.7	63.6
33	TEBDE	I	TRANSFER UNDER US MIL AGENCY--	4.41	4.9	5.4	5.2	5.1	4.9	4.8	4.8	4.7	4.6	4.6
34														
35			----DEFLATORS (1972=100)-----											
36	PTEH	I	TOTAL GOODS AND SERVICES------	190.61	201.9	212.2	225.5	239.3	253.8	268.2	282.6	296.6	310.5	324.4
37	PTECGD	I	MERCHANDISE TOTAL------------	193.31	212.2	228.5	242.8	258.0	273.8	289.9	306.0	322.1	337.9	354.0
38	PTEFGDF	B	FOODS-----------------------	188.41	187.1	190.2	198.6	209.2	220.5	231.9	244.6	256.4	266.3	276.1
39	PTEFGDCM	B	CRUDE MATERIALS-------------	225.71	254.3	282.0	300.7	322.9	346.2	369.5	395.0	419.7	442.2	463.0
40	PTOEFUEL	B	FUELS-----------------------	239.11	273.2	307.0	339.3	372.4	396.8	420.3	442.8	465.6	489.0	513.0
41	PTEFGDM	B	MANUFACTURED GOODS-----------	188.41	210.7	229.5	244.6	259.7	275.2	291.4	307.0	322.8	339.0	355.8
42	PTEBS+DE	I	SERVICES & DEFENSE-----------	188.41	184.0	185.0	196.2	207.8	219.3	229.6	239.8	249.7	259.5	269.0
43														
44			----------ADDENDUM----------											
45	ZWAPCET	I	CPIJWTD AVE IN 7 COUNTRIES----	162.31	174.7	188.9	199.6	215.7	229.6	244.5	260.4	277.3	295.2	314.4
46	REXWA	I	FX RATE) 7 COUNTRY WTD AVE----	110.51	112.0	111.5	111.5	111.5	111.5	111.6	111.6	111.6	111.6	111.6
47	ZWAIP7	I	IND PROD) 7 COUNTRY WTD AVE---	127.51	134.6	141.7	148.0	154.5	161.4	168.5	175.9	183.7	191.8	200.3
48	PTIWW	E	WORLD TRADE, PRICE INDEX-----	225.71	242.6	259.3	278.2	297.3	316.3	336.6	358.2	380.6	404.1	428.3
49	TEBS+OTH	I	EXPJ SERVICES & OTHER (1972 $)	35.01	42.4	47.5	49.4	51.8	53.2	54.1	56.2	59.4	62.2	65.1
50	TEBS+OTH$	I	EXPJ SERVICES & OTHER (CURR $)	64.81	77.1	86.9	96.0	106.8	115.8	123.2	133.8	147.3	160.5	174.2
51	PTEBS+OTH	B	EXP DEFL) SERVICES & OTHER----	185.11	181.7	183.0	194.3	206.1	217.6	227.9	238.2	248.1	258.0	267.6

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TABLE 8.20 EXPORTS AND EXPORT DEFLATORS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)----											
2	TEB$	I	TOTAL GOODS AND SERVICES------	17.6	22.6	11.4	10.6	10.6	10.2	8.8	11.2	11.0	10.2	9.4
3	TEBGTEDOD$	I	MERCHANDISE TOTAL, BOP BASIS--	17.9	24.0	10.7	10.7	10.3	11.0	9.8	12.3	11.4	10.7	9.7
4	TEBC$	E	DIFF BETWEEN CENSUS & BOP----	-78.3	-29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	TECGD$	I	MERCHANDISE TOTAL------------	20.0	24.2	10.7	10.7	10.3	11.0	9.8	12.3	11.5	10.8	9.7
6	TECGDO+1$	B	FOOD & BEVERAGES-------------	35.7	11.7	10.8	10.4	7.1	7.4	8.2	9.6	6.8	8.7	8.3
7	TECGDPL480$	E	AGRIC EXP UNDER PL 480-------	-45.7	0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	TECGD2+4$	B	CRUDE MATERIALS EXCEPT FUELS-	19.1	15.8	1.9	8.3	8.5	11.2	10.4	10.5	9.7	8.7	7.9
9	TECGD3$	I	FUELS------------------------	-14.7	10.8	-0.9	11.5	9.8	14.8	13.6	12.4	11.8	11.2	10.8
10	TECGD5,9$	I	MANUFACTURED GOODS-----------	18.9	28.9	12.5	11.1	11.2	11.5	9.9	13.0	12.4	11.3	10.1
11	TECGD5,9-3-220$	B	NONAUTO NONAIRCRAFT MF GOODS	19.7	32.4	12.8	11.9	12.0	11.4	10.9	13.6	13.1	11.9	10.5
12	TEUGT3$	E	AUTOS & PARTS, END-USE-------	22.3	16.1	12.1	8.3	8.4	8.5	8.6	8.7	8.0	7.4	6.9
13	TEUGT220$	E	CIV AIRCRAFT & PARTS,END-USE	2.1	14.1	7.9	5.6	5.3	22.7	-5.1	14.1	12.4	11.0	9.9
14	TES$	I	SERVICES TOTAL---------------	18.8	17.0	11.6	10.2	11.1	8.2	6.3	8.5	10.0	8.9	8.5
15	TESIF$	B	RECEIPTS ON US INVEST ABROAD-	23.7	20.2	12.8	10.0	10.5	6.4	3.2	6.7	9.7	8.0	7.6
16	TESIFR$	E	REINVESTED EARNINGS----------	20.0	-3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	TESTV$	B	TRAVEL-----------------------	16.0	13.8	11.2	7.3	12.0	8.5	9.5	9.6	9.8	10.0	10.2
18	TESTRP$	B	TRANSPO. PASSENGER FARES-----	7.9	10.6	14.9	14.0	16.4	15.9	14.4	14.1	13.8	13.7	13.6
19	TESTRO$	B	TRANSPORTATION, OTHER--------	10.0	18.4	9.7	10.9	10.7	11.2	10.4	10.8	10.5	10.6	9.5
20	TESOT$	E	OTHER------------------------	11.6	6.3	7.5	12.5	12.3	12.3	12.3	12.0	10.2	9.1	9.1
21	TEBDE$	E	TRANSFER UNDER US MIL AGENCY--	15.8	10.1	10.0	2.7	2.9	2.9	2.8	2.7	2.6	2.6	2.5
22														
23			----CONSTANT 1972 DOLLARS----											
24	TEB	I	TOTAL GOODS AND SERVICES-----	10.2	15.8	5.9	4.2	4.2	3.9	2.9	5.5	5.8	5.3	4.7
25	TEBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	8.7	13.0	2.8	4.2	3.8	4.6	3.6	6.4	5.9	5.6	4.7
26	TECGD	I	MERCHANDISE TOTAL------------	10.7	13.2	2.8	4.2	3.9	4.6	3.7	6.4	5.9	5.6	4.7
27	TECGDO+1	I	FOOD & BEVERAGES-------------	26.3	12.5	8.9	5.8	1.6	1.9	2.9	3.9	1.9	4.6	4.4
28	TECGD2+4	I	CRUDE MATERIALS EXCEPT FUELS-	17.3	2.8	-8.2	1.5	1.1	3.7	3.6	3.3	3.3	3.2	3.1
29	TECGD3	E	FUELS------------------------	-23.0	-3.0	-11.8	0.9	0.0	7.8	7.2	6.7	6.3	5.9	5.6
30	TECGD5,9	I	MANUFACTURED GOODS-----------	8.2	15.3	3.2	4.2	4.7	5.2	3.8	7.2	7.0	6.0	4.9
31	TEBS	I	SERVICES TOTAL---------------	14.2	19.8	11.0	3.9	4.8	2.5	1.5	3.9	5.7	4.8	4.7
32	TEBDE	I	TRANSFER UNDER US MIL AGENCY--	11.4	12.8	9.4	-3.1	-2.8	-2.5	-1.8	-1.7	-1.4	-1.3	-1.1
33														
34			----DEFLATORS (1972=100)----											
35	PTEB	I	TOTAL GOODS AND SERVICES-----	6.7	5.9	5.1	6.2	6.1	6.1	5.7	5.4	5.0	4.7	4.5
36	PTECGD	I	MERCHANDISE TOTAL------------	8.5	9.8	7.7	6.2	6.2	6.1	5.9	5.5	5.3	4.9	4.8
37	PTEEGDF	B	FOODS------------------------	7.4	-0.7	1.7	4.4	5.4	5.4	5.1	5.5	4.8	3.9	3.7
38	PTEFGDCM	B	CRUDE MATERIALS--------------	1.5	12.7	10.9	6.6	7.4	7.2	6.7	6.9	6.2	5.4	4.7
39	PTOEFUEL	B	FUELS------------------------	10.8	14.2	12.4	10.5	9.8	6.6	5.9	5.3	5.2	5.0	4.9
40	PTEEGDM	B	MANUFACTURED GOODS-----------	9.9	11.8	8.9	6.6	6.2	6.0	5.9	5.4	5.1	5.0	4.9
41	PTEBS+DE	I	SERVICES & DEFENSE-----------	4.0	-2.4	0.5	6.1	5.9	5.5	4.7	4.4	4.1	3.9	3.7
42														
43			----------ADDENDUM----------											
44	ZWAPCET	I	CPI)WTD AVE IN 7 COUNTRIES----	12.8	7.6	8.2	5.6	8.1	6.5	6.5	6.5	6.5	6.5	6.5
45	REXWA	I	FX RATE) 7 COUNTRY WTD AVE----	9.5	1.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	ZWAIP7	I	IND PROD) 7 COUNTRY WTD AVE---	5.6	5.6	5.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
47	PTIMW	E	WORLD TRADE, PRICE INDEX-----	8.5	7.5	6.9	7.3	6.8	6.4	6.4	6.4	6.3	6.2	6.0
48	TEBS+OTH	I	EXP) SERVICES & OTHER (1972 $)	9.4	21.2	12.0	4.0	4.9	2.6	1.6	3.9	5.6	4.8	4.7
49	TEBS+OTH$	I	EXP) SERVICES & OTHER (CURR $)	12.7	18.9	12.8	10.5	11.2	8.4	6.5	8.6	10.1	8.9	8.6
50	PTEBS+OTH	B	EXP DEFL) SERVICES & OTHER---	3.0	-1.8	0.7	6.2	6.1	5.6	4.7	4.5	4.2	4.0	3.7

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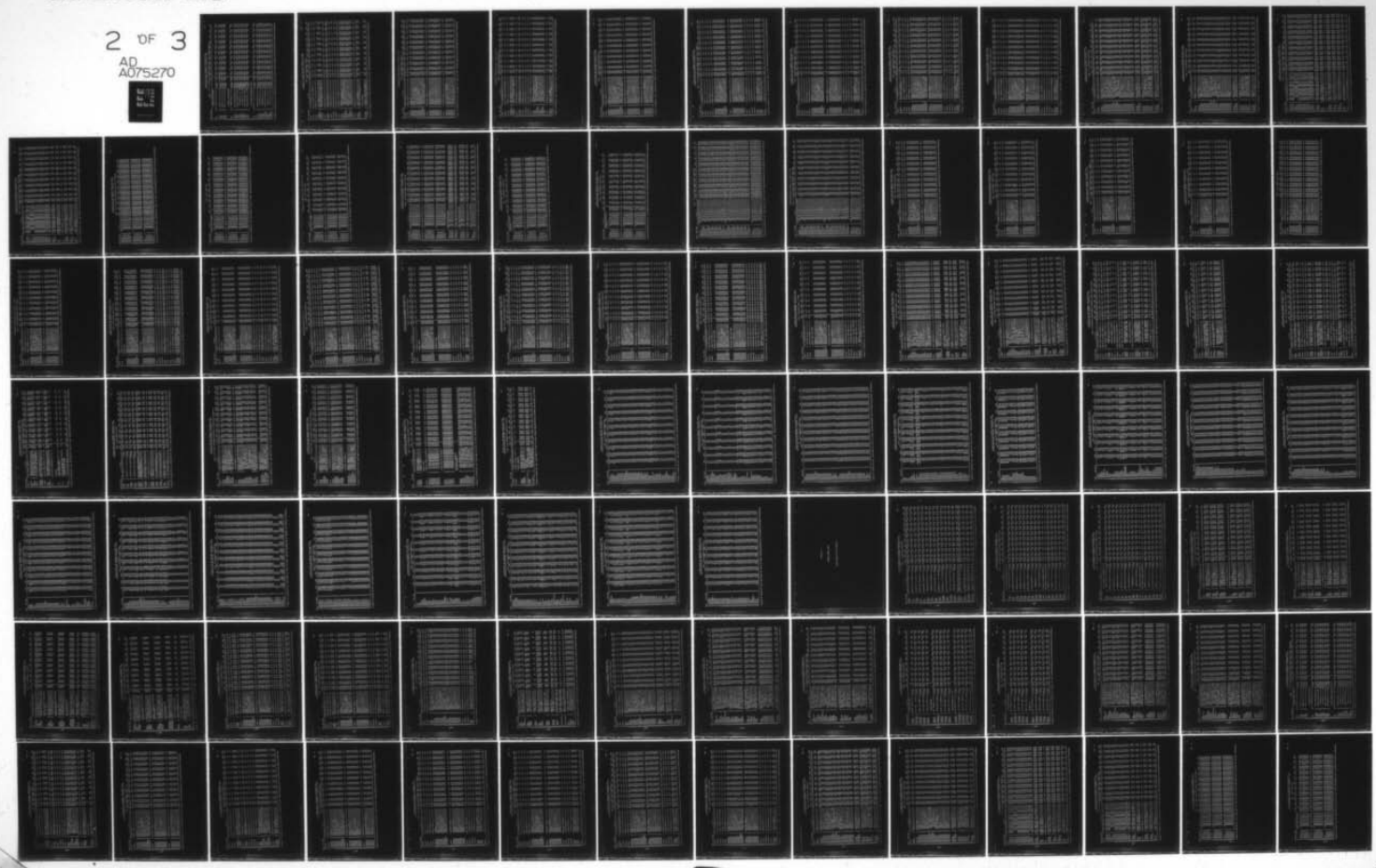


TABLE 9.00 IP INDICES, CONSUMER AND WHOLESALE PRICE INDICES (1967=100)

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1				CONSUMER PRICE INDICES											
2															
3	PC		B	ALL ITEMS	195.3	211.4	227.2	243.5	260.2	277.3	294.4	311.6	328.4	345.2	361.8
4	PC		B	% CHANGE	7.6	8.2	7.5	7.2	6.9	6.6	6.2	5.8	5.4	5.1	4.8
5															
6	PCCF		B	FOOD	211.2	225.8	242.0	254.7	269.1	284.3	299.7	316.3	332.4	347.7	362.1
7	PCCF		B	% CHANGE	9.9	6.9	7.2	5.3	5.7	5.7	5.4	5.5	5.1	4.6	4.1
8	PCS		B	SERVICES	210.9	230.4	250.4	267.3	284.9	303.6	322.7	341.9	361.5	382.3	403.6
9	PCS		B	% CHANGE	8.5	9.3	8.7	6.8	6.6	6.6	6.3	5.9	5.7	5.8	5.6
10	PCSR		B	RENT	164.0	176.7	189.9	200.4	212.5	225.3	237.7	250.4	263.8	276.7	288.3
11	PCSR		B	% CHANGE	6.8	7.7	7.5	5.6	6.0	6.0	5.5	5.4	5.4	4.9	4.2
12															
13				WHOLESALE PRICE INDICES											
14															
15	PW		B	ALL COMMODITIES	208.9	222.1	236.3	249.1	263.1	276.3	289.8	304.2	318.5	332.0	345.0
16	PW		B	% CHANGE	7.6	6.3	6.4	5.4	5.6	5.0	4.9	5.0	4.7	4.2	3.9
17															
18	PWDMF		B	TOTAL MANUFACTURES, BY DURABILITY	203.9	217.4	229.3	243.6	257.8	272.3	287.4	303.0	318.3	332.9	347.8
19	PWDMF		B	% CHANGE	7.2	6.6	5.5	6.2	5.8	5.6	5.6	5.4	5.0	4.6	4.5
20	PWPF		B	FINISHED GOODS, BY PROC. STAGE	194.6	208.7	222.4	234.1	246.6	259.1	271.6	284.6	297.7	310.2	322.5
21	PWPF		B	% CHANGE	7.7	7.3	6.6	5.2	5.4	5.0	4.8	4.8	4.6	4.2	4.0
22	PWPFC		B	FIN GOODS BY P. S., CONSUMERS	192.6	206.0	218.9	229.7	241.4	252.9	264.5	276.8	289.1	300.9	312.1
23	PWPFC		B	% CHANGE	7.6	7.0	6.2	4.9	5.1	4.8	4.6	4.7	4.4	4.1	3.7
24	PWPFP		B	FIN GOODS BY P. S., PRODUCERS	199.2	215.4	231.9	247.8	262.9	278.1	293.4	308.7	323.8	339.0	354.4
25	PWPFP		B	% CHANGE	7.9	8.2	7.6	6.9	6.1	5.8	5.5	5.2	4.9	4.7	4.6
26	PWPC		B	CRUDE MATERIALS, BY PROC. STAGE	239.8	252.0	268.4	282.2	300.4	319.0	338.3	361.4	383.5	402.3	418.5
27	PWPC		B	% CHANGE	11.7	5.2	6.5	5.1	6.5	6.2	6.0	6.8	6.1	4.9	4.0
28	PWPI		B	INTERMEDIATE MAT., BY PROC. STAGE	214.8	227.2	241.9	254.8	268.9	281.5	294.2	307.7	321.0	333.9	346.7
29	PWPI		B	% CHANGE	6.5	5.8	6.4	5.3	5.5	4.7	4.5	4.6	4.3	4.0	3.8
30															
31				FRB INDUSTRIAL PRODUCTION INDEX											
32															
33	IP		B	TOTAL	144.9	151.3	154.5	160.5	167.3	173.4	178.7	186.0	193.4	200.1	205.6
34	IP		B	% CHANGE	5.7	4.4	2.1	3.9	4.3	3.6	3.1	4.1	4.0	3.5	2.7
35															
36	IPMF		B	MANUFACTURING	145.4	152.3	155.8	161.3	168.0	173.9	179.0	186.2	193.4	199.9	205.1
37	IPMF		B	% CHANGE	6.1	4.8	2.2	3.6	4.1	3.5	3.0	4.0	3.9	3.4	2.6
38	IPMFD		B	DURABLES	139.1	146.6	149.5	155.4	162.8	168.9	173.8	181.5	189.0	195.4	199.8
39	IPMFD		B	% CHANGE	7.4	5.4	2.0	3.9	4.8	3.7	2.9	4.4	4.2	3.3	2.3
40	IPMFN		B	NONDURABLES	154.5	160.5	164.8	169.8	175.4	181.1	186.7	193.0	199.7	206.4	212.8
41	IPMFN		B	% CHANGE	4.3	3.9	2.6	3.1	3.3	3.2	3.1	3.4	3.5	3.4	3.1
42	IPMG+49		B	MINING AND UTILITIES	141.1	143.5	145.4	154.2	162.7	169.6	175.7	184.3	193.2	201.8	209.3
43	IPMG+49		B	% CHANGE	3.6	1.7	1.3	6.0	5.5	4.3	3.6	4.9	4.8	4.5	3.7
44	IPMG		B	MINING	123.7	124.3	123.7	130.8	137.2	142.1	145.9	152.4	158.7	164.4	169.1
45	IPMG		B	% CHANGE	5.0	0.5	-0.4	5.7	4.9	3.6	2.6	4.5	4.1	3.6	2.8
46	IPRGU49		B	UTILITIES	160.4	165.0	169.7	180.3	191.1	200.3	208.9	219.9	231.7	243.5	254.2
47	IPRGU49		B	% CHANGE	2.5	2.9	2.8	6.3	6.0	4.8	4.3	5.3	5.4	5.1	4.4

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TABLE 10.10 REAL OUTPUT (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP	I	ALL INDUSTRIES	1384.2	1416.7	1438.5	1487.2	1540.4	1585.7	1626.5	1684.4	1740.5	1791.5	1835.8
2														
3	XVGAG	B	AGRIC. FORESTRY AND FISHERIES	34.9	35.0	34.9	36.5	38.1	39.4	40.4	41.8	43.1	44.5	45.7
4														
5	XVGMG	I	MINING	20.8	21.6	22.0	22.9	23.9	24.8	25.4	26.5	27.5	28.4	29.2
6														
7	XVGMG10	B	METAL MINING	1.2	1.2	1.2	1.3	1.5	1.5	1.5	1.5	1.5	1.6	1.6
8	XVGMG11+12	B	COAL MINING	3.7	3.8	3.9	4.1	4.3	4.5	4.7	4.9	5.2	5.4	5.5
9	XVGMG13	B	CRUDE PETROLEUM AND NATURAL GAS	13.3	13.9	14.2	14.7	15.3	15.8	16.2	16.9	17.5	18.1	18.6
10	XVGMG14	B	MINING OF NONMETALLIC MINERALS	2.6	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.4	3.4
11														
12	XVGMF	I	MANUFACTURING	342.4	356.9	365.0	378.8	395.5	407.8	417.8	434.6	450.5	463.5	473.3
13														
14	XVGMFD	I	DURABLE GOODS	203.4	213.0	217.8	226.5	237.3	244.7	250.4	261.1	271.0	278.5	283.5
15	XVGMFN	I	NONDURABLE GOODS	139.0	143.9	147.2	152.3	158.1	163.0	167.4	173.5	179.5	185.0	189.8
16														
17	XVGRGT	I	TRANSPORTATION	53.1	53.7	53.5	55.2	57.3	59.1	60.5	62.8	65.0	66.9	68.5
18														
19	XVGRGC48	B	COMMUNICATIONS	46.0	48.7	51.4	56.4	57.3	60.3	62.9	66.3	70.1	74.3	79.0
20														
21	XVGRGU49	B	UTILITIES	32.1	32.9	33.7	35.1	36.5	37.6	38.5	39.7	41.1	42.5	43.6
22														
23	XVGCO	I	COMMERCIAL AND OTHER	686.7	697.1	704.3	725.9	751.6	773.3	793.7	821.6	848.5	873.3	894.9
24														
25	XVGCM	I	COMMERCIAL	678.3	687.4	693.5	715.1	740.8	762.4	783.3	810.9	837.3	861.8	883.1
26	XVGCC	B	CONTRACT CONSTRUCTION	57.8	55.5	52.9	54.1	56.2	57.0	57.5	59.5	60.9	61.5	61.6
27	XVGFI	I	FINANCE, INSURANCE & REAL ESTATE	214.5	221.4	225.1	231.2	239.2	246.9	254.4	263.1	271.6	279.8	287.5
28	XVGFI65+6	B	REAL ESTATE & COMBINATIONS OFFICES	161.0	165.3	167.7	171.7	177.4	183.0	188.5	194.6	200.6	206.5	211.9
29	XVGFI-65+6	B	OTHER FINANCE	53.6	56.2	57.4	59.5	61.8	63.9	66.0	68.5	70.9	73.4	75.6
30	XVGSV	B	SERVICES	166.9	167.3	169.8	175.7	182.5	188.6	194.7	202.2	209.7	217.0	223.9
31	XVGWR	I	WHOLESALE AND RETAIL TRADE	237.0	243.2	245.6	254.1	262.9	270.0	276.7	286.1	295.1	303.3	310.1
32	XVGWRR52,9	B	RETAIL TRADE	142.0	145.6	146.4	151.1	156.0	160.0	163.8	169.1	174.2	178.9	182.7
33	XVGWRW50+1	B	WHOLESALE TRADE	95.0	97.6	99.2	103.0	107.0	110.0	112.9	116.9	120.9	124.4	127.4
34	XVGRW	B	REST OF WORLD	8.4	9.6	10.9	10.8	10.8	10.8	10.4	10.7	11.2	11.5	11.8
35														
36	XVGGV	I	GOVERNMENT	168.3	170.9	173.8	176.5	180.2	183.6	187.3	191.1	194.6	198.1	201.6
37														
38	XBCGVG	B	GENERAL GOVERNMENT	149.9	152.9	156.4	158.5	161.5	164.4	167.6	170.7	173.7	176.8	179.9
39	XVGGVFE	B	FEDERAL ENTERPRISES	8.9	8.6	8.3	8.5	8.7	8.8	9.0	9.2	9.4	9.5	9.6
40	XVGGVSE	B	STATE AND LOCAL ENTERPRISES	9.6	9.4	9.1	9.5	10.0	10.4	10.8	11.2	11.5	11.8	12.1
41														
42			DUMMY INDUSTRIES											
43														
44	XVGOTIM	B	IMPORTS OF GOODS AND SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	XVGOTIVA	B	INVENTORY VALUATION ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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POST-MEETING CONTROL SOLUTION - DECEMBER 6, 1978

TABLE 10.10 REAL OUTPUT (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XVGMF	I	MANUFACTURING	342.4	356.9	365.0	378.8	395.5	407.8	417.8	434.6	450.5	463.5	473.3
2														
3	XVGMFD	I	DURABLE GOODS	203.4	213.0	217.8	226.5	237.3	244.7	250.4	261.1	271.0	278.5	283.5
4														
5	XVGMFD24	B	LUMBER	10.0	10.4	10.8	11.3	12.0	12.4	12.7	13.1	13.9	14.5	15.1
6	XVGMFD25	B	FURNITURE	5.2	5.4	5.6	5.8	6.1	6.2	6.4	6.8	7.1	7.3	7.4
7	XVGMFD32	B	STONE, CLAY AND GLASS	10.8	11.3	11.6	11.7	12.1	12.4	12.7	13.3	13.8	14.2	14.4
8	XVGMFD33	B	PRIMARY METALS	20.8	21.8	22.2	22.8	23.8	24.2	24.0	24.5	24.8	24.6	24.2
9	XVGMFD34	B	FABRICATED METAL PRODUCTS	21.0	21.9	22.4	23.2	24.1	24.7	25.2	26.1	26.9	27.4	27.7
10	XVGMFD35	B	NONELECTRICAL MACHINERY	37.6	39.4	40.9	42.8	45.2	46.8	48.0	50.3	52.3	53.8	54.7
11	XVGMFD36	B	ELECTRICAL MACHINERY	32.7	34.9	35.1	36.6	38.3	39.8	41.1	43.0	44.9	46.5	47.9
12	XVGMFD371	B	MOTOR VEHICLES	34.8	35.4	36.5	38.2	40.2	41.7	42.8	45.0	46.9	48.4	49.4
13	XVGMFD38	B	INSTRUMENTS	9.1	9.6	9.9	10.3	10.8	11.2	11.6	12.1	12.6	13.1	13.4
14	XVGMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	21.4	22.8	22.9	23.8	24.8	25.4	25.9	26.9	27.9	28.7	29.3
15	XVGMFD37SP1	B	NONAUTO TRANS EQUIP + ORD	15.9	17.0	17.1	17.8	18.5	18.9	19.3	20.0	20.8	21.4	21.8
16	XVGMFD39	B	MISCELLANEOUS MANUFACTURING	5.4	5.7	5.8	6.0	6.2	6.4	6.6	6.9	7.1	7.3	7.5
17														
18	XVGMFN	I	NONDURABLE GOODS	139.0	143.9	147.2	152.3	158.1	163.0	167.4	173.5	179.5	185.0	189.8
19														
20	XVGMFN20	B	FOOD AND BEVERAGES	32.7	33.5	33.8	34.4	35.1	36.1	36.9	37.7	38.5	39.3	40.0
21	XVGMFN21	B	TOBACCO	4.9	5.0	5.1	5.3	5.4	5.6	5.8	6.0	6.3	6.6	6.8
22	XVGMFN22	B	TEXTILES	10.0	10.4	10.5	10.9	11.4	11.8	12.1	12.5	12.9	13.3	13.6
23	XVGMFN23	B	APPAREL	12.5	12.9	13.3	13.8	14.3	14.7	15.1	15.7	16.2	16.8	17.3
24	XVGMFN26	B	PAPER	12.8	13.3	13.7	14.3	15.0	15.6	16.1	16.7	17.4	18.0	18.5
25	XVGMFN27	B	PRINTING AND PUBLISHING	16.9	17.7	18.5	19.1	19.8	20.3	20.8	21.6	22.3	23.0	23.6
26	XVGMFN28	B	CHEMICALS	27.2	28.1	28.8	29.9	31.3	32.5	33.6	35.1	36.6	38.0	39.3
27	XVGMFN29	B	PETROLEUM	9.0	9.4	9.7	10.0	10.3	10.5	10.7	11.1	11.4	11.8	12.0
28	XVGMFN30	B	RUBBER	10.7	11.1	11.5	12.0	12.6	13.1	13.5	14.2	14.8	15.3	15.7
29	XVGMFN31	B	LEATHER	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0
30														
31	XVGRGT	I	TRANSPORTATION	53.1	53.7	53.5	55.2	57.3	59.1	60.5	62.8	65.0	66.9	68.5
32														
33	XVGRGT41	B	LOCAL AND HIGHWAY PASSENGER	2.9	2.7	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.5
34	XVGRGT42	B	MOTOR FREIGHT AND WAREHOUSING	24.2	24.6	24.7	25.5	26.5	27.3	28.0	29.0	30.0	30.9	31.5
35	XVGRGT40	B	RAILROADS	9.8	9.9	9.9	10.1	10.5	10.7	10.9	11.2	11.6	11.8	12.0
36	XVGRGT44	B	WATER	3.3	3.3	3.3	3.3	3.4	3.5	3.6	3.7	3.8	4.0	4.1
37	XVGRGT45	B	AIR	9.9	10.2	10.2	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.4
38	XVGRGT46	B	PIPELINE	1.2	1.2	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6
39	XVGRGT47	B	TRANSPORTATION SERVICES	1.8	1.8	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4

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TABLE 10.20 REAL OUTPUT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP	I	ALL INDUSTRIES	3.9	2.3	1.5	3.4	3.6	2.9	2.6	3.6	3.3	2.9	2.5
2														
3	XVGAG	B	AGRIC, FORESTRY AND FISHERIES	-9.0	0.4	-0.3	4.5	4.4	3.4	2.6	3.5	3.2	3.1	2.8
4														
5	XVGMG	I	MINING	4.8	3.5	2.1	3.9	4.7	3.4	2.8	4.2	3.8	3.4	2.7
6														
7	XVGMG10	B	METAL MINING	6.7	-0.5	3.4	7.0	9.2	5.8	-1.5	1.7	-0.1	1.1	1.1
8	XVGMG11+12	B	COAL MINING	5.9	4.2	2.2	5.0	5.8	4.5	3.7	5.2	4.6	3.8	3.1
9	XVGMG13	B	CRUDE PETROLEUM AND NATURAL GAS	4.3	4.6	2.1	3.6	4.0	2.9	2.5	4.2	3.9	3.5	2.7
10	XVGMG14	B	MINING OF NONMETALLIC MINERALS	5.6	-1.3	1.9	2.7	4.1	3.4	2.7	4.4	4.0	3.3	2.8
11														
12	XVGMF	I	MANUFACTURING	6.2	4.2	2.3	3.8	4.4	3.1	2.5	4.0	3.6	2.9	2.1
13														
14	XVGMFD	I	DURABLE GOODS	6.6	4.7	2.3	4.0	4.8	3.1	2.3	4.3	3.8	2.8	1.8
15	XVGMFN	I	NONDURABLE GOODS	5.8	3.5	2.3	3.5	3.8	3.1	2.7	3.7	3.5	3.1	2.6
16														
17	XVGRGT	I	TRANSPORTATION	2.2	1.2	-0.5	3.3	3.9	3.0	2.5	3.8	3.5	2.9	2.4
18														
19	XVGRGC48	B	COMMUNICATIONS	9.4	6.1	5.4	9.8	1.6	5.3	4.2	5.4	5.8	5.9	6.4
20														
21	XVGRGU49	B	UTILITIES	6.8	2.3	2.3	4.2	4.2	2.9	2.5	3.2	3.5	3.3	2.5
22														
23	XVGCO	I	COMMERCIAL AND OTHER	4.8	1.5	1.0	3.1	3.5	2.9	2.6	3.5	3.3	2.9	2.5
24														
25	XVGCM	I	COMMERCIAL	4.7	1.3	0.9	3.1	3.6	2.9	2.7	3.5	3.3	2.9	2.5
26	XVGCC	B	CONTRACT CONSTRUCTION	3.8	-4.0	-4.6	2.3	3.8	1.4	0.9	3.5	2.4	0.9	0.1
27	XVGFI	I	FINANCE, INSURANCE & REAL ESTATE	4.5	3.2	1.7	2.7	3.5	3.2	3.1	3.4	3.2	3.0	2.7
28	XVGFI65+6	B	REAL ESTATE & COMBINATIONS OFFICES	5.1	2.7	1.5	2.4	3.3	3.1	3.0	3.3	3.1	2.9	2.6
29	XVGFI-65+6	B	OTHER FINANCE	3.0	4.9	2.1	3.7	3.8	3.4	3.3	3.8	3.6	3.4	3.0
30	XVGSV	B	SERVICES	6.2	-0.9	1.5	3.5	3.8	3.4	3.2	3.8	3.7	3.5	3.2
31	XVGWR	I	WHOLESALE AND RETAIL TRADE	4.0	2.6	1.0	3.4	3.5	2.7	2.5	3.4	3.2	2.8	2.2
32	XVGWRR52,9	B	RETAIL TRADE	5.6	2.5	0.6	3.2	3.2	2.6	2.4	3.3	3.0	2.7	2.1
33	XVGWRW50+1	B	WHOLESALE TRADE	1.7	2.7	1.7	3.8	3.8	2.9	2.6	3.6	3.4	2.9	2.4
34	XVGRW	B	REST OF WORLD	14.3	14.9	12.5	-0.9	0.4	0.4	-3.9	2.8	4.1	3.2	2.5
35														
36	XVGGV	I	GOVERNMENT	1.6	1.5	1.7	1.6	2.1	1.9	2.0	2.0	1.9	1.8	1.7
37														
38	XVGGVG	B	GENERAL GOVERNMENT	1.8	2.0	2.3	1.3	1.9	1.8	1.9	1.9	1.8	1.8	1.8
39	XVGGVFE	B	FEDERAL ENTERPRISES	-2.8	-2.7	-3.7	2.1	2.5	1.9	1.7	2.2	2.0	1.3	0.8
40	XVGGVSE	B	STATE AND LOCAL ENTERPRISES	1.7	-1.5	-3.6	4.7	5.0	4.1	3.5	3.8	3.3	2.7	2.1

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TABLE 10.20 REAL OUTPUT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XVGMF	I	MANUFACTURING	6.2	4.2	2.3	3.8	4.4	3.1	2.5	4.0	3.6	2.9	2.1
2														
3	XVGMFD	I	DURABLE GOODS	6.6	4.7	2.3	4.0	4.8	3.1	2.3	4.3	3.8	2.8	1.8
4														
5	XVGMFD24	B	LUMBER	8.0	4.0	3.8	4.7	5.7	3.5	2.3	3.6	3.6	4.7	3.9
6	XVGMFD25	B	FURNITURE	5.8	4.1	3.6	2.7	4.8	3.1	3.2	5.3	4.1	2.7	1.6
7	XVGMFD32	B	STONE, CLAY AND GLASS	4.0	4.7	2.4	1.3	3.1	2.5	2.3	4.6	3.9	2.8	1.9
8	XVGMFD33	B	PRIMARY METALS	3.4	4.7	1.7	3.0	4.2	1.7	-0.8	2.1	1.0	-0.7	-1.7
9	XVGMFD34	B	FABRICATED METAL PRODUCTS	4.5	4.6	2.2	3.4	4.2	2.5	1.7	3.7	3.0	2.1	1.1
10	XVGMFD35	B	NONELECTRICAL MACHINERY	7.7	5.0	3.6	4.7	5.5	3.5	2.7	4.7	4.1	2.9	1.7
11	XVGMFD36	B	ELECTRICAL MACHINERY	8.5	6.6	0.7	4.1	4.8	3.9	3.4	4.6	4.3	3.6	3.0
12	XVGMFD371	B	MOTOR VEHICLES	8.8	1.7	3.1	4.7	5.4	3.5	2.9	5.1	4.3	3.2	2.0
13	XVGMFD38	B	INSTRUMENTS	4.8	5.5	2.6	4.2	5.0	3.7	3.2	4.7	4.2	3.5	2.7
14	XVGMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	4.9	6.6	0.7	3.8	4.0	2.5	2.1	3.9	3.5	2.9	2.1
15	XVGMFD37SP1	B	NONAUTO TRANS EQUIP + ORD	5.5	7.0	0.6	3.9	3.9	2.2	2.0	3.9	3.5	2.9	2.0
16	XVGMFD39	B	MISCELLANEOUS MANUFACTURING	3.1	5.5	1.1	3.4	4.1	3.2	2.9	4.0	3.6	2.9	2.3
17														
18	XVGMFN	I	NONDURABLE GOODS	5.8	3.5	2.3	3.5	3.8	3.1	2.7	3.7	3.5	3.1	2.6
19														
20	XVGMFN20	B	FOOD AND BEVERAGES	4.8	2.5	-0.0	2.7	2.8	2.3	2.0	2.3	2.2	2.0	1.8
21	XVGMFN21	B	TOBACCO	3.4	2.2	1.5	3.1	3.5	3.1	2.8	4.5	4.6	4.2	3.5
22	XVGMFN22	B	TEXTILES	4.6	3.6	1.6	4.0	4.2	3.2	2.6	3.8	3.3	2.7	2.2
23	XVGMFN23	B	APPAREL	9.3	3.5	2.6	3.7	3.6	3.0	2.9	3.7	3.5	3.3	2.9
24	XVGMFN26	B	PAPER	7.4	4.5	2.7	4.3	5.0	4.0	2.9	4.3	4.0	3.4	2.8
25	XVGMFN27	B	PRINTING AND PUBLISHING	7.1	5.0	4.8	3.0	3.4	2.8	2.7	3.5	3.4	3.1	2.6
26	XVGMFN28	B	CHEMICALS	6.5	3.4	2.7	3.8	4.5	3.9	3.3	4.6	4.3	3.8	3.3
27	XVGMFN29	B	PETROLEUM	3.4	3.8	3.1	3.1	3.3	2.4	2.0	3.3	3.2	2.9	2.3
28	XVGMFN30	B	RUBBER	3.1	3.4	3.7	4.7	5.1	3.8	3.2	4.7	4.2	3.5	2.7
29	XVGMFN31	B	LEATHER	6.6	5.6	2.6	2.2	2.0	1.6	1.4	2.1	2.1	2.0	1.9
30														
31	XVGRGT	I	TRANSPORTATION	2.2	1.2	-0.5	3.3	3.9	3.0	2.5	3.8	3.5	2.9	2.4
32														
33	XVGRGT41	B	LOCAL AND HIGHWAY PASSENGER	-14.1	-6.4	-6.7	-1.2	-0.4	-0.8	-1.0	0.2	0.4	0.1	4.7
34	XVGRGT42	B	MOTOR FREIGHT AND WAREHOUSING	4.4	1.7	0.1	3.3	3.9	3.0	2.6	3.8	3.4	2.7	2.1
35	XVGRGT40	B	RAILROADS	0.3	0.5	-0.2	2.7	3.5	2.1	1.3	3.3	3.2	2.2	1.3
36	XVGRGT44	B	WATER	4.8	1.0	-2.0	2.5	3.0	2.3	1.6	3.6	3.6	3.0	2.4
37	XVGRGT45	B	AIR	3.7	2.8	0.2	4.9	5.1	4.5	4.0	4.7	4.5	4.0	3.4
38	XVGRGT46	B	PIPELINE	-1.0	1.0	-2.2	5.5	5.2	4.1	3.4	4.5	4.4	3.9	3.2
39	XVGRGT47	B	TRANSPORTATION SERVICES	5.2	1.8	-0.7	3.1	4.2	3.5	3.0	4.3	4.0	3.4	2.6

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TABLE 11.10 REAL OUTPUT PER PERSON (THOU 1972 $ / PERSON)

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPPP	ALL INDUSTRIES	14.7	14.7	14.7	14.9	15.2	15.4	15.6	15.9	16.2	16.4	16.6
2													
3	XAGPP	FARM	10.5	11.1	11.4	11.8	12.2	12.6	12.9	13.4	13.8	14.4	14.9
4													
5	XMGPP	MINING	24.1	24.3	25.5	27.0	28.4	29.5	30.3	31.3	32.1	32.8	33.3
6													
7	XMFPP	MANUFACTURING	16.9	17.2	17.5	18.1	18.7	19.2	19.7	20.3	20.9	21.4	21.9
8													
9	XMFDPP	DURABLE GOODS	16.8	17.1	17.3	17.8	18.4	18.8	19.2	19.8	20.3	20.8	21.2
10													
11	XMFD24PP	LUMBER	15.0	15.5	16.1	16.6	17.2	17.5	17.7	18.1	18.8	19.3	19.7
12	XMFD25PP	FURNITURE	9.8	10.0	10.2	10.4	10.8	11.0	11.3	11.7	12.1	12.3	12.4
13	XMFD32PP	STONE, CLAY AND GLASS	15.6	15.7	15.8	16.0	16.5	16.8	17.2	17.8	18.2	18.4	18.7
14	XMFD33PP	PRIMARY METALS	16.6	17.1	17.4	17.7	18.2	18.3	18.3	18.7	18.9	19.0	19.0
15	XMFD34PP	FABRICATED METAL PRODUCTS	13.7	13.9	14.0	14.3	14.6	14.8	15.0	15.4	15.7	15.9	16.1
16	XMFD35PP	NONELECTRICAL MACHINERY	16.4	16.8	17.0	17.5	18.1	18.5	18.8	19.3	19.7	20.0	20.3
17	XMFD36PP	ELECTRICAL MACHINERY	16.0	16.4	16.4	17.0	17.7	18.3	18.9	19.7	20.4	21.1	21.7
18	XMFD371PP	MOTOR VEHICLES	36.1	35.8	36.5	37.7	39.4	40.7	42.0	43.9	45.8	47.5	49.1
19	XMFD37SP2PP	NONAUTO TRAN EQ + ORD & MISC MFD	13.8	14.2	14.2	14.6	15.0	15.2	15.5	16.0	16.4	16.7	17.1
20	XMFD38PP	INSTRUMENTS	16.5	16.8	17.0	17.5	18.0	18.5	18.9	19.6	20.1	20.6	21.0
21													
22													
23	XMFNPP	NONDURABLE GOODS	17.0	17.4	17.8	18.4	19.2	19.8	20.4	21.1	21.9	22.5	23.1
24													
25	XMFN20PP	FOOD AND BEVERAGE	18.7	19.5	19.7	20.5	21.4	22.4	23.2	24.1	24.8	25.4	26.0
26	XMFN21PP	TOBACCO	69.7	71.5	72.7	75.4	78.7	82.0	85.3	90.0	95.1	100.2	104.9
27	XMFN22PP	TEXTILES	10.1	10.4	10.6	11.0	11.4	11.7	12.0	12.4	12.8	13.1	13.4
28	XMFN23PP	APPAREL	9.6	9.9	10.1	10.5	10.9	11.3	11.7	12.3	12.8	13.4	14.0
29	XMFN26PP	PAPER	17.9	18.4	18.7	19.3	20.1	20.8	21.4	22.2	23.1	23.9	24.7
30	XMFN27PP	PRINTING AND PUBLISHING	15.0	15.4	16.0	16.3	16.8	17.1	17.3	17.7	18.1	18.4	18.6
31	XMFN28PP	CHEMICALS	25.4	26.1	26.7	28.1	29.6	30.9	32.0	33.5	34.9	36.2	37.4
32	XMFN29PP	PETROLEUM	42.7	43.1	43.7	45.2	47.0	48.6	50.3	52.7	55.3	57.9	60.5
33	XMFN30PP	RUBBER	15.6	15.8	16.1	16.5	17.0	17.3	17.6	18.1	18.5	18.9	19.2
34	XMFN31PP	LEATHER	8.8	9.0	9.1	9.3	9.5	9.7	9.9	10.3	10.6	10.9	11.2
35													
36	XRGPP	REGULATED INDUSTRIES	27.9	28.3	29.0	30.3	31.2	32.1	33.0	34.0	34.9	35.8	36.9
37													
38	XRGTPP	TRANSPORTATION	19.7	19.6	19.5	20.0	20.5	20.9	21.3	21.8	22.2	22.4	22.6
39													
40	XRGC48PP	COMMUNICATIONS	36.8	38.7	40.9	42.9	44.1	46.3	48.3	50.2	51.8	53.8	56.5
41													
42	XRGU49PP	UTILITIES	41.9	42.2	43.5	45.7	47.8	49.3	50.5	51.9	53.9	56.0	57.9
43													
44	XCOPP	COMMERCIAL AND OTHER	13.9	13.7	13.6	13.6	13.7	13.8	13.9	14.2	14.3	14.5	14.6
45	XCCPP	CONTRACT CONSTRUCTION	13.6	12.7	12.1	11.9	12.0	12.1	12.1	12.5	12.7	12.7	12.7
46	XFIPP	FINANCE, INSURANCE & REAL ESTATE	45.3	45.1	44.6	44.1	44.4	45.1	45.9	46.8	47.7	48.5	49.2
47	XSVPP	SERVICES	10.5	10.1	10.0	9.9	10.0	10.1	10.1	10.2	10.3	10.4	10.5
48	XWRPP	WHOLESALE AND RETAIL TRADE	12.4	12.4	12.4	12.6	12.8	12.9	13.0	13.3	13.5	13.6	13.7
49													
50	XGVPP	GOVERNMENT	10.8	10.7	10.6	10.7	10.8	10.8	10.9	10.9	10.9	11.0	11.0

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TABLE 11.20 REAL OUTPUT PER PERSON, % CHANGE

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPPP	ALL INDUSTRIES	-0.2	0.1	0.1	1.4	1.8	1.4	1.2	2.0	1.8	1.4	1.2
2													
3	XAGPP	FARM	-10.8	5.0	2.9	4.1	3.3	2.7	2.6	3.7	3.6	3.6	3.6
4													
5	XMGPP	MINING	1.0	0.5	5.1	5.8	5.3	3.6	2.7	3.5	2.6	2.0	1.6
6													
7	XMFPP	MANUFACTURING	2.5	2.1	1.5	3.2	3.6	2.7	2.4	3.3	2.9	2.5	2.2
8													
9	XMFDPP	DURABLE GOODS	1.3	1.6	1.2	2.9	3.3	2.2	2.0	3.1	2.7	2.2	1.9
10													
11	XMFD24PP	LUMBER	3.9	3.2	4.1	3.1	3.5	1.7	0.9	2.3	3.4	2.7	2.1
12	XMFD25PP	FURNITURE	1.0	1.9	2.3	2.2	3.4	2.4	2.6	3.5	3.5	1.5	0.8
13	XMFD32PP	STONE, CLAY AND GLASS	-2.0	0.4	0.6	1.5	2.8	2.3	2.3	3.3	2.2	1.5	1.3
14	XMFD33PP	PRIMARY METALS	-0.6	2.7	1.6	2.2	2.4	0.8	-0.1	2.0	1.1	0.4	0.2
15	XMFD34PP	FABRICATED METAL PRODUCTS	-1.0	1.7	0.6	1.9	2.3	1.4	1.4	2.5	1.9	1.5	1.3
16	XMFD35PP	NONELECTRICAL MACHINERY	2.9	2.1	1.4	3.1	3.5	1.9	1.8	2.6	1.9	1.5	1.5
17	XMFD36PP	ELECTRICAL MACHINERY	2.7	2.4	-0.0	3.8	4.0	3.5	3.3	3.9	3.6	3.4	3.2
18	XMFD371PP	MOTOR VEHICLES	0.5	-0.8	2.0	3.2	4.6	3.3	3.1	4.7	4.1	3.8	3.3
19	XMFD37SP2PP	NONAUTO TRAN EQ & ORD & MISC MFD	0.4	2.6	0.5	2.5	2.5	1.9	2.0	2.8	2.4	2.2	2.0
20	XMFD38PP	INSTRUMENTS	-0.2	1.7	1.0	3.0	3.3	2.6	2.4	3.2	2.7	2.3	2.0
21													
22													
23	XMFNPP	NONDURABLE GOODS	4.2	2.8	2.0	3.6	3.9	3.3	3.0	3.7	3.4	3.0	2.7
24													
25	XMFN20PP	FOOD AND BEVERAGE	3.3	4.0	1.2	4.0	4.6	4.4	3.8	3.6	3.0	2.6	2.1
26	XMFN21PP	TOBACCO	2.6	2.6	1.7	3.7	4.4	4.1	4.0	5.6	5.6	5.3	4.7
27	XMFN22PP	TEXTILES	3.2	2.9	2.1	3.9	3.8	2.9	2.4	3.5	3.0	2.6	2.2
28	XMFN23PP	APPAREL	8.0	2.7	2.4	3.8	4.0	3.7	3.8	4.6	4.5	4.5	4.3
29	XMFN26PP	PAPER	5.2	2.6	1.7	3.5	4.1	3.3	2.7	4.1	3.9	3.5	3.2
30	XMFN27PP	PRINTING AND PUBLISHING	5.7	2.9	3.6	2.1	2.7	1.9	1.6	2.2	1.9	1.6	1.2
31	XMFN28PP	CHEMICALS	5.4	2.7	2.3	5.2	5.3	4.4	3.7	4.7	4.2	3.7	3.3
32	XMFN29PP	PETROLEUM	2.5	0.9	1.4	3.5	4.0	3.4	3.4	4.9	4.9	4.8	4.4
33	XMFN30PP	RUBBER	1.1	1.6	1.6	3.0	2.9	1.9	1.6	2.8	2.3	1.9	1.6
34	XMFN31PP	LEATHER	2.9	2.5	0.7	2.0	2.3	2.3	2.5	3.2	3.1	3.1	3.0
35													
36	XRGPP	REGULATED INDUSTRIES	3.1	1.6	2.4	4.5	2.9	3.1	2.7	3.1	2.7	2.4	3.2
37													
38	XRGTPP	TRANSPORTATION	1.7	-0.6	-0.6	2.7	2.7	1.9	1.7	2.5	1.6	0.7	1.3
39													
40	XRGC48PP	COMMUNICATIONS	2.1	5.1	5.7	5.0	2.9	5.0	4.4	3.9	3.2	3.8	5.1
41													
42	XRGU49PP	UTILITIES	3.5	0.8	3.0	5.0	4.8	3.1	2.4	2.7	3.9	3.8	3.4
43													
44	XCOPP	COMMERCIAL AND OTHER	-0.2	-1.3	-0.8	0.0	1.1	0.8	0.7	1.6	1.3	1.0	0.6
45	XCCPP	CONTRACT CONSTRUCTION	-6.0	-6.8	-4.5	-1.7	1.1	0.1	0.1	3.1	1.7	0.3	-0.3
46	XFIPP	FINANCE, INSURANCE & REAL ESTATE	-0.5	-0.4	-1.3	-1.0	0.7	1.6	1.7	2.1	1.9	1.7	1.4
47	XSVPP	SERVICES	1.3	-4.3	-0.6	-0.5	0.7	0.5	0.4	1.1	1.0	0.8	0.5
48	XWRPP	WHOLESALE AND RETAIL TRADE	-0.2	-0.3	0.1	1.4	1.7	1.0	0.9	1.8	1.5	1.2	0.7
49													
50	XGVPP	GOVERNMENT	-1.1	-0.4	-0.8	0.5	0.7	0.5	0.4	0.4	0.3	0.2	0.2

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TABLE 12.10 NOMINAL OUTPUT (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP$	I	ALL INDUSTRIES	2105.7	2308.1	2492.2	2754.9	3044.6	3335.5	3628.3	3975.3	4328.6	4682.8	5031.3
2														
3	XVGSUM$	I	SUM OF NOMINAL OUTPUTS	2103.5	2305.1	2489.2	2751.9	3041.6	3332.5	3625.3	3972.3	4325.6	4679.8	5028.4
4	SD$	E	STATISTICAL DISCREPENCY	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
5														
6	XVGAG$	I	AGRIC, FORESTRY AND FISHERIES	62.1	63.9	67.7	73.1	80.9	88.9	96.9	108.1	119.2	128.6	136.5
7														
8	XVGMG$	I	MINING	63.3	76.7	87.8	101.5	116.6	131.5	145.1	161.1	177.6	194.0	210.0
9														
10	XVGMF$	I	MANUFACTURING	510.1	567.8	613.0	675.2	742.5	805.4	867.6	945.7	1023.9	1098.4	1169.6
11														
12	XVGMFD$	I	DURABLE GOODS	314.0	351.0	383.2	426.8	475.1	519.1	561.9	617.4	672.7	724.5	772.8
13	XVGMFD24$	I	LUMBER	16.4	17.7	19.0	20.8	23.1	25.5	27.6	30.7	34.2	37.2	40.4
14	XVGMFD25$	I	FURNITURE	7.9	8.7	9.5	10.3	11.2	12.0	12.9	14.0	14.9	15.9	16.9
15	XVGMFD32$	I	STONE, CLAY AND GLASS	17.6	19.5	21.2	23.4	25.2	26.4	27.9	30.0	32.1	34.1	36.0
16	XVGMFD33$	I	PRIMARY METALS	36.5	40.8	43.5	47.7	52.7	57.1	60.2	64.4	68.2	71.1	73.1
17	XVGMFD34$	I	FABRICATED METAL PRODUCTS	35.9	39.9	42.9	47.9	53.1	58.0	62.7	68.8	74.8	80.4	85.5
18	XVGMFD35$	I	NONELECTRICAL MACHINERY	60.6	67.9	75.3	84.6	95.5	105.6	115.4	128.2	141.3	153.5	164.6
19	XVGMFD36$	I	ELECTRICAL MACHINERY	48.3	54.9	59.6	66.6	73.7	80.0	86.4	94.2	101.8	109.1	116.4
20	XVGMFD371$	I	MOTOR VEHICLES	44.2	48.6	54.3	61.6	70.0	77.9	85.9	96.4	107.0	117.2	126.5
21	XVGMFD38$	I	INSTRUMENTS	12.6	14.2	15.5	17.2	18.9	20.6	22.4	24.5	26.6	28.7	30.7
22	XVGMFD37SP2$	I	NONAUTO TRANS EQ + ORD + MISC	34.0	39.0	42.3	46.8	51.6	56.1	60.6	66.3	71.9	77.4	82.7
23	XVGMFD37SP1$	I	NONAUTO TRANS EQUIP + ORD	26.3	30.3	32.9	36.5	40.2	43.6	47.0	51.4	55.7	59.9	64.0
24	XVGMFD39$	I	MISCELLANEOUS MANUFACTURING	7.7	8.7	9.4	10.3	11.4	12.5	13.6	14.9	16.2	17.5	18.7
25														
26	XVGMFN$	I	NONDURABLE GOODS	196.2	216.7	229.9	248.4	267.3	286.3	305.7	328.3	351.2	373.9	396.8
27	XVGMFN20$	I	FOOD AND BEVERAGES	44.2	47.9	50.0	52.2	54.5	57.1	59.7	62.9	66.2	69.7	73.5
28	XVGMFN21$	I	TOBACCO	6.0	6.6	7.0	7.5	8.1	8.7	9.3	10.0	10.7	11.4	12.1
29	XVGMFN22$	I	TEXTILES	14.0	15.4	16.4	17.9	19.5	21.1	22.8	24.6	26.5	28.4	30.1
30	XVGMFN23$	I	APPAREL	15.3	16.8	17.9	19.4	21.1	22.7	24.4	26.1	27.9	29.7	31.4
31	XVGMFN26$	I	PAPER	20.1	22.8	24.6	26.6	29.0	31.6	34.2	37.0	39.9	42.8	45.8
32	XVGMFN27$	I	PRINTING AND PUBLISHING	25.1	27.9	29.7	32.7	35.6	38.7	42.0	45.6	49.4	53.3	57.4
33	XVGMFN28$	I	CHEMICALS	40.0	44.5	47.2	51.3	55.2	58.7	62.2	67.0	71.6	76.0	80.2
34	XVGMFN29$	I	PETROLEUM	13.3	14.8	15.7	17.4	18.9	20.3	21.6	23.1	24.7	26.1	27.5
35	XVGMFN30$	I	RUBBER	15.0	16.6	17.8	19.5	21.3	23.0	24.8	27.0	29.0	31.0	32.9
36	XVGMFN31$	I	LEATHER	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.3	5.5	5.8
37														
38	XVGFD$	I	COMMERCIAL AND OTHER	1026.4	1120.6	1208.5	1341.8	1493.7	1646.3	1800.3	1979.7	2162.1	2346.7	2528.9
39														
40	XVGRGT$	I	TRANSPORTATION	77.7	82.9	87.2	93.1	99.9	107.1	114.6	123.3	132.7	143.2	153.4
41														
42	XVGRGU49$	I	UTILITIES	52.9	58.1	64.4	72.1	79.7	87.0	95.1	104.6	114.4	123.9	132.6
43														
44	XVGRGC48$	I	COMMUNICATIONS	55.4	59.8	64.4	72.0	74.7	80.2	85.3	91.6	98.7	106.4	115.1
45														
46	XVGGV$	I	GOVERNMENT AND GOV. ENTERPRISES	255.6	275.4	296.2	323.1	353.8	386.1	420.5	458.1	497.1	538.6	582.2
47	XVGGVG$	I	GENERAL GOVERNMENT	226.6	245.4	265.6	289.2	315.9	344.3	374.7	407.6	441.6	478.3	517.5
48	XVGGVFE$	I	FEDERAL ENTERPRISES	15.4	15.8	16.2	17.9	19.8	21.6	23.5	26.0	28.7	31.4	33.6
49	XVGGVSE$	I	STATE AND LOCAL ENTERPRISES	13.5	14.1	14.3	16.1	18.1	20.2	22.2	24.5	26.8	29.0	31.1

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TABLE 12.20 NOMINAL OUTPUT, GROWTH RATES

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP$	ALL INDUSTRIES	11.6	9.6	8.0	10.5	10.5	9.6	8.8	9.6	8.9	8.2	7.4
2													
3	XVGSUM$	SUM OF NOMINAL OUTPUTS	11.7	9.6	8.0	10.6	10.5	9.6	8.8	9.6	8.9	8.2	7.4
4													
5	XVGAG$	AGRIC, FORESTRY AND FISHERIES	10.4	2.8	6.0	8.0	10.6	9.9	9.0	11.6	10.2	8.0	6.1
6													
7	XVGMG$	MINING	27.3	21.3	14.4	15.6	14.9	12.8	10.3	11.1	10.2	9.3	8.3
8													
9	XVGMF$	MANUFACTURING	13.0	11.3	8.0	10.1	10.0	8.5	7.7	9.0	8.3	7.3	6.5
10													
11	XVGMFD$	DURABLE GOODS	15.4	11.8	9.2	11.4	11.3	9.3	8.2	9.9	9.0	7.7	6.7
12	XVGMFD24$	LUMBER	15.3	7.7	7.7	9.2	11.4	10.1	8.3	11.2	11.4	8.8	8.6
13	XVGMFD25$	FURNITURE	16.6	10.0	9.3	8.2	8.5	7.5	7.2	8.6	8.8	6.9	6.0
14	XVGMFD32$	STONE, CLAY AND GLASS	20.1	10.4	8.8	10.4	7.9	4.9	5.4	7.6	7.1	6.3	5.6
15	XVGMFD33$	PRIMARY METALS	7.3	11.7	6.8	9.5	10.6	8.3	5.4	6.9	6.0	4.2	2.8
16	XVGMFD34$	FABRICATED METAL PRODUCTS	16.6	10.9	7.6	11.7	10.9	9.1	8.2	9.7	8.6	7.5	6.4
17	XVGMFD35$	NONELECTRICAL MACHINERY	17.2	12.2	10.9	12.3	12.9	10.5	9.4	11.1	10.2	8.6	7.2
18	XVGMFD36$	ELECTRICAL MACHINERY	10.7	13.7	8.6	11.8	10.6	8.6	8.0	9.0	8.1	7.2	6.7
19	XVGMFD371$	MOTOR VEHICLES	17.3	9.9	11.9	13.3	13.7	11.3	10.2	12.3	11.0	9.5	8.0
20	XVGMFD38$	INSTRUMENTS	8.9	12.7	9.2	10.8	10.4	8.9	8.5	9.7	8.5	7.8	7.1
21	XVGMFD37SP2$	NONAUTO TRANS EQ + ORD + MISC	13.1	14.7	8.5	10.9	10.3	8.6	8.1	9.3	8.4	7.6	6.9
22	XVGMFD37SP1$	NONAUTO TRANS EQUIP + ORD	13.6	15.3	8.5	11.1	10.1	8.3	7.9	9.3	8.4	7.6	6.9
23	XVGMFD39$	MISCELLANEOUS MANUFACTURING	11.5	12.6	8.4	9.9	10.8	9.7	8.6	9.5	8.7	7.8	7.1
24													
25	XVGMFN$	NONDURABLE GOODS	9.3	10.5	6.1	8.1	7.6	7.1	6.8	7.4	7.0	6.4	6.1
26	XVGMFN20$	FOOD AND BEVERAGES	7.9	8.5	4.3	4.4	4.5	4.7	4.6	5.2	5.4	5.2	5.5
27	XVGMFN21$	TOBACCO	6.8	10.4	6.0	7.4	7.5	7.1	6.7	7.6	7.2	6.7	6.2
28	XVGMFN22$	TEXTILES	8.5	10.0	7.0	9.0	8.7	8.4	7.9	8.2	7.7	6.9	6.0
29	XVGMFN23$	APPAREL	12.6	9.3	6.5	8.7	8.4	7.9	7.5	7.0	6.9	6.5	5.8
30	XVGMFN26$	PAPER	10.8	13.5	7.8	8.3	8.8	9.1	8.2	8.2	7.8	7.3	6.9
31	XVGMFN27$	PRINTING AND PUBLISHING	11.8	11.3	6.4	10.0	9.0	8.7	8.4	8.7	8.3	8.0	7.7
32	XVGMFN28$	CHEMICALS	9.9	11.2	6.0	8.6	7.7	6.3	6.1	7.6	6.9	6.1	5.6
33	XVGMFN29$	PETROLEUM	7.2	11.0	6.6	10.3	8.8	7.1	6.3	7.3	6.5	5.7	5.4
34	XVGMFN30$	RUBBER	6.2	10.5	6.9	10.0	9.3	7.8	7.5	8.9	7.7	6.8	6.3
35	XVGMFN31$	LEATHER	9.3	9.6	4.8	7.9	7.6	6.5	5.9	6.1	5.5	5.0	5.0
36													
37	XVGCO$	COMMERCIAL AND OTHER	11.2	9.2	7.8	11.0	11.3	10.2	9.4	10.0	9.2	8.5	7.8
38													
39	XVGRG1$	TRANSPORTATION	9.9	6.7	5.2	6.8	7.2	7.2	7.0	7.6	7.7	7.9	7.2
40													
41	XVGRGU49$	UTILITIES	12.9	9.8	10.8	11.9	10.6	9.2	9.2	10.0	9.3	8.5	7.0
42													
43	XVGRGC48$	COMMUNICATIONS	12.2	7.8	7.7	11.9	3.7	7.3	6.3	7.4	7.8	7.8	8.1
44													
45	XVGGV$	GOVERNMENT AND GOV. ENTERPRISES	8.6	7.7	7.6	9.1	9.5	9.1	8.9	8.9	8.5	8.4	8.1
46													
47	WHCGVG$	GENERAL GOVERNMENT	9.0	8.3	8.2	8.9	9.2	9.0	8.8	8.8	8.3	8.3	8.2
48	XVGGVFE$	FEDERAL ENTERPRISES	10.0	2.9	2.5	9.9	10.7	9.4	8.8	10.5	10.5	9.3	6.9
49	XVGGVSE$	STATE AND LOCAL ENTERPRISES	1.7	4.3	1.7	11.9	12.8	11.5	10.2	10.2	9.1	8.3	7.3

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TABLE 13.10 EMPLOYMENT (THOUSANDS)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NEHT	I	ALL INDUSTRIES	94256.	96380.	97733.	99672.	101418.	102942.	104332.	105889.	107512.	109096.	110484.
2														
3	NEHA	B	FARM	3310.	3165.	3066.	3078.	3111.	3133.	3133.	3126.	3115.	3098.	3075.
4	NEETTMG	B	MINING	862.	888.	863.	848.	842.	841.	839.	845.	855.	867.	876.
5														
6	NEETTMF	I	MANUFACTURING	20266.	20692.	20849.	20973.	21145.	21238.	21251.	21392.	21538.	21621.	21600.
7	NEETTMFD	I	DURABLE GOODS	12074.	12441.	12573.	12706.	12888.	13000.	13038.	13184.	13327.	13407.	13393.
8	NEETTMFD24	B	LUMBER	667.	672.	670.	680.	694.	706.	717.	726.	738.	752.	766.
9	NEETTMFD25	B	FURNITURE	534.	545.	553.	555.	562.	567.	570.	580.	584.	591.	596.
10	NEETTMFD32	B	STONE, CLAY AND GLASS	692.	721.	733.	732.	735.	736.	736.	746.	758.	768.	772.
11	NEETTMFD33	B	PRIMARY METALS	1251.	1276.	1277.	1287.	1310.	1322.	1312.	1314.	1312.	1297.	1272.
12	NEETTMFD34	B	FABRICATED METAL PRODUCTS	1531.	1575.	1601.	1624.	1654.	1671.	1676.	1695.	1714.	1723.	1719.
13	NEETTMFD35	B	NONELECTRICAL MACHINERY	2290.	2354.	2404.	2442.	2491.	2530.	2554.	2606.	2661.	2696.	2702.
14	NEETTMFD36	B	ELECTRICAL MACHINERY	2044.	2127.	2143.	2150.	2166.	2175.	2176.	2190.	2202.	2207.	2202.
15	NEETTMFD371	B	MOTOR VEHICLES	965.	986.	998.	1013.	1021.	1023.	1020.	1025.	1026.	1020.	1007.
16	NEETTMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	1547.	1607.	1612.	1632.	1655.	1664.	1666.	1684.	1703.	1715.	1717.
17	NEETTMFD39	B	MISCELLANEOUS MANUFACTURING	437.	444.	451.	461.	473.	480.	482.	490.	496.	499.	498.
18	NEETTMFD37SP1	B	NONAUTO TRANS EQ + ORD	1110.	1163.	1161.	1170.	1182.	1184.	1183.	1194.	1207.	1216.	1219.
19	NEETTMFD372,9	B	NONAUTO TRANS EQ	948.	993.	991.	1002.	1017.	1021.	1022.	1035.	1050.	1062.	1067.
20	NEETTMFD19	B	ORDNANCE MANUFACTURING	162.	169.	170.	168.	165.	163.	161.	160.	157.	154.	153.
21	NEETTMFD38	B	INSTRUMENTS	554.	574.	583.	590.	600.	606.	611.	620.	629.	637.	641.
22	NEETTMFN	I	NONDURABLE GOODS	8192.	8251.	8276.	8267.	8257.	8238.	8213.	8207.	8212.	8214.	8207.
23	NEETTMFN20	B	FOOD AND BEVERAGES	1745.	1719.	1698.	1677.	1648.	1615.	1586.	1566.	1554.	1546.	1541.
24	NEETTMFN21	B	TOBACCO	70.	70.	70.	70.	69.	68.	68.	67.	66.	66.	65.
25	NEETTMFN22	B	TEXTILES	994.	1000.	996.	997.	1000.	1003.	1004.	1007.	1009.	1011.	1010.
26	NEETTMFN23	B	APPAREL	1303.	1313.	1316.	1314.	1310.	1301.	1289.	1278.	1265.	1250.	1233.
27	NEETTMFN26	B	PAPER	713.	726.	733.	739.	745.	750.	752.	753.	754.	754.	750.
28	NEETTMFN27	B	PRINTING AND PUBLISHING	1125.	1147.	1160.	1170.	1179.	1190.	1202.	1217.	1235.	1253.	1270.
29	NEETTMFN28	B	CHEMICALS	1069.	1076.	1079.	1069.	1058.	1053.	1048.	1047.	1048.	1049.	1049.
30	NEETTMFN29	B	PETROLEUM	211.	217.	221.	220.	219.	216.	214.	210.	207.	203.	199.
31	NEETTMFN30	B	RUBBER	688.	701.	715.	727.	743.	757.	768.	783.	797.	810.	818.
32	NEETTMFN31	B	LEATHER	274.	282.	287.	288.	287.	285.	282.	279.	276.	273.	270.
33														
34	NEETTRG	I	REGULATED INDUSTRIES	4709.	4782.	4777.	4844.	4853.	4884.	4905.	4961.	5046.	5133.	5177.
35	NEETTRGT	B	TRANSPORTATION	2691.	2741.	2745.	2760.	2790.	2820.	2841.	2876.	2930.	2993.	3026.
36	NEETTRGU49	B	UTILITIES	768.	780.	774.	768.	764.	762.	763.	766.	763.	759.	753.
37	NEETTRGC48	B	COMMUNICATIONS	1250.	1261.	1257.	1315.	1298.	1302.	1300.	1319.	1353.	1381.	1398.
38														
39	NEETTCO	I	COMMERCIAL AND OTHER	49497.	50933.	51858.	53440.	54748.	55888.	56975.	58059.	59178.	60314.	61417.
40	NEETTCM	I	COMMERCIAL	44128.	45528.	46191.	47639.	48813.	49819.	50772.	51722.	52707.	53709.	54678.
41	NEETTCC	B	CONTRACT CONSTRUCTION	4245.	4370.	4364.	4539.	4661.	4722.	4760.	4779.	4812.	4841.	4860.
42	NEETTFI	B	FINANCE,INSUR,REAL ESTATE	4715.	4906.	5051.	5243.	5384.	5471.	5547.	5619.	5692.	5766.	5841.
43	NEETTSV	B	SERVICES	16082.	16644.	16993.	17672.	18220.	18730.	19254.	19774.	20308.	20856.	21398.
44	NEETTWR	B	WHOLESALE AND RETAIL TRADE	19066.	19608.	19781.	20185.	20548.	20897.	21211.	21550.	21895.	22245.	22578.
45	NEHNSE	F	SELF-EMPLOYED WORKERS, NONAG	6279.	6435.	6697.	6807.	6917.	7027.	7137.	7247.	7357.	7467.	7577.
46	NEHNUF	E	UNPAID FAMILY WORKERS, NONAG	478.	470.	470.	470.	470.	470.	470.	470.	470.	470.	470.
47	NEHNWS-ET	E	CONCEPTUAL DIFF, HH VS ESTAB	-1389.	-1500.	-1500.	-1476.	-1452.	-1428.	-1404.	-1380.	-1356.	-1332.	-1308.
48														
49	NEETTGV	I	GOVERNMENT	15612.	15920.	16320.	16490.	16718.	16958.	17230.	17506.	17779.	18063.	18339.
50	NEETTGVF	B	FEDERAL	2757.	2770.	2770.	2776.	2783.	2791.	2800.	2810.	2822.	2834.	2846.
51	NEETTGVS	B	STATE AND LOCAL	12854.	13150.	13550.	13714.	13936.	14167.	14431.	14696.	14957.	15229.	15492.

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TABLE 13.20 EMPLOYMENT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NEHT	I	ALL INDUSTRIES	4.1	2.3	1.4	2.0	1.8	1.5	1.4	1.5	1.5	1.5	1.3
2														
3	NEHA	B	FARM	2.0	-4.4	-3.1	0.4	1.1	0.7	0.0	-0.2	-0.4	-0.5	-0.7
4	NEETTMG	B	MINING	3.8	3.0	-2.8	-1.8	-0.6	-0.2	-0.2	0.7	1.2	1.3	1.0
5														
6	NEETTMF	I	MANUFACTURING	3.6	2.1	0.8	0.6	0.8	0.4	0.1	0.7	0.7	0.4	-0.1
7	NEETTMFD	I	DURABLE GOODS	5.2	3.0	1.1	1.1	1.4	0.9	0.3	1.1	1.1	0.6	-0.1
8	NEETTMFD24	B	LUMBER	3.9	0.7	-0.4	1.6	2.1	1.8	1.5	1.3	1.7	1.9	1.8
9	NEETTMFD25	B	FURNITURE	4.7	2.2	1.3	0.5	1.3	0.7	0.6	1.7	0.6	1.3	0.8
10	NEETTMFD32	B	STONE, CLAY AND GLASS	6.0	4.2	1.7	-0.1	0.3	0.2	0.0	1.3	1.7	1.3	0.5
11	NEETTMFD33	B	PRIMARY METALS	4.0	2.0	0.0	0.8	1.8	0.9	-0.7	0.1	-0.1	-1.1	-2.0
12	NEETTMFD34	B	FABRICATED METAL PRODUCTS	5.5	2.9	1.6	1.4	1.9	1.0	0.3	1.1	1.1	0.6	-0.2
13	NEETTMFD35	B	NONELECTRICAL MACHINERY	4.7	2.8	2.1	1.6	2.0	1.6	0.9	2.0	2.1	1.3	0.2
14	NEETTMFD36	B	ELECTRICAL MACHINERY	5.6	4.1	0.7	0.3	0.8	0.4	0.0	0.6	0.6	0.2	-0.3
15	NEETTMFD371	B	MOTOR VEHICLES	8.3	2.5	1.0	1.5	0.8	0.2	-0.3	0.4	0.1	-0.6	-1.3
16	NEETTMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	4.5	3.9	0.3	1.2	1.4	0.6	0.1	1.1	1.1	0.7	0.1
17	NEETTMFD39	B	MISCELLANEOUS MANUFACTURING	4.5	1.7	1.6	2.2	2.5	1.5	0.5	1.6	1.3	0.6	-0.3
18	NEETTMFD37SP1	B	NONAUTO TRANS EQ + ORD	4.5	4.8	-0.2	0.8	1.0	0.2	-0.1	0.9	1.0	0.8	0.3
19	NEETTMFD372,9	B	NONAUTO TRANS EQ	4.5	4.8	-0.2	1.1	1.5	0.4	0.1	1.2	1.4	1.1	0.5
20	NEETTMFD19	B	ORDNANCE MANUFACTURING	4.5	4.6	0.1	-0.9	-1.9	-1.0	-1.4	-1.0	-1.6	-1.6	-1.1
21	NEETTMFD38	B	INSTRUMENTS	5.0	3.7	1.6	1.2	1.6	1.1	0.8	1.4	1.5	1.2	0.8
22	NEETTMFN	I	NONDURABLE GOODS	1.5	0.7	0.3	-0.1	-0.1	-0.2	-0.3	-0.1	0.1	0.0	-0.1
23	NEETTMFN20	B	FOOD AND BEVERAGES	1.4	-1.5	-1.2	-1.2	-1.8	-2.0	-1.8	-1.3	-0.8	-0.5	-0.3
24	NEETTMFN21	B	TOBACCO	0.7	-0.4	-0.2	-0.6	-0.8	-1.0	-1.2	-1.0	-1.0	-1.1	-1.2
25	NEETTMFN22	B	TEXTILES	1.3	0.6	-0.4	0.0	0.4	0.3	0.1	0.3	0.2	0.1	-0.1
26	NEETTMFN23	B	APPAREL	1.2	0.8	0.2	-0.1	-0.3	-0.6	-0.9	-0.9	-1.0	-1.1	-1.4
27	NEETTMFN26	B	PAPER	2.1	1.8	1.0	0.8	0.8	0.6	0.2	0.2	0.1	-0.1	-0.4
28	NEETTMFN27	B	PRINTING AND PUBLISHING	1.4	2.0	1.2	0.9	0.7	0.9	1.0	1.3	1.4	1.5	1.4
29	NEETTMFN28	B	CHEMICALS	1.1	0.7	0.3	-1.3	-0.7	-0.5	-0.4	-0.1	0.1	0.1	-0.0
30	NEETTMFN29	B	PETROLEUM	0.9	2.9	1.7	-0.4	-0.7	-1.0	-1.3	-1.5	-1.6	-1.8	-2.1
31	NEETTMFN30	B	RUBBER	1.9	1.8	2.1	1.7	2.1	1.9	1.5	1.9	1.8	1.6	1.1
32	NEETTMFN31	B	LEATHER	3.9	3.0	1.9	0.1	-0.3	-0.7	-1.1	-1.0	-1.0	-1.0	-1.1
33														
34	NEETTRG	I	REGULATED INDUSTRIES	2.6	1.5	-0.1	1.4	0.2	0.6	0.4	1.2	1.7	1.7	0.9
35	NEETTRGT	B	TRANSPORTATION	0.9	1.9	0.1	0.6	1.1	1.1	0.7	1.2	1.9	2.2	1.1
36	NEETTRGU49	B	UTILITIES	3.2	1.5	-0.7	-0.8	-0.6	-0.2	0.1	0.4	-0.4	-0.5	-0.9
37	NEETTRGC48	B	COMMUNICATIONS	7.1	0.9	-0.3	4.6	-1.3	0.3	-0.1	1.4	2.5	2.1	1.3
38														
39	NEETTCO	I	COMMERCIAL AND OTHER	5.0	2.9	1.8	3.1	2.4	2.1	1.9	1.9	1.9	1.9	1.8
40	NEETTCM	I	COMMERCIAL	5.1	3.2	1.5	3.1	2.5	2.1	1.9	1.9	1.9	1.9	1.8
41	NEETTCC	B	CONTRACT CONSTRUCTION	10.4	2.9	-0.1	4.0	2.7	1.3	0.8	0.4	0.7	0.6	0.4
42	NEETTFI	B	FINANCE, INSUR, REAL ESTATE	5.0	3.6	3.0	3.8	2.7	1.6	1.4	1.3	1.3	1.3	1.3
43	NEETTSV	B	SERVICES	4.9	3.5	2.1	4.0	3.1	2.8	2.8	2.7	2.7	2.7	2.6
44	NEETTWR	B	WHOLESALE AND RETAIL TRADE	4.2	2.8	0.9	2.0	1.8	1.7	1.5	1.6	1.6	1.6	1.5
45	NEHOSE	E	SELF-EMPLOYED WORKERS, NONAG.	4.6	2.5	4.1	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
46	NEHNUF	E	UNPAID FAMILY WORKERS, NONAG.	-2.8	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	NEHHWS-ET	E	CONCEPTUAL DIFF, HH VS ESTAB.	3.9	8.0	0.0	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.8	-1.8
48														
49	NEETTGV	I	GOVERNMENT	2.8	2.0	2.5	1.0	1.4	1.4	1.6	1.6	1.6	1.6	1.5
50	NEETTGVF	B	FEDERAL	1.1	0.5	0.0	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
51	NEETTGVS	B	STATE AND LOCAL	3.1	2.3	3.0	1.2	1.6	1.7	1.9	1.8	1.8	1.8	1.7

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TABLE 14,10 POPULATION AND LABOR FORCE (MILLIONS)

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NPT		I	TOTAL POPULATION	218.51	220.31	222.24	224.29	226.43	228.60	230.79	232.98	235.17	237.35	239.48
2															
3	NPT00,04		E	TOTAL POPULATION, AGES 00 - 04	15,361	15,68	16,09	16,69	17,33	17,95	18,48	18,88	19,15	19,33	19,45
4	NPT05,09		E	TOTAL POPULATION, AGES 05 - 09	16,891	16,49	16,10	15,57	15,42	15,54	15,86	16,26	16,86	17,51	18,12
5	NPT10,14		E	TOTAL POPULATION, AGES 10 - 14	18,581	18,06	17,80	17,82	17,64	17,36	16,96	16,56	16,03	15,87	15,98
6	NPT15,19		I	TOTAL POPULATION, AGES 15 - 19	21,061	20,91	20,60	20,01	19,40	18,78	18,26	18,00	18,02	17,84	17,57
7	NPT15		E	TOTAL POPULATION, AGE 15	4,141	4,08	3,91	3,69	3,59	3,51	3,56	3,64	3,72	3,41	3,23
8	NPT16,17		I	TOTAL POPULATION, AGES 16 - 17	8,421	8,28	8,15	7,92	7,54	7,23	7,05	7,02	7,15	7,31	7,09
9	NPT18,19		I	TOTAL POPULATION, AGES 18 - 19	8,511	8,56	8,54	8,39	8,27	8,04	7,65	7,34	7,15	7,12	7,25
10	NPT20,24		I	TOTAL POPULATION, AGES 20 - 24	20,451	20,72	20,90	21,10	21,07	20,96	20,81	20,49	19,91	19,31	18,70
11	NPT25,29		I	TOTAL POPULATION, AGES 25 - 29	18,041	18,44	18,92	19,31	19,76	20,13	20,39	20,57	20,75	20,72	20,62
12	NPT30,34		I	TOTAL POPULATION, AGES 30 - 34	15,891	16,56	17,24	18,14	18,08	18,40	18,80	19,28	19,67	20,12	20,49
13	NPT35,39		I	TOTAL POPULATION, AGES 35 - 39	13,061	13,59	14,04	14,29	15,43	15,92	16,58	17,28	18,16	18,10	18,40
14	NPT40,44		I	TOTAL POPULATION, AGES 40 - 44	11,321	11,51	11,69	11,98	12,41	13,13	13,66	14,10	14,56	15,49	15,98
15	NPT45,49		I	TOTAL POPULATION, AGES 45 - 49	11,361	11,21	11,03	11,00	11,05	11,16	11,35	11,53	11,81	12,23	12,94
16	NPT50,54		I	TOTAL POPULATION, AGES 50 - 54	11,821	11,72	11,67	11,54	11,40	11,25	11,10	10,93	10,90	10,95	11,06
17	NPT55,59		I	TOTAL POPULATION, AGES 55 - 59	11,241	11,36	11,39	11,40	11,31	11,26	11,16	11,11	11,00	10,86	10,71
18	NPT60,64		I	TOTAL POPULATION, AGES 60 - 64	9,431	9,57	9,80	10,00	10,28	10,47	10,59	10,61	10,63	10,55	10,49
19	NPT65,69		I	TOTAL POPULATION, AGES 65 - 69	8,571	8,66	8,71	8,78	8,83	8,89	9,03	9,25	9,45	9,71	9,89
20	NPT70+		I	TOTAL POPULATION, AGES 70 AND OVER	15,441	15,84	16,29	16,66	17,03	17,40	17,77	18,13	18,45	18,75	19,07
21	NPT70,74		I	TOTAL POPULATION, AGES 70 - 74	6,361	6,56	6,79	6,94	7,07	7,17	7,26	7,30	7,36	7,41	7,47
22	NPT75+		I	TOTAL POPULATION, AGES 75 & OVER	9,081	9,28	9,49	9,72	9,95	10,23	10,51	10,83	11,09	11,34	11,60
23															
24	NPT16+		I	TOTAL POPULATION, AGE 16 & OVER	163,551	166,00	168,35	170,52	172,45	174,25	175,94	177,64	179,40	181,21	182,70
25	NPT20+		I	TOTAL POPULATION, AGE 20 & OVER	146,631	149,17	151,66	154,20	156,64	158,98	161,23	163,28	165,09	166,78	168,36
26	NPT30,64		I	TOTAL POPULATION, AGES 30 - 64	84,131	85,51	86,85	88,35	89,95	91,59	93,24	94,84	96,53	98,29	100,08
27															
28	NCH		E	NUMBER OF HOUSEHOLDS	75,941	77,50	79,06	80,65	82,24	83,82	85,36	86,86	88,31	89,74	91,14
29	NCF		E	NUMBER OF FAMILIES	58,261	59,27	60,26	61,27	62,31	63,32	64,29	65,20	66,10	66,97	67,82
30	NCU		E	UNRELATED INDIVIDUALS	21,571	22,12	22,68	23,24	23,78	24,32	24,86	25,40	25,90	26,39	26,88
31															
32	NLM		E	ARMED FORCES	2,121	2,09	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07
33															
34	NPC16+		I	CIVILIAN POPULATION, AGE 16 & OVER	161,441	163,92	166,28	168,45	170,38	172,18	173,87	175,57	177,33	179,14	180,63
35	NPCM16+		I	MALE, AGE 16 & OVER	77,641	78,80	79,88	80,81	81,61	82,39	83,12	83,92	84,77	85,65	86,18
36	NPCF16+		I	FEMALE, AGE 16 & OVER	83,791	85,11	86,40	87,63	88,77	89,79	90,75	91,65	92,56	93,49	94,44
37															
38	NLC		I	CIVILIAN LABOR FORCE	100,321	102,74	104,84	106,46	107,98	109,50	110,89	112,27	113,69	115,17	116,55
39	NLCM16+		B	MALE	58,501	59,76	60,65	60,81	61,33	61,85	62,33	62,85	63,42	64,01	64,46
40	NLCF16+		B	FEMALE	41,831	42,98	44,19	45,65	46,65	47,64	48,56	49,42	50,27	51,16	52,09
41															
42	NRLT+			PARTICIPATION RATE (PERCENT)	63,051	63,59	63,98	64,13	64,32	64,54	64,73	64,91	65,08	65,26	65,50
43	NRLTM16++			MALE	77,791	78,25	78,27	77,47	77,25	77,11	76,96	76,87	76,80	76,74	76,65
44	NRLTF16++			FEMALE	49,841	50,45	51,16	52,16	52,71	53,26	53,76	54,18	54,57	54,97	55,51
45															
46	NEMT+			TOTAL EMPLOYMENT	94,261	96,38	97,73	99,67	101,42	102,94	104,33	105,89	107,51	109,10	110,48
47	NUT		I	TOTAL UNEMPLOYMENT	6,071	6,36	7,11	6,79	6,57	6,55	6,56	6,38	6,18	6,08	6,06
48															
49	NRUT		I	UNEMPLOYMENT RATE (PERCENT)	6,051	6,19	6,78	6,38	6,08	5,99	5,91	5,69	5,43	5,28	5,20

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TABLE 14.20 POPULATION AND LABOR FORCE, GROWTH RATES

LINE	VAR	LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NPT	I	TOTAL POPULATION	0.81	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9
2														
3	NPT00.04	E	TOTAL POPULATION, AGES 00 - 04	0.81	2.1	2.6	3.7	3.9	3.5	2.9	2.2	1.5	0.9	0.6
4	NPT05.09	E	TOTAL POPULATION, AGES 05 - 09	-1.61	-2.3	-2.4	-3.3	-1.0	0.8	2.1	2.5	3.7	3.8	3.5
5	NPT10.14	E	TOTAL POPULATION, AGES 10 - 14	-3.21	-2.8	-1.5	0.2	-1.0	-1.6	-2.3	-2.4	-3.2	-1.0	0.7
6	NPT15.19	I	TOTAL POPULATION, AGES 15 - 19	-0.51	-0.7	-1.5	-2.9	-3.0	-3.2	-2.8	-1.4	0.2	-1.0	-1.6
7	NPT15	E	TOTAL POPULATION, AGE 15	-1.61	-1.4	-4.2	-5.5	-2.7	-2.3	1.3	2.4	2.2	-8.3	-5.4
8	NPT16.17	I	TOTAL POPULATION, AGES 16 - 17	-0.21	-1.7	-1.8	-2.8	-4.8	-4.1	-2.5	-0.5	1.9	2.3	-3.1
9	NPT18.19	I	TOTAL POPULATION, AGES 18 - 19	-0.31	0.6	-0.2	-1.7	-1.5	-2.8	-4.8	-4.1	-2.5	-0.5	1.9
10	NPT20.24	I	TOTAL POPULATION, AGES 20 - 24	1.91	1.3	0.9	0.9	-0.1	-0.5	-0.7	-1.5	-2.9	-3.0	-3.2
11	NPT25.29	I	TOTAL POPULATION, AGES 25 - 29	1.71	2.2	2.6	2.1	2.3	1.8	1.3	0.9	0.9	-0.2	-0.5
12	NPT30.34	I	TOTAL POPULATION, AGES 30 - 34	3.11	4.2	4.1	5.2	-0.3	1.7	2.2	2.5	2.1	2.3	1.8
13	NPT35.39	I	TOTAL POPULATION, AGES 35 - 39	5.81	4.0	3.3	1.8	7.9	3.2	4.2	4.2	5.1	-0.3	1.7
14	NPT40.44	I	TOTAL POPULATION, AGES 40 - 44	1.11	1.6	1.6	2.5	3.6	5.8	4.0	3.3	1.8	7.9	3.2
15	NPT45.49	I	TOTAL POPULATION, AGES 45 - 49	-1.31	-1.4	-1.6	-0.3	0.4	1.1	1.6	1.6	2.5	3.6	5.8
16	NPT50.54	I	TOTAL POPULATION, AGES 50 - 54	-0.51	-0.8	-0.5	-1.1	-1.2	-1.3	-1.3	-1.5	-0.2	0.4	1.1
17	NPT55.59	I	TOTAL POPULATION, AGES 55 - 59	1.91	1.1	0.2	0.1	-0.8	-0.5	-0.8	-0.5	-1.1	-1.3	-1.3
18	NPT60.64	I	TOTAL POPULATION, AGES 60 - 64	0.71	1.5	2.4	2.1	2.7	1.9	1.1	0.2	0.1	-0.8	-0.5
19	NPT65.69	I	TOTAL POPULATION, AGES 65 - 69	1.41	1.1	0.5	0.8	0.6	0.7	1.5	2.5	2.2	2.8	1.9
20	NPT70+	I	TOTAL POPULATION, AGES 70 AND OVER	2.61	2.6	2.8	2.3	2.2	2.2	2.1	2.0	1.8	1.6	1.7
21	NPT70.74	I	TOTAL POPULATION, AGES 70 - 74	3.61	3.2	3.5	2.2	1.9	1.4	1.2	0.6	0.8	0.6	0.8
22	NPT75+	I	TOTAL POPULATION, AGES 75 & OVER	2.01	2.1	2.4	2.4	2.4	2.8	2.7	3.0	2.4	2.3	2.3
23														
24	NPT16+	I	TOTAL POPULATION, AGE 16 & OVER	1.61	1.5	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.8
25	NPT20+	I	TOTAL POPULATION, AGE 20 & OVER	1.81	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
26	NPT30.64	I	TOTAL POPULATION, AGES 30 - 64	1.71	1.6	1.6	1.7	1.8	1.8	1.8	1.7	1.8	1.8	1.8
27														
28	NCH	E	NUMBER OF HOUSEHOLDS	2.11	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.6
29	NCF	E	NUMBER OF FAMILIES	1.71	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.3
30	NCU	E	UNRELATED INDIVIDUALS	2.61	2.6	2.5	2.5	2.3	2.3	2.2	2.2	2.0	1.9	1.8
31														
32	NLM	E	ARMED FORCES	-0.81	-1.4	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33														
34	NPC16+	I	CIVILIAN POPULATION, AGE 16 & OVER	1.61	1.5	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	0.8
35	NPCM16+	I	MALE, AGE 16 & OVER	3.21	1.5	1.4	1.2	1.0	1.0	0.9	1.0	1.0	1.0	0.6
36	NPCF16+	I	FEMALE, AGE 16 & OVER	0.11	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0
37														
38	NLC	I	CIVILIAN LABOR FORCE	3.01	2.4	2.0	1.5	1.4	1.4	1.3	1.2	1.3	1.3	1.2
39	NLCM16+	B	MALE	1.81	2.2	1.5	0.3	0.9	0.9	0.8	0.8	0.9	0.9	0.7
40	NLCF16+	B	FEMALE	4.71	2.7	2.8	3.3	2.2	2.1	1.9	1.8	1.7	1.8	1.8
41														
42	NEMT+		TOTAL EMPLOYMENT	4.11	2.3	1.4	2.0	1.8	1.5	1.4	1.5	1.5	1.5	1.3
43	NUT	I	TOTAL UNEMPLOYMENT	-11.51	4.8	11.8	-4.5	-3.2	-0.2	0.0	-2.6	-3.2	-1.6	-0.2

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TABLE 14.30 LABOR FORCE PARTICIPATION RATES (FRACTIONS)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NRLTM16+	I	MALE, TOTAL-------	0.7779	0.7825	0.7827	0.7747	0.7725	0.7711	0.7696	0.7687	0.7680	0.7674	0.7665
2	NRLTM16.19	B	AGES 16 TO 19----	0.6201	0.6194	0.6186	0.6193	0.6207	0.6233	0.6231	0.6257	0.6301	0.6338	0.6294
3	NRLTM20.24	B	AGES 20 TO 24----	0.8569	0.8551	0.8551	0.8427	0.8399	0.8376	0.8359	0.8333	0.8303	0.8275	0.8245
4	NRLTM25.34	B	AGES 25 TO 34----	0.9495	0.9535	0.9547	0.9507	0.9500	0.9502	0.9508	0.9507	0.9505	0.9509	0.9515
5	NRLTM35.44	B	AGES 35 TO 34----	0.9555	0.9609	0.9621	0.9504	0.9494	0.9490	0.9491	0.9485	0.9478	0.9476	0.9476
6	NRLTM45.54	B	AGES 45 TO 54----	0.9149	0.9219	0.9225	0.9111	0.9089	0.9077	0.9069	0.9054	0.9040	0.9033	0.9028
7	NRLTM55.64	B	AGES 55 TO 64----	0.7351	0.7489	0.7444	0.7233	0.7067	0.6918	0.6770	0.6735	0.6705	0.6680	0.6656
8	NRLTM65+	B	AGES 65 AND OVER	0.2044	0.2022	0.1998	0.1944	0.1891	0.1842	0.1796	0.1753	0.1715	0.1683	0.1651
9														
10	NRLTF16+	I	FEMALE,TOTAL------	0.4984	0.5045	0.5116	0.5216	0.5271	0.5326	0.5376	0.5418	0.5457	0.5497	0.5551
11	NRLTF16.19	B	AGES 16 TO 19----	0.5362	0.5348	0.5386	0.5483	0.5588	0.5475	0.5364	0.5458	0.5470	0.5517	0.5569
12	NRLTF20.24	B	AGES 20 TO 24----	0.6812	0.6916	0.6994	0.7132	0.7160	0.7223	0.7291	0.7321	0.7357	0.7407	0.7487
13	NRLTF25.34	B	AGES 25 TO 34----	0.6206	0.6289	0.6440	0.6578	0.6606	0.6666	0.6730	0.6752	0.6773	0.6805	0.6860
14	NRLTF35.44	B	AGES 35 TO 44----	0.6151	0.6242	0.6328	0.6540	0.6711	0.6879	0.7013	0.7101	0.7178	0.7251	0.7340
15	NRLTF45.54	B	AGES 45 TO 54----	0.5671	0.5701	0.5749	0.5813	0.5849	0.5933	0.6054	0.6173	0.6325	0.6453	0.6578
16	NRLTF55.64	B	AGES 55 TO 64----	0.4148	0.4280	0.4329	0.4362	0.4391	0.4436	0.4431	0.4436	0.4442	0.4445	0.4452
17	NRLTF65+	B	AGES 65 AND OVER	0.0835	0.0832	0.0843	0.0843	0.0844	0.0850	0.0855	0.0854	0.0853	0.0854	0.0861
18														
19	NRLT	I	BOTH SEXES, TOTAL-	0.6305	0.6359	0.6398	0.6413	0.6432	0.6454	0.6473	0.6491	0.6508	0.6526	0.6550
20	NRLT16.19	I	AGES 16 TO 19----	0.5778	0.5768	0.5783	0.5835	0.5895	0.5850	0.5793	0.5853	0.5881	0.5924	0.5928
21	NRLT20.24	I	AGES 20 TO 24----	0.7658	0.7704	0.7745	0.7757	0.7758	0.7779	0.7806	0.7809	0.7812	0.7824	0.7851
22	NRLT25.34	I	AGES 25 TO 34----	0.7805	0.7870	0.7955	0.8007	0.8018	0.8050	0.8085	0.8097	0.8107	0.8125	0.8156
23	NRLT35.44	I	AGES 35 TO 44----	0.7788	0.7862	0.7913	0.7968	0.8054	0.8140	0.8212	0.8255	0.8292	0.8329	0.8376
24	NRLT45.54	I	AGES 45 TO 54----	0.7350	0.7401	0.7431	0.7409	0.7418	0.7455	0.7514	0.7568	0.7639	0.7701	0.7764
25	NRLT55.64	I	AGES 55 TO 64----	0.5660	0.5795	0.5800	0.5719	0.5657	0.5611	0.5540	0.5527	0.5517	0.5508	0.5502
26	NRLT65+	I	AGES 65 AND OVER	0.1330	0.1319	0.1314	0.1292	0.1270	0.1253	0.1237	0.1219	0.1203	0.1191	0.1181

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TABLE 14.40 LABOR FORCE

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			LABOR FORCE (MILLIONS)											
2														
3	NLCM16+	B	MALE, TOTAL	58,497	59,762	60,653	60,814	61,331	61,854	62,329	62,853	63,419	64,013	64,460
4	NLCM16,19	B	AGES 16 TO 19	5,054	5,024	4,978	4,865	4,719	4,569	4,390	4,300	4,314	4,386	4,327
5	NLCM20,24	B	AGES 20 TO 24	8,025	8,130	8,209	8,174	8,132	8,066	7,989	7,833	7,563	7,288	7,012
6	NLCM25,34	B	AGES 25 TO 34	15,281	15,858	16,433	16,964	17,136	17,456	17,777	18,082	18,351	18,548	18,681
7	NLCM35,44	B	AGES 35 TO 34	10,991	11,386	11,693	11,812	12,532	13,096	13,649	14,169	14,686	15,182	15,555
8	NLCM45,54	B	AGES 45 TO 54	10,137	10,115	10,030	9,845	9,781	9,754	9,758	9,743	9,838	10,031	10,388
9	NLCM55,64	B	AGES 55 TO 64	7,098	7,324	7,372	7,239	7,140	7,041	6,908	6,872	6,818	6,730	6,652
10	NLCM65+	B	AGES 65 AND OVER	1,910	1,925	1,938	1,916	1,892	1,872	1,858	1,853	1,847	1,848	1,843
11														
12	NLCM25,54	I	MALE, AGES 25 TO 54	36,410	37,359	38,156	38,620	39,449	40,305	41,184	41,995	42,876	43,761	44,624
13														
14	NLCF16+	B	FEMALE, TOTAL	41,827	42,977	44,192	45,646	46,654	47,642	48,561	49,420	50,271	51,160	52,087
15	NLCF16,19	B	AGES 16 TO 19	4,442	4,403	4,394	4,375	4,320	4,089	3,858	3,830	3,824	3,887	3,898
16	NLCF20,24	B	AGES 20 TO 24	6,866	7,067	7,211	7,423	7,443	7,469	7,479	7,398	7,221	7,052	6,901
17	NLCF25,34	B	AGES 25 TO 34	10,546	11,018	11,654	12,331	12,517	12,856	13,202	13,467	13,708	13,917	14,120
18	NLCF35,44	B	AGES 35 TO 44	7,637	7,977	8,291	8,746	9,497	10,153	10,772	11,315	11,846	12,353	12,799
19	NLCF45,54	B	AGES 45 TO 54	6,733	6,687	6,667	6,693	6,704	6,792	6,942	7,082	7,343	7,646	8,069
20	NLCF55,64	B	AGES 55 TO 64	4,478	4,680	4,789	4,873	4,944	5,023	5,016	5,010	4,986	4,934	4,893
21	NLCF65+	B	AGES 65 AND OVER	1,125	1,146	1,184	1,206	1,229	1,260	1,292	1,319	1,343	1,372	1,407
22														
23	NLC	I	BOTH SEXES, TOTAL	100,324	102,739	104,844	106,460	107,985	109,496	110,890	112,273	113,690	115,173	116,546
24	NLC16,19	I	AGES 16 TO 19	9,496	9,427	9,372	9,240	9,039	8,658	8,248	8,130	8,138	8,273	8,225
25	NLC20,24	I	AGES 20 TO 24	14,891	15,197	15,420	15,596	15,574	15,535	15,468	15,231	14,784	14,340	13,913
26	NLC25,34	I	AGES 25 TO 34	25,827	26,876	28,087	29,295	29,652	30,312	30,979	31,550	32,060	32,465	32,801
27	NLC35,44	I	AGES 35 TO 44	18,628	19,363	19,985	20,558	22,029	23,249	24,421	25,483	26,533	27,535	28,354
28	NLC45,54	I	AGES 45 TO 54	16,870	16,802	16,697	16,537	16,485	16,546	16,700	16,825	17,181	17,677	18,457
29	NLC55,64	I	AGES 55 TO 64	11,576	12,004	12,161	12,112	12,084	12,064	11,924	11,881	11,804	11,664	11,546

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TABLE 14.40 LABOR FORCE

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			LABOR FORCE (% CHANGE)											
2														
3	NLCM16+	B	MALE, TOTAL	1.8	2.2	1.5	0.3	0.9	0.9	0.8	0.8	0.9	0.9	0.7
4	NLCM16,19	B	AGES 16 TO 19	1.3	-0.6	-0.9	-2.3	-3.0	-3.2	-3.9	-2.0	0.3	1.7	-1.3
5	NLCM20,24	B	AGES 20 TO 24	1.9	1.3	1.0	-0.4	-0.5	-0.8	-1.0	-2.0	-3.5	-3.6	-3.8
6	NLCM25,34	B	AGES 25 TO 34	2.6	3.8	3.6	3.2	1.0	1.9	1.8	1.7	1.5	1.1	0.7
7	NLCM35,44	B	AGES 35 TO 34	3.5	3.6	2.7	1.0	6.1	4.5	4.2	3.8	3.7	3.4	2.5
8	NLCM45,54	B	AGES 45 TO 54	-0.5	-0.2	-0.8	-1.8	-0.6	-0.3	0.0	-0.1	1.0	2.0	3.6
9	NLCM55,64	B	AGES 55 TO 64	0.8	3.2	0.6	-1.8	-1.4	-1.4	-1.9	-0.5	-0.8	-1.3	-1.1
10	NLCM65+	B	AGES 65 AND OVER	3.5	0.8	0.7	-1.2	-1.3	-1.1	-0.7	-0.3	-0.3	0.1	-0.2
11														
12	NLCM25,54	I	MALE, AGES 25 TO 54	2.0	2.6	2.1	1.2	2.1	2.2	2.2	2.0	2.1	2.1	2.0
13														
14	NLCF16+	B	FEMALE, TOTAL	4.7	2.7	2.8	3.3	2.2	2.1	1.9	1.8	1.7	1.8	1.8
15	NLCF16,19	B	AGES 16 TO 19	4.1	-0.9	-0.2	-0.4	-1.3	-5.4	-5.7	-0.7	-0.2	1.6	0.3
16	NLCF20,24	B	AGES 20 TO 24	4.7	2.9	2.0	2.9	0.3	0.4	0.1	-1.1	-2.4	-2.3	-2.1
17	NLCF25,34	B	AGES 25 TO 34	7.1	4.5	5.8	5.8	1.5	2.7	2.7	2.0	1.8	1.5	1.5
18	NLCF35,44	B	AGES 35 TO 44	6.8	4.4	3.9	5.5	8.6	6.9	6.1	5.0	4.7	4.3	3.6
19	NLCF45,54	B	AGES 45 TO 54	0.5	-0.7	-0.3	0.4	0.2	1.3	2.2	2.0	3.7	4.1	5.5
20	NLCF55,64	B	AGES 55 TO 64	2.5	4.5	2.3	1.7	1.5	1.6	-0.1	-0.1	-0.5	-1.0	-0.8
21	NLCF65+	B	AGES 65 AND OVER	5.6	1.9	3.4	1.8	1.9	2.5	2.6	2.1	1.8	2.1	2.6
22														
23	NLC	I	BOTH SEXES, TOTAL	3.0	2.4	2.0	1.5	1.4	1.4	1.3	1.2	1.3	1.3	1.2
24	NLC16,19	I	AGES 16 TO 19	2.6	-0.7	-0.6	-1.4	-2.2	-4.2	-4.7	-1.4	0.1	1.7	-0.6
25	NLC20,24	I	AGES 20 TO 24	3.2	2.1	1.5	1.1	-0.1	-0.2	-0.4	-1.5	-2.9	-3.0	-3.0
26	NLC25,34	I	AGES 25 TO 34	4.4	4.1	4.5	4.3	1.2	2.2	2.2	1.8	1.6	1.3	1.0
27	NLC35,44	I	AGES 35 TO 44	4.8	3.9	3.2	2.9	7.2	5.5	5.0	4.4	4.1	3.8	3.0
28	NLC45,54	I	AGES 45 TO 54	-0.1	-0.4	-0.6	-1.0	-0.3	0.4	0.9	0.8	2.1	2.9	4.4
29	NLC55,64	I	AGES 55 TO 64	1.5	3.7	1.3	-0.4	-0.2	-0.2	-1.2	-0.4	-0.6	-1.2	-1.0

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TABLE 14.50 UNEMPLOYMENT RATES (PERCENT)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NRUTM16+	I	MALE, TOTAL	5.20	5.35	6.01	5.69	5.49	5.43	5.39	5.18	4.93	4.77	4.71
2	NRUTM16,19	B	AGES 16 TO 19	15.50	15.89	16.95	16.12	15.59	15.73	15.94	15.75	15.56	15.60	15.80
3	NRUTM20,24	B	AGES 20 TO 24	9.09	9.31	10.66	10.28	9.96	9.94	9.95	9.63	9.21	8.95	8.89
4	NRUTM25,34	B	AGES 25 TO 34	4.21	4.40	5.18	4.85	4.71	4.66	4.64	4.45	4.22	4.05	4.00
5	NRUTM35,44	B	AGES 35 TO 34	2.68	3.04	3.50	3.31	3.24	3.22	3.22	3.09	2.91	2.79	2.76
6	NRUTM45,54	B	AGES 45 TO 54	2.79	2.89	3.23	3.09	3.05	3.04	3.05	2.92	2.75	2.62	2.60
7	NRUTM55,64	B	AGES 55 TO 64	2.79	2.98	3.34	3.12	3.10	3.14	3.20	3.14	3.05	3.00	3.06
8	NRUTM65+	B	AGES 65 AND OVER	4.59	4.68	5.08	4.72	4.57	4.57	4.59	4.48	4.35	4.29	4.31
9														
10	NRUTM25,54	I	MALE, AGES 25 TO 54	3.42	3.58	4.15	3.93	3.83	3.80	3.79	3.64	3.43	3.28	3.24
11														
12	NRUTF16+	I	FEMALE, TOTAL	7.23	7.35	7.84	7.29	6.87	6.71	6.58	6.33	6.07	5.91	5.81
13	NRUTF16,19	B	AGES 16 TO 19	17.10	17.02	17.57	16.48	15.64	15.64	15.71	15.46	15.28	15.33	15.42
14	NRUTF20,24	B	AGES 20 TO 24	10.29	10.41	11.13	10.37	9.71	9.50	9.34	8.94	8.54	8.26	8.07
15	NRUTF25,34	B	AGES 25 TO 34	6.76	6.92	7.47	6.95	6.59	6.49	6.42	6.19	5.94	5.77	5.68
16	NRUTF35,44	B	AGES 35 TO 44	5.01	5.17	5.59	5.21	4.99	4.94	4.92	4.76	4.58	4.47	4.44
17	NRUTF45,54	B	AGES 45 TO 54	4.12	4.33	4.74	4.43	4.25	4.21	4.19	4.05	3.89	3.79	3.75
18	NRUTF55,64	B	AGES 55 TO 64	3.17	3.50	3.89	3.65	3.52	3.49	3.47	3.35	3.20	3.10	3.06
19	NRUTF65+	B	AGES 65 AND OVER	3.94	4.15	4.47	4.16	3.91	3.84	3.79	3.64	3.48	3.38	3.32
20														
21	NRUT	I	BOTH SEXES, TOTAL	6.05	6.19	6.78	6.38	6.08	5.99	5.91	5.69	5.43	5.28	5.20
22	NRUT16,19	I	AGES 16 TO 19	16.25	16.42	17.24	16.29	15.62	15.69	15.83	15.61	15.43	15.47	15.62
23	NRUT20,24	I	AGES 20 TO 24	9.64	9.82	10.88	10.32	9.84	9.73	9.65	9.29	8.88	8.61	8.48
24	NRUT25,34	I	AGES 25 TO 34	5.25	5.43	6.13	5.74	5.50	5.44	5.40	5.19	4.95	4.79	4.72
25	NRUT35,44	I	AGES 35 TO 44	3.75	3.92	4.37	4.12	3.99	3.97	3.97	3.83	3.66	3.54	3.51
26	NRUT45,54	I	AGES 45 TO 54	3.32	3.46	3.83	3.63	3.53	3.52	3.52	3.40	3.24	3.13	3.10
27	NRUT55,64	I	AGES 55 TO 64	2.94	3.18	3.56	3.34	3.27	3.28	3.31	3.23	3.11	3.04	3.06
28	NRUT65+	I	AGES 65 AND OVER	4.35	4.49	4.85	4.50	4.31	4.27	4.26	4.13	3.99	3.91	3.88
29														
30			SCHOOL ENROLLMENT RATES											
31	NPSRM16,19	I	MALE, AGES 16 TO 19	0.6973	0.6937	0.6964	0.7020	0.7002	0.6989	0.7019	0.7012	0.7011	0.7032	0.7156
32	NPSRM16,17	I	MALE, AGES 16 TO 17	0.8950	0.8877	0.8902	0.8902	0.8889	0.8874	0.8860	0.8855	0.8866	0.8882	0.8892
33	NPSRM18,19	I	MALE, AGES 18 TO 19	0.4844	0.4838	0.4882	0.4866	0.4800	0.4814	0.4851	0.4917	0.5017	0.5102	0.5175
34	NPSRM20,24	I	MALE, AGES 20 TO 24	0.2599	0.2584	0.2600	0.2603	0.2614	0.2626	0.2631	0.2641	0.2666	0.2694	0.2722
35														
36	NPSRF16,19	I	FEMALE, AGES 16 TO 19	0.6614	0.6737	0.6817	0.6798	0.6715	0.6841	0.6984	0.6974	0.7023	0.7051	0.7094
37	NPSRF20,24	I	FEMALE, AGES 20 TO 24	0.2047	0.2140	0.2217	0.2255	0.2272	0.2299	0.2336	0.2374	0.2409	0.2448	0.2491
38														
39			SCHOOL ENROLLMENTS (MILLIONS)											
40	NPSM16,19	I	MALE, AGES 16 TO 19	5.631	5.618	5.576	5.392	5.186	4.999	4.837	4.785	4.832	4.936	4.888
41	NPSM16,17	B	MALE, AGES 16 TO 17	3.730	3.681	3.631	3.521	3.343	3.201	3.116	3.104	3.168	3.254	3.153
42	NPSM18,19	B	MALE, AGES 18 TO 19	1.900	1.937	1.945	1.870	1.843	1.799	1.721	1.681	1.664	1.682	1.736
43	NPSM20,24	B	MALE, AGES 20 TO 24	2.413	2.472	2.496	2.930	2.541	2.532	2.517	2.498	2.445	2.390	2.331
44														
45	NPSF16,19	B	FEMALE, AGES 16 TO 19	5.555	5.598	5.590	5.339	5.228	5.228	5.000	4.923	4.918	4.987	4.984
46	NPSF20,24	B	FEMALE, AGES 20 TO 24	2.127	2.248	2.320	2.357	2.377	2.402	2.423	2.422	2.389	2.357	2.323
47														
48			FERTILITY RATES (BIRTHS/THOUSAND)											
49	NPFR	E	TOTAL	1837.1	1854.	1871.	1917.	1944.	1962.	1978.	1994.	2008.	2021.	2035.
50	NPFR15,19	E	AGES 15 TO 19	55.1	55.	56.	56.	56.	55.	54.	53.	52.	51.	51.
51	NPFR20,24	E	AGES 20 TO 24	118.1	121.	124.	128.	131.	134.	136.	137.	138.	139.	140.

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TABLE 14.60 NUMBER OF UNEMPLOYED

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			NUMBER OF UNEMPLOYED											
2			(MILLIONS)											
3														
4	NUTM16+	I	MALE, TOTAL----------	3.042	3.199	3.647	3.459	3.364	3.359	3.361	3.257	3.129	3.055	3.035
5	NUTM16,19	B	AGES 16 TO 19------	0.783	0.798	0.844	0.784	0.736	0.719	0.700	0.677	0.671	0.684	0.684
6	NUTM20,24	B	AGES 20 TO 24------	0.729	0.757	0.875	0.840	0.810	0.802	0.795	0.754	0.697	0.652	0.623
7	NUTM25,34	B	AGES 25 TO 34------	0.644	0.697	0.851	0.823	0.806	0.814	0.824	0.804	0.774	0.751	0.747
8	NUTM35,44	B	AGES 35 TO 44------	0.317	0.346	0.409	0.391	0.406	0.422	0.439	0.438	0.428	0.423	0.429
9	NUTM45,54	B	AGES 45 TO 54------	0.283	0.292	0.324	0.304	0.298	0.297	0.297	0.285	0.271	0.263	0.270
10	NUTM55,64	B	AGES 55 TO 64------	0.198	0.218	0.246	0.226	0.221	0.221	0.221	0.216	0.208	0.202	0.203
11	NUTM65+	B	AGES 65 AND OVER---	0.088	0.090	0.098	0.090	0.086	0.085	0.085	0.083	0.080	0.079	0.080
12														
13	NUTM25,54	I	MALE, AGES 25 TO 54	1.244	1.336	1.584	1.518	1.510	1.534	1.561	1.527	1.472	1.437	1.445
14														
15	NUTF16+	I	FEMALE,TOTAL---------	3.025	3.160	3.464	3.329	3.203	3.195	3.196	3.128	3.049	3.023	3.028
16	NUTF16,19	B	AGES 16 TO 19------	0.760	0.749	0.772	0.721	0.676	0.639	0.606	0.592	0.584	0.596	0.601
17	NUTF20,24	B	AGES 20 TO 24------	0.706	0.735	0.803	0.769	0.723	0.710	0.698	0.662	0.617	0.581	0.557
18	NUTF25,34	B	AGES 25 TO 34------	0.713	0.763	0.870	0.858	0.825	0.835	0.848	0.833	0.814	0.803	0.803
19	NUTF35,44	B	AGES 35 TO 44------	0.382	0.412	0.464	0.456	0.473	0.502	0.530	0.538	0.543	0.551	0.568
20	NUTF45,54	B	AGES 45 TO 54------	0.278	0.289	0.316	0.296	0.285	0.286	0.291	0.287	0.286	0.289	0.301
21	NUTF55,64	B	AGES 55 TO 64------	0.142	0.164	0.186	0.178	0.174	0.175	0.174	0.168	0.159	0.153	0.150
22	NUTF65+	B	AGES 65 AND OVER---	0.044	0.048	0.053	0.050	0.048	0.048	0.049	0.048	0.047	0.046	0.047
23														
24	NUT	I	BOTH SEXES, TOTAL---	6.068	6.360	7.111	6.788	6.567	6.554	6.558	6.384	6.178	6.077	6.063
25	NUT16,19	I	AGES 16 TO 19------	1.543	1.548	1.616	1.505	1.412	1.358	1.306	1.269	1.255	1.280	1.285
26	NUT20,24	I	AGES 20 TO 24------	1.436	1.493	1.677	1.609	1.533	1.511	1.493	1.416	1.315	1.235	1.180
27	NUT25,34	I	AGES 25 TO 34------	1.357	1.460	1.721	1.681	1.631	1.648	1.673	1.638	1.587	1.554	1.550
28	NUT45,54	I	AGES 45 TO 54------	0.561	0.582	0.640	0.600	0.583	0.583	0.588	0.572	0.556	0.552	0.571
29	NUT55,64	I	AGES 55 TO 64------	0.340	0.382	0.432	0.404	0.395	0.396	0.395	0.383	0.367	0.355	0.353
30	NUT65+	I	AGES 65 AND OVER---	0.132	0.138	0.151	0.141	0.134	0.134	0.134	0.131	0.127	0.126	0.126

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TABLE 14.60 NUMBER OF UNEMPLOYED

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			NUMBER OF UNEMPLOYED											
2			(% CHANGE)											
3														
4	NUTM16+	I	MALE, TOTAL--------	-15.0	5.2	14.0	-5.2	-2.7	-0.1	0.1	-3.1	-3.9	-2.4	-0.6
5	NUTM16,19	B	AGES 16 TO 19-----	-9.2	1.9	5.7	-7.0	-6.2	-2.3	-2.6	-3.2	-0.9	1.9	-0.1
6	NUTM20,24	B	AGES 20 TO 24-----	-13.5	3.8	15.5	-4.0	-3.5	-1.1	-0.9	-5.1	-7.6	-6.4	-4.4
7	NUTM25,34	B	AGES 25 TO 34-----	-22.8	8.3	22.1	-3.3	-2.1	0.9	1.3	-2.4	-3.8	-2.9	-0.5
8	NUTM35,44	B	AGES 35 TO 34-----	-14.8	9.3	18.2	-4.4	3.9	3.9	4.1	-0.4	-2.2	-1.2	1.3
9	NUTM45,54	B	AGES 45 TO 54-----	-13.2	3.3	10.7	-6.2	-1.9	-0.5	0.2	-4.1	-5.0	-2.9	2.6
10	NUTM55,64	B	AGES 55 TO 64-----	-19.6	10.0	12.8	-8.0	-2.1	-0.2	-0.2	-2.4	-3.5	-2.8	0.6
11	NUTM65+	B	AGES 65 AND OVER--	-8.6	2.9	9.1	-8.1	-4.5	-1.1	-0.2	-2.7	-3.1	-1.4	0.3
12														
13	NUTM25,54	I	MALE, AGES 25 TO 54	-18.8	7.4	18.6	-4.2	-0.5	1.5	1.8	-2.2	-3.6	-2.4	0.6
14														
15	NUTF16+	I	FEMALE,TOTAL-------	-7.7	4.5	9.6	-3.9	-3.8	-0.3	0.0	-2.2	-2.5	-0.9	0.2
16	NUTF16,19	B	AGES 16 TO 19-----	-2.8	-1.3	3.0	-6.6	-6.3	-5.4	-5.2	-2.3	-1.3	2.0	0.9
17	NUTF20,24	B	AGES 20 TO 24-----	-3.8	4.1	9.1	-4.1	-6.1	-1.8	-1.6	-5.3	-6.8	-5.5	-4.5
18	NUTF25,34	B	AGES 25 TO 34-----	-6.0	6.9	14.1	-1.4	-3.9	1.2	1.6	-1.8	-2.3	-1.3	-0.1
19	NUTF35,44	B	AGES 35 TO 44-----	-7.8	7.8	12.6	-1.7	3.8	6.0	5.6	1.6	0.8	1.8	2.8
20	NUTF45,54	B	AGES 45 TO 54-----	-18.7	4.2	9.2	-6.2	-4.0	0.5	1.8	-1.4	-0.4	1.4	4.6
21	NUTF55,64	B	AGES 55 TO 64-----	-27.7	15.3	13.9	-4.6	-2.3	0.8	-0.5	-3.7	-4.9	-4.2	-1.9
22	NUTF65+	B	AGES 65 AND OVER--	-11.4	7.4	11.2	-5.2	-4.2	0.7	1.1	-1.9	-2.5	-0.8	0.6
23														
24	NUT	I	BOTH SEXES, TOTAL--	-11.5	4.8	11.8	-4.5	-3.2	-0.2	0.0	-2.6	-3.2	-1.6	-0.2
25	NUT16,19	I	AGES 16 TO 19-----	-6.1	0.3	4.4	-6.8	-6.2	-3.8	-3.9	-2.8	-1.1	1.9	0.4
26	NUT20,24	I	AGES 20 TO 24-----	-9.0	4.0	12.4	-4.1	-4.8	-1.4	-1.2	-5.2	-7.2	-6.0	-4.5
27	NUT25,34	I	AGES 25 TO 34-----	-14.7	7.6	17.9	-2.3	-3.0	1.1	1.5	-2.1	-3.1	-2.1	-0.3
28	NUT35,44	I	AGES 35 TO 44-----	-11.1	8.5	15.1	-2.9	3.8	5.0	4.9	0.7	-0.5	0.5	2.2
29	NUT45,54	I	AGES 45 TO 54-----	-16.0	3.7	10.0	-6.2	-2.9	-0.0	1.0	-2.8	-2.7	-0.7	3.6
30	NUT55,64	I	AGES 55 TO 64-----	-23.2	12.2	13.2	-6.6	-2.2	0.3	-0.3	-3.0	-4.1	-3.4	-0.5
31	NUT65+	I	AGES 65 AND OVER--	-9.6	4.4	9.8	-7.1	-4.4	-0.5	0.2	-2.4	-2.9	-1.2	0.4

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TABLE 14.70 CIVILIAN NONINSTITUTIONAL POPULATION

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			CIV NONINST POPULATION (MILLIONS)											
2	NPCNM16+	I	MALE, TOTAL	75,197	76,376	77,491	78,496	79,390	80,217	80,990	81,766	82,576	83,418	84,095
3	NPCNM16,19	I	AGES 16 TO 19	8,150	8,111	8,047	7,856	7,602	7,331	7,045	6,873	6,848	6,921	6,875
4	NPCNM16,17P2	I	AGES 16 TO 17	4,207	4,136	4,077	3,959	3,765	3,611	3,520	3,503	3,568	3,658	3,547
5	NPCNM18,19P2	I	AGES 18 TO 19	3,943	3,975	3,970	3,897	3,837	3,720	3,525	3,370	3,279	3,262	3,328
6	NPCNM20,24	I	AGES 20 TO 24	9,365	9,508	9,600	9,699	9,682	9,630	9,558	9,400	9,109	8,808	8,505
7	NPCNM25,34	I	AGES 25 TO 34	16,095	16,631	17,212	17,842	18,037	18,371	18,697	19,020	19,307	19,507	19,632
8	NPCNM25,29P2	I	AGES 25 TO 29	8,533	8,737	8,979	9,171	9,391	9,569	9,696	9,780	9,873	9,855	9,803
9	NPCNM30,34P2	I	AGES 30 TO 34	7,562	7,894	8,233	8,671	8,646	8,802	9,001	9,241	9,433	9,652	9,829
10	NPCNM35,44	I	AGES 35 TO 44	11,503	11,850	12,154	12,428	13,200	13,799	14,381	14,938	15,495	16,022	16,416
11	NPCNM35,39P2	I	AGES 35 TO 39	6,128	6,388	6,607	6,737	7,298	7,543	7,867	8,207	8,635	8,604	8,754
12	NPCNM40,44P2	I	AGES 40 TO 44	5,375	5,462	5,547	5,691	5,902	6,256	6,514	6,731	6,860	7,417	7,662
13	NPCNM45,54	I	AGES 45 TO 54	11,081	10,971	10,873	10,805	10,761	10,745	10,759	10,761	10,883	11,105	11,507
14	NPCNM45,49P2	I	AGES 45 TO 49	5,456	5,384	5,301	5,280	5,296	5,350	5,434	5,517	5,659	5,866	6,213
15	NPCNM50,54P2	I	AGES 50 TO 54	5,624	5,588	5,572	5,526	5,465	5,395	5,325	5,244	5,224	5,240	5,294
16	NPCNM55,64	I	AGES 55 TO 64	9,656	9,780	9,903	10,008	10,103	10,178	10,204	10,204	10,169	10,075	9,995
17	NPCNM55,59P2	I	AGES 55 TO 59	5,305	5,369	5,385	5,392	5,353	5,338	5,303	5,289	5,246	5,187	5,119
18	NPCNM60,64P2	I	AGES 60 TO 64	4,351	4,411	4,518	4,616	4,750	4,841	4,901	4,915	4,924	4,888	4,875
19	NPCNM65+	I	AGES 65 AND OVER	9,347	9,525	9,703	9,857	10,005	10,163	10,345	10,570	10,765	10,981	11,166
20	NPCNM65,69P2	I	AGES 65 TO 69	3,701	3,750	3,773	3,805	3,828	3,858	3,915	4,015	4,105	4,225	4,304
21	NPCNM70+P2	I	AGES 70 AND OVER	5,645	5,774	5,930	6,053	6,177	6,305	6,430	6,554	6,660	6,756	6,862
22	NPCNF16+	I	FEMALE, TOTAL	83,923	85,181	86,384	87,504	88,507	89,445	90,324	91,210	92,126	93,062	93,841
23	NPCNF16,19	I	AGES 16 TO 19	8,284	8,233	8,159	7,979	7,732	7,468	7,192	7,017	6,990	7,045	6,999
24	NPCNF16,17P2	I	AGES 16 TO 17	4,107	4,035	3,972	3,864	3,681	3,528	3,438	3,419	3,484	3,559	3,447
25	NPCNF18,19P2	I	AGES 18 TO 19	4,177	4,198	4,188	4,115	4,051	3,941	3,753	3,598	3,506	3,486	3,552
26	NPCNF20,24	I	AGES 20 TO 24	10,080	10,218	10,310	10,408	10,394	10,341	10,257	10,105	9,816	9,520	9,217
27	NPCNF25,34	I	AGES 25 TO 34	16,994	17,519	18,096	18,745	18,947	19,286	19,618	19,948	20,240	20,452	20,584
28	NPCNF25,29P2	I	AGES 25 TO 29	9,015	9,209	9,444	9,643	9,870	10,055	10,190	10,281	10,375	10,359	10,307
29	NPCNF30,34P2	I	AGES 30 TO 34	7,979	8,310	8,652	9,102	9,076	9,232	9,428	9,664	9,865	10,094	10,277
30	NPCNF35,44	I	AGES 35 TO 44	12,416	12,779	13,103	13,374	14,151	14,761	15,359	15,934	16,503	17,037	17,436
31	NPCNF35,39P2	I	AGES 35 TO 39	6,644	6,909	7,134	7,260	7,822	8,069	8,402	8,753	9,198	9,168	9,321
32	NPCNF40,44P2	I	AGES 40 TO 44	5,772	5,870	5,968	6,115	6,329	6,691	6,957	7,181	7,305	7,869	8,115
33	NPCNF45,54	I	AGES 45 TO 54	11,873	11,730	11,598	11,514	11,462	11,448	11,466	11,472	11,609	11,848	12,266
34	NPCNF45,49P2	I	AGES 45 TO 49	5,787	5,705	5,614	5,606	5,635	5,697	5,795	5,890	6,035	6,245	6,601
35	NPCNF50,54P2	I	AGES 50 TO 54	6,086	6,026	5,984	5,908	5,827	5,751	5,671	5,582	5,575	5,602	5,664
36	NPCNF55,64	I	AGES 55 TO 64	10,795	10,933	11,063	11,170	11,258	11,321	11,320	11,293	11,225	11,101	10,990
37	NPCNF55,59P2	I	AGES 55 TO 59	5,827	5,887	5,898	5,901	5,852	5,813	5,755	5,717	5,644	5,566	5,492
38	NPCNF60,64P2	I	AGES 60 TO 64	4,968	5,047	5,164	5,269	5,406	5,508	5,566	5,576	5,581	5,535	5,499
39	NPCNF65+	I	AGES 65 AND OVER	13,480	13,768	14,054	14,314	14,563	14,819	15,111	15,444	15,742	16,060	16,349
40	NPCNF65,69P2	I	AGES 65 TO 69	4,686	4,732	4,753	4,787	4,816	4,848	4,926	5,044	5,151	5,286	5,383
41	NPCNF70+P2	I	AGES 70 AND OVER	8,794	9,036	9,301	9,527	9,747	9,971	10,185	10,400	10,592	10,774	10,966
42														
43	NPCN16+	I	BOTH SEXES, TOTAL	159,120	161,556	163,875	166,001	167,897	169,662	171,313	172,976	174,702	176,480	177,936
44	NPCN16,19	I	AGES 16 TO 19	16,434	16,343	16,206	15,835	15,334	14,799	14,237	13,890	13,838	13,966	13,874
45	NPCN20,24	I	AGES 20 TO 24	19,445	19,726	19,911	20,107	20,076	19,971	19,815	19,505	18,924	18,327	17,722
46	NPCN25,34	I	AGES 25 TO 34	33,089	34,150	35,308	36,588	36,984	37,657	38,315	38,965	39,547	39,959	40,216
47	NPCN35,44	I	AGES 35 TO 44	23,920	24,629	25,256	25,802	27,352	28,560	29,740	30,872	31,998	33,058	33,852
48	NPCN45,54	I	AGES 45 TO 54	22,954	22,702	22,471	22,319	22,223	22,193	22,225	22,233	22,492	22,953	23,773
49	NPCN55,64	I	AGES 55 TO 64	20,451	20,713	20,966	21,178	21,361	21,500	21,524	21,497	21,394	21,176	20,985
50	NPCN65+	I	AGES 65 AND OVER	22,826	23,293	23,757	24,172	24,568	24,982	25,456	26,014	26,508	27,041	27,515

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TABLE 14.70 CIVILIAN NONINSTITUTIONAL POPULATION

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1		CIV NONINST POPULATION (% CHANGE)											
2	NPCNM16+	MALE, TOTAL	1.7	1.6	1.5	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.8
3	NPCNM16.19	AGES 16 TO 19	-0.2	-0.5	-0.8	-2.4	-3.2	-3.6	-3.9	-2.4	-0.4	1.1	-0.7
4	NPCNM16,17P2	AGES 16 TO 17	-0.2	-1.7	-1.4	-2.9	-4.9	-4.1	-2.5	-0.5	1.9	2.5	-3.1
5	NPCNM18.19P2	AGES 18 TO 19	-0.2	0.8	-0.1	-1.8	-1.5	-3.0	-5.2	-4.4	-2.7	-0.5	2.0
6	NPCNM20,24	AGES 20 TO 24	1.8	1.5	1.0	1.0	-0.2	-0.5	-0.7	-1.7	-3.1	-3.3	-3.4
7	NPCNM25.34	AGES 25 TO 34	3.1	3.3	3.5	3.7	1.1	1.9	1.8	1.7	1.5	1.0	0.6
8	NPCNM25,29P2	AGES 25 TO 29	1.9	2.4	2.8	2.1	2.4	1.9	1.3	0.9	1.0	-0.2	-0.5
9	NPCNM30,34P2	AGES 30 TO 34	3.3	4.4	4.3	5.3	-0.3	1.8	2.3	2.7	2.1	2.3	1.8
10	NPCNM35,44	AGES 35 TO 44	3.7	3.0	2.6	2.3	6.2	4.5	4.2	3.9	3.7	3.4	2.5
11	NPCNM35,39P2	AGES 35 TO 39	6.2	4.2	3.4	2.0	8.3	3.3	4.3	4.3	5.2	-0.4	1.7
12	NPCNM40,44P2	AGES 40 TO 44	1.0	1.6	1.6	2.6	3.7	6.0	4.1	3.3	1.9	8.1	3.3
13	NPCNM45,54	AGES 45 TO 54	-0.9	-1.0	-0.9	-0.6	-0.4	-0.1	0.1	0.0	1.1	2.0	3.6
14	NPCNM45,49P2	AGES 45 TO 49	-1.3	-1.3	-1.5	-0.4	0.3	1.0	1.6	1.5	2.6	3.7	5.9
15	NPCNM50,54P2	AGES 50 TO 54	-0.3	-0.6	-0.3	-0.8	-1.1	-1.3	-1.3	-1.5	-0.4	0.3	1.0
16	NPCNM55,64	AGES 55 TO 64	1.4	1.3	1.3	1.1	0.9	0.8	0.3	-0.0	-0.3	-0.9	-0.8
17	NPCNM55,59P2	AGES 55 TO 59	1.9	1.2	0.3	0.1	-0.7	-0.3	-0.6	-0.3	-0.8	-1.1	-1.3
18	NPCNM60,64P2	AGES 60 TO 64	0.8	1.4	2.4	2.2	2.9	1.9	1.2	0.3	0.2	-0.7	-0.3
19	NPCNM65+	AGES 65 AND OVER	1.6	1.9	1.9	1.6	1.5	1.6	1.8	2.2	1.9	2.0	1.7
20	NPCNM65,69P2	AGES 65 TO 69	1.4	1.3	0.6	0.8	0.6	0.8	1.5	2.6	2.2	2.9	1.9
21	NPCNM70+P2	AGES 70 AND OVER	2.3	2.3	2.7	2.1	2.0	2.1	2.0	1.9	1.6	1.4	1.6
22	NPCNF16+	FEMALE, TOTAL	1.8	1.5	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	0.8
23	NPCNF16.19	AGES 16 TO 19	-0.2	-0.6	-0.9	-2.2	-3.1	-3.4	-3.7	-2.4	-0.4	0.8	-0.6
24	NPCNF16,17P2	AGES 16 TO 17	-0.2	-1.7	-1.6	-2.7	-4.7	-4.2	-2.5	-0.5	1.9	2.1	-3.1
25	NPCNF18,19P2	AGES 18 TO 19	-0.2	0.5	-0.2	-1.7	-1.5	-2.7	-4.8	-4.1	-2.5	-0.6	1.9
26	NPCNF20,24	AGES 20 TO 24	2.2	1.4	0.9	0.9	-0.1	-0.5	-0.8	-1.5	-2.9	-3.0	-3.2
27	NPCNF25,34	AGES 25 TO 34	2.6	3.1	3.3	3.6	1.1	1.8	1.7	1.7	1.5	1.0	0.6
28	NPCNF25,29P2	AGES 25 TO 29	1.7	2.1	2.6	2.1	2.4	1.9	1.3	0.9	0.9	-0.2	-0.5
29	NPCNF30,34P2	AGES 30 TO 34	3.0	4.1	4.1	5.2	-0.3	1.7	2.1	2.5	2.1	2.3	1.8
30	NPCNF35,44	AGES 35 TO 44	3.4	2.9	2.5	2.1	5.8	4.3	4.1	3.7	3.6	3.2	2.3
31	NPCNF35,39P2	AGES 35 TO 39	5.8	4.0	3.3	1.8	7.8	3.2	4.1	4.2	5.1	-0.3	1.7
32	NPCNF40,44P2	AGES 40 TO 44	1.1	1.7	1.7	2.5	3.5	5.7	4.0	3.2	1.7	7.7	3.1
33	NPCNF45,54	AGES 45 TO 54	-1.1	-1.2	-1.1	-0.7	-0.4	-0.1	0.2	0.1	1.2	2.1	3.5
34	NPCNF45,49P2	AGES 45 TO 49	-1.3	-1.4	-1.6	-0.1	0.5	1.1	1.7	1.6	2.4	3.5	5.7
35	NPCNF50,54P2	AGES 50 TO 54	-0.7	-1.0	-0.7	-1.3	-1.4	-1.3	-1.4	-1.6	-0.1	0.5	1.1
36	NPCNF55,64	AGES 55 TO 64	1.4	1.3	1.2	1.0	0.8	0.6	-0.0	-0.2	-0.6	-1.1	-1.0
37	NPCNF55,59P2	AGES 55 TO 59	1.8	1.0	0.2	0.1	-0.8	-0.7	-1.0	-0.7	-1.3	-1.4	-1.3
38	NPCNF60,64P2	AGES 60 TO 64	0.7	1.6	2.3	2.0	2.6	1.9	1.0	0.2	0.1	-0.8	-0.7
39	NPCNF65+	AGES 65 AND OVER	3.1	2.1	2.1	1.9	1.7	1.8	2.0	2.2	1.9	2.0	1.8
40	NPCNF65,69P2	AGES 65 TO 69	1.4	1.0	0.4	0.7	0.6	0.7	1.6	2.4	2.1	2.6	1.8
41	NPCNF70+P2	AGES 70 AND OVER	2.8	2.8	2.9	2.4	2.3	2.3	2.2	2.1	1.8	1.7	1.8
42													
43	NPCN16+	BOTH SEXES, TOTAL	1.7	1.5	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	0.8
44	NPCN16.19	AGES 16 TO 19	-0.2	-0.6	-0.8	-2.3	-3.2	-3.5	-3.8	-2.4	-0.4	0.9	-0.7
45	NPCN20,24	AGES 20 TO 24	2.0	1.4	0.9	1.0	-0.2	-0.5	-0.8	-1.6	-3.0	-3.2	-3.3
46	NPCN25,34	AGES 25 TO 34	2.9	3.2	3.4	3.6	1.1	1.8	1.7	1.7	1.5	1.0	0.6
47	NPCN35,44	AGES 35 TO 44	3.5	3.0	2.5	2.2	6.0	4.4	4.1	3.8	3.6	3.3	2.4
48	NPCN45,54	AGES 45 TO 54	-1.0	-1.1	-1.0	-0.7	-0.4	-0.1	0.1	0.0	1.2	2.1	3.6
49	NPCN55,64	AGES 55 TO 64	1.4	1.3	1.2	1.0	0.9	0.7	0.1	-0.1	-0.5	-1.0	-0.9
50	NPCN65+	AGES 65 AND OVER	2.5	2.0	2.0	1.7	1.6	1.7	1.9	2.2	1.9	2.0	1.8

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TABLE 15.10 MANHOURS (BILLIONS)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NMLTIMG	B	MINING	1.951	1.97	1.93	1.91	1.91	1.92	1.92	1.94	1.97	1.99	2.01
2														
3	NMLTIMF	I	MANUFACTURING	42.471	43.36	43.52	43.74	44.19	44.40	44.42	44.82	45.19	45.36	45.25
4														
5	NMLTIMFD	I	DURABLE GOODS	25.701	26.46	26.64	26.90	27.34	27.56	27.60	27.98	28.31	28.45	28.35
6														
7	NMLTIMFD24	B	LUMBER	1.381	1.39	1.39	1.41	1.44	1.46	1.48	1.50	1.52	1.55	1.57
8	NMLTIMFD25	B	FURNITURE	1.091	1.13	1.15	1.15	1.17	1.18	1.19	1.21	1.22	1.24	1.24
9	NMLTIMFD32	B	STONE, CLAY AND GLASS	1.501	1.57	1.61	1.61	1.61	1.61	1.61	1.64	1.67	1.68	1.69
10	NMLTIMFD33	B	PRIMARY METALS	2.681	2.74	2.74	2.77	2.83	2.86	2.83	2.85	2.85	2.81	2.74
11	NMLTIMFD34	B	FABRICATED METAL PRODUCTS	3.251	3.32	3.36	3.40	3.47	3.51	3.51	3.56	3.61	3.63	3.61
12	NMLTIMFD35	B	NONELECTRICAL MACHINERY	4.951	5.04	5.13	5.22	5.35	5.43	5.47	5.60	5.71	5.79	5.78
13	NMLTIMFD36	B	ELECTRICAL MACHINERY	4.291	4.48	4.47	4.48	4.51	4.52	4.52	4.55	4.57	4.58	4.56
14	NMLTIMFD371	B	MOTOR VEHICLES	2.121	2.15	2.14	2.16	2.17	2.17	2.17	2.18	2.19	2.18	2.15
15	NMLTIMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	3.281	3.44	3.42	3.46	3.51	3.53	3.53	3.58	3.62	3.65	3.65
16	NMLTIMFD38	B	INSTRUMENTS	1.161	1.22	1.23	1.24	1.26	1.28	1.29	1.31	1.33	1.35	1.36
17														
18	NMLTIMFN	I	NONDURABLE GOODS	16.771	16.89	16.88	16.84	16.85	16.84	16.82	16.84	16.88	16.91	16.90
19														
20	NMLTIMFN20	B	FOOD AND BEVERAGES	3.621	3.56	3.49	3.42	3.35	3.28	3.21	3.17	3.14	3.12	3.11
21	NMLTIMFN21	B	TOBACCO	0.141	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12
22	NMLTIMFN22	B	TEXTILES	2.041	2.03	2.01	2.01	2.03	2.05	2.05	2.07	2.08	2.09	2.08
23	NMLTIMFN23	B	APPAREL	2.401	2.44	2.43	2.43	2.43	2.42	2.40	2.39	2.37	2.34	2.31
24	NMLTIMFN26	B	PAPER	1.571	1.60	1.61	1.63	1.65	1.67	1.68	1.69	1.69	1.70	1.70
25	NMLTIMFN27	B	PRINTING AND PUBLISHING	2.221	2.29	2.32	2.34	2.36	2.39	2.42	2.46	2.50	2.54	2.57
26	NMLTIMFN28	B	CHEMICALS	2.321	2.33	2.34	2.30	2.29	2.28	2.28	2.29	2.30	2.31	2.31
27	NMLTIMFN29	B	PETROLEUM	0.461	0.48	0.48	0.48	0.47	0.47	0.46	0.45	0.45	0.44	0.43
28	NMLTIMFN30	B	RUBBER	1.461	1.49	1.52	1.54	1.58	1.61	1.64	1.67	1.70	1.73	1.75
29	NMLTIMFN31	B	LEATHER	0.521	0.53	0.55	0.55	0.55	0.55	0.54	0.53	0.53	0.53	0.52

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TABLE 15.20 MANHOURS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NMLTTMG	B	MINING	2.1	1.4	-2.3	-1.0	0.3	0.5	0.0	1.0	1.4	1.3	0.6
2														
3	NMLTTMF	I	MANUFACTURING	3.6	2.1	0.4	0.5	1.0	0.5	0.0	0.9	0.8	0.4	-0.2
4														
5	NMLTTMFD	I	DURABLE GOODS	5.3	3.0	0.7	1.0	1.6	0.8	0.2	1.4	1.2	0.5	-0.3
6														
7	NMLTTMFD24	B	LUMBER	3.3	0.5	-0.0	1.5	2.1	1.7	1.2	1.0	1.5	1.7	1.5
8	NMLTTMFD25	B	FURNITURE	5.9	3.6	1.9	0.3	1.6	0.7	0.7	2.1	0.6	1.3	0.5
9	NMLTTMFD32	B	STONE, CLAY AND GLASS	6.7	4.5	2.7	-0.1	0.4	0.1	-0.1	1.5	1.8	1.1	0.1
10	NMLTTMFD33	B	PRIMARY METALS	4.2	2.1	0.0	1.0	2.5	1.0	-1.1	0.6	0.1	-1.2	-2.6
11	NMLTTMFD34	B	FABRICATED METAL PRODUCTS	5.2	2.3	1.0	1.4	2.1	1.0	0.1	1.5	1.3	0.5	-0.4
12	NMLTTMFD35	B	NONELECTRICAL MACHINERY	4.7	1.8	1.8	1.7	2.4	1.6	0.7	2.4	2.2	1.1	-0.2
13	NMLTTMFD36	B	ELECTRICAL MACHINERY	6.0	4.4	-0.1	0.1	0.7	0.3	-0.1	0.7	0.5	0.1	-0.4
14	NMLTTMFD371	B	MOTOR VEHICLES	3.6	1.5	-0.2	0.8	0.5	0.0	-0.3	0.8	0.3	-0.6	-1.3
15	NMLTTMFD37SP2	B	NONAUTO TRANS.EQ.+ ORD + MISC	6.3	4.6	-0.6	1.2	1.5	0.5	0.1	1.3	1.2	0.7	0.1
16	NMLTTMFD38	B	INSTRUMENTS	4.9	4.7	1.1	1.2	1.7	1.2	0.8	1.7	1.6	1.2	0.7
17														
18	NMLTTMFN	I	NONDURABLE GOODS	1.4	0.8	-0.1	-0.2	0.0	-0.1	-0.1	0.1	0.2	0.2	-0.1
19														
20	NMLTTMFN20	B	FOOD AND BEVERAGES	1.4	-1.6	-1.9	-2.2	-2.0	-2.1	-2.0	-1.5	-1.0	-0.6	-0.3
21	NMLTTMFN21	B	TOBACCO	0.1	-1.3	-1.5	-1.4	-1.2	-1.1	-1.0	-0.7	-1.1	-1.2	-1.3
22	NMLTTMFN22	B	TEXTILES	-0.9	-0.6	-1.1	0.2	0.9	0.7	0.4	0.7	0.6	0.4	-0.4
23	NMLTTMFN23	B	APPAREL	1.3	1.5	-0.3	-0.0	-0.0	-0.3	-0.8	-0.7	-0.8	-1.0	-1.2
24	NMLTTMFN26	B	PAPER	1.0	1.6	0.8	1.2	1.3	1.1	0.5	0.6	0.5	0.3	-0.1
25	NMLTTMFN27	B	PRINTING AND PUBLISHING	1.9	3.1	1.2	1.0	0.9	1.1	1.2	1.5	1.6	1.6	1.4
26	NMLTTMFN28	B	CHEMICALS	1.2	0.6	0.2	-1.4	-0.7	-0.5	0.2	0.4	0.5	0.3	0.0
27	NMLTTMFN29	B	PETROLEUM	-0.5	2.6	1.0	-0.8	-0.9	-1.2	-1.5	-1.6	-1.7	-1.9	-2.1
28	NMLTTMFN30	B	RUBBER	1.6	2.0	1.7	1.7	2.4	2.0	1.5	2.1	2.0	1.6	1.0
29	NMLTTMFN31	B	LEATHER	2.8	2.2	2.8	0.4	-0.2	-0.7	-1.1	-0.9	-0.9	-0.9	-1.0

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TABLE 16.10 REAL OUTPUT PER MANHOUR (1972 $ / MANHOUR)

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XMGMH	MINING	10.7	10.9	11.4	12.0	12.5	12.9	13.2	13.6	14.0	14.2	14.5
2													
3	XMFMH	MANUFACTURING	8.1	8.2	8.4	8.7	8.9	9.2	9.4	9.7	10.0	10.2	10.5
4													
5	XMFDMH	DURABLE GOODS	7.9	8.0	8.2	8.4	8.7	8.9	9.1	9.3	9.6	9.8	10.0
6													
7	XMFD24MH	LUMBER	7.2	7.5	7.8	8.0	8.3	8.4	8.5	8.8	9.1	9.4	9.6
8	XMFD25MH	FURNITURE	4.8	4.8	4.9	5.0	5.2	5.3	5.4	5.6	5.8	5.9	5.9
9	XMFD32MH	STONE, CLAY AND GLASS	7.2	7.2	7.2	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.6
10	XMFD33MH	PRIMARY METALS	7.8	8.0	8.1	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8
11	XMFD34MH	FABRICATED METAL PRODUCTS	6.5	6.6	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.6	7.7
12	XMFD35MH	NONELECTRICAL MACHINERY	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.1	9.3	9.5
13	XMFD36MH	ELECTRICAL MACHINERY	7.6	7.8	7.8	8.2	8.5	8.8	9.1	9.5	9.8	10.2	10.5
14	XMFD371MH	MOTOR VEHICLES	16.4	16.5	17.0	17.7	18.5	19.2	19.8	20.6	21.4	22.3	23.0
15	XMFD37SP2MH	NONAUTO TRAN EQ & ORD & MISC MFD	6.5	6.6	6.7	6.9	7.1	7.2	7.3	7.5	7.7	7.9	8.0
16	XMFD38MH	INSTRUMENTS	7.9	7.9	8.0	8.3	8.6	8.8	9.0	9.3	9.5	9.7	9.9
17													
18	XMFNMH	NONDURABLE GOODS	8.3	8.5	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9	11.2
19													
20	XMFN20MH	FOOD AND BEVERAGES	9.0	9.4	9.6	10.1	10.6	11.0	11.5	11.9	12.3	12.6	12.9
21	XMFN21MH	TOBACCO	35.2	36.4	37.6	39.3	41.1	42.9	44.6	46.9	49.6	52.3	54.8
22	XMFN22MH	TEXTILES	4.9	5.1	5.2	5.4	5.6	5.7	5.9	6.1	6.2	6.3	6.5
23	XMFN23MH	APPAREL	5.2	5.3	5.5	5.7	5.9	6.1	6.3	6.6	6.9	7.2	7.5
24	XMFN26MH	PAPER	8.1	8.4	8.5	8.8	9.1	9.4	9.6	9.9	10.3	10.6	10.9
25	XMFN27MH	PRINTING AND PUBLISHING	7.6	7.7	8.0	8.2	8.4	8.5	8.6	8.8	8.9	9.1	9.2
26	XMFN28MH	CHEMICALS	11.7	12.0	12.3	13.0	13.7	14.3	14.7	15.3	15.9	16.5	17.0
27	XMFN29MH	PETROLEUM	19.4	19.6	20.1	20.8	21.7	22.5	23.3	24.5	25.7	26.9	28.1
28	XMFN30MH	RUBBER	7.3	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.8	9.0
29	XMFN31MH	LEATHER	4.6	4.8	4.8	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8

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TABLE 16.20 REAL OUTPUT PER MANHOUR, % CHANGE

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XMGMH	MINING	2.7	2.1	4.5	5.0	4.3	2.9	2.5	3.2	2.4	2.1	2.1
2													
3	XMFMH	MANUFACTURING	2.5	2.1	1.9	3.2	3.4	2.6	2.4	3.1	2.8	2.5	2.4
4													
5	XMFDMH	DURABLE GOODS	1.2	1.7	1.6	2.9	3.1	2.3	2.2	2.9	2.6	2.3	2.2
6													
7	XMFD24MH	LUMBER	4.5	3.5	3.8	3.1	3.5	1.8	1.1	2.6	4.1	2.9	2.3
8	XMFD25MH	FURNITURE	-0.1	0.4	1.6	2.4	3.1	2.4	2.5	3.1	3.6	1.5	1.1
9	XMFD32MH	STONE, CLAY AND GLASS	-2.5	0.2	-0.4	1.4	2.7	2.4	2.4	3.0	2.0	1.6	1.7
10	XMFD33MH	PRIMARY METALS	-0.8	2.5	1.7	1.9	1.7	0.7	0.3	1.5	0.9	0.5	0.9
11	XMFD34MH	FABRICATED METAL PRODUCTS	-0.7	2.2	1.2	2.0	2.1	1.5	1.6	2.2	1.7	1.5	1.5
12	XMFD35MH	NONELECTRICAL MACHINERY	2.9	3.1	1.8	3.0	3.0	1.9	2.0	2.2	1.8	1.8	1.9
13	XMFD36MH	ELECTRICAL MACHINERY	2.3	2.1	0.8	4.0	4.0	3.6	3.5	3.9	3.7	3.5	3.4
14	XMFD371MH	MOTOR VEHICLES	5.0	0.2	3.3	3.9	4.9	3.5	3.1	4.3	4.0	3.8	3.3
15	XMFD37SP2MH	NONAUTO TRAN EQ + ORD & MISC MFD	-1.3	1.9	1.3	2.6	2.4	1.9	2.0	2.6	2.3	2.1	2.0
16	XMFD38MH	INSTRUMENTS	-0.0	0.8	1.5	3.0	3.2	2.6	2.4	3.0	2.6	2.3	2.0
17													
18	XMFNMH	NONDURABLE GOODS	4.3	2.7	2.3	3.7	3.8	3.2	2.8	3.5	3.2	2.9	2.7
19													
20	XMFN20MH	FOOD AND BEVERAGES	3.3	4.2	1.9	5.0	4.9	4.5	4.0	3.9	3.2	2.7	2.1
21	XMFN21MH	TOBACCO	3.2	3.6	3.1	4.6	4.8	4.2	3.9	5.2	5.7	5.4	4.8
22	XMFN23MH	APPAREL	7.9	1.9	2.9	3.8	3.7	3.3	3.7	4.5	4.4	4.3	4.2
23	XMFN22MH	TEXTILES	5.5	4.1	2.7	3.7	3.3	2.5	2.2	3.0	2.6	2.3	2.6
24	XMFN26MH	PAPER	6.3	2.8	1.9	3.1	3.6	2.9	2.4	3.7	3.5	3.1	2.9
25	XMFN27MH	PRINTING AND PUBLISHING	5.1	1.9	3.5	2.0	2.4	1.6	1.4	2.0	1.7	1.5	1.2
26	XMFN28MH	CHEMICALS	5.3	2.7	2.8	5.3	5.3	4.4	3.1	4.2	3.9	3.5	3.3
27	XMFN29MH	PETROLEUM	4.0	1.2	2.1	3.9	4.2	3.6	3.6	5.0	5.0	4.8	4.4
28	XMFN30MH	RUBBER	1.5	1.3	2.0	3.0	2.6	1.7	1.6	2.5	2.1	1.9	1.7
29	XMFN31MH	LEATHER	3.7	3.3	-0.2	1.8	2.2	2.4	2.6	3.1	3.0	2.9	2.9

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TABLE 17.10 AVERAGE WEEKLY HOURS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NHNPMG	B	MINING	43.38	42.72	42.95	43.27	43.68	43.97	44.08	44.22	44.29	44.26	44.06
2														
3	NHNPMF	I	MANUFACTURING	40.30	40.29	40.14	40.11	40.19	40.20	40.20	40.29	40.35	40.35	40.29
4														
5	NHNPMFD	I	DURABLE GOODS	40.92	40.91	40.74	40.71	40.79	40.77	40.72	40.81	40.85	40.81	40.71
6														
7	NHNPMFD24	B	LUMBER	39.87	39.78	39.91	39.90	39.91	39.87	39.77	39.65	39.57	39.49	39.39
8	NHNPMFD25	B	FURNITURE	39.24	39.79	40.04	39.98	40.10	40.08	40.10	40.24	40.23	40.23	40.10
9	NHNPMFD32	B	STONE, CLAY AND GLASS	41.64	41.74	42.17	42.18	42.21	42.17	42.11	42.20	42.26	42.19	42.03
10	NHNPMFD33	B	PRIMARY METALS	41.17	41.24	41.23	41.33	41.60	41.63	41.48	41.66	41.75	41.71	41.45
11	NHNPMFD34	B	FABRICATED METAL PRODUCTS	40.80	40.58	40.32	40.28	40.37	40.35	40.29	40.42	40.49	40.48	40.42
12	NHNPMFD35	B	NONELECTRICAL MACHINERY	41.60	41.20	41.08	41.11	41.29	41.28	41.20	41.35	41.39	41.29	41.13
13	NHNPMFD36	B	ELECTRICAL MACHINERY	40.35	40.47	40.14	40.05	40.04	40.00	39.95	39.96	39.94	39.90	39.84
14	NHNPMFD371	B	MOTOR VEHICLES	42.19	41.78	41.29	41.01	40.90	40.84	40.83	40.96	41.03	41.04	41.02
15	NHNPMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	40.83	41.11	40.76	40.76	40.80	40.79	40.79	40.87	40.91	40.92	40.92
16	NHNPMFD38	B	INSTRUMENTS	40.35	40.73	40.52	40.50	40.56	40.56	40.56	40.66	40.70	40.70	40.67
17														
18	NHNPMFN	I	NONDURABLE GOODS	39.36	39.37	39.23	39.18	39.24	39.30	39.37	39.46	39.53	39.59	39.60
19														
20	NHNPMFN20	B	FOOD AND BEVERAGES	39.91	39.85	39.56	39.19	39.09	39.05	38.98	38.89	38.80	38.76	38.78
21	NHNPMFN21	B	TOBACCO	38.09	37.72	37.22	36.92	36.78	36.75	36.79	36.92	36.90	36.85	36.81
22	NHNPMFN22	B	TEXTILES	39.51	39.05	38.81	38.88	39.08	39.23	39.34	39.50	39.66	39.78	39.65
23	NHNPMFN23	B	APPAREL	35.43	35.70	35.55	35.57	35.67	35.79	35.84	35.90	35.96	36.01	36.06
24	NHNPMFN26	B	PAPER	42.34	42.26	42.19	42.35	42.55	42.73	42.86	43.02	43.19	43.35	43.48
25	NHNPMFN27	B	PRINTING AND PUBLISHING	38.01	38.41	38.43	38.47	38.55	38.64	38.71	38.80	38.88	38.94	38.94
26	NHNPMFN28	B	CHEMICALS	41.74	41.73	41.67	41.60	41.60	41.59	41.86	42.07	42.22	42.30	42.31
27	NHNPMFN29	B	PETROLEUM	42.31	42.19	41.90	41.76	41.65	41.56	41.49	41.43	41.40	41.38	41.37
28	NHNPMFN30	B	RUBBER	40.86	40.96	40.80	40.80	40.91	40.96	40.96	41.04	41.11	41.13	41.09
29	NHNPMFN31	B	LEATHER	36.72	36.45	36.76	36.84	36.87	36.86	36.83	36.86	36.91	36.96	37.02

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TABLE 17.20 AVERAGE WEEKLY HOURS, % CHANGE

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NHNPMG	B	MINING	-1.6	-1.5	0.5	0.8	0.9	0.7	0.2	0.3	0.2	-0.1	-0.5
2														
3	NHNPMF	I	MANUFACTURING	-0.0	-0.0	-0.4	-0.1	0.2	0.0	-0.0	0.2	0.1	-0.0	-0.1
4														
5	NHNPMFD	I	DURABLE GOODS	0.1	-0.1	-0.4	-0.1	0.2	-0.1	-0.1	0.2	0.1	-0.1	-0.2
6														
7	NHNPMFD24	B	LUMBER	-0.6	-0.2	0.3	-0.0	0.0	-0.1	-0.2	-0.3	-0.2	-0.2	-0.3
8	NHNPMFD25	B	FURNITURE	1.1	1.4	0.6	-0.2	0.3	-0.1	0.1	0.4	-0.0	0.0	-0.3
9	NHNPMFD32	B	STONE, CLAY AND GLASS	0.6	0.2	1.0	0.0	0.1	-0.1	-0.2	0.2	0.1	-0.2	-0.4
10	NHNPMFD33	B	PRIMARY METALS	0.2	0.2	-0.0	0.2	0.7	0.1	-0.4	0.4	0.2	-0.1	-0.6
11	NHNPMFD34	B	FABRICATED METAL PRODUCTS	-0.2	-0.6	-0.6	-0.1	0.2	-0.1	-0.1	0.3	0.2	-0.0	-0.2
12	NHNPMFD35	B	NONELECTRICAL MACHINERY	-0.0	-1.0	-0.3	0.1	0.4	-0.0	-0.2	0.3	0.1	-0.2	-0.4
13	NHNPMFD36	B	ELECTRICAL MACHINERY	0.4	0.3	-0.8	-0.2	-0.0	-0.1	-0.1	0.0	-0.0	-0.1	-0.1
14	NHNPMFD371	B	MOTOR VEHICLES	-4.3	-1.0	-1.2	-0.7	-0.3	-0.1	-0.0	0.3	0.2	0.0	-0.0
15	NHNPMFD37SP2	B	NONAUTO TRAN EQUIP & ORD & MISC	1.8	0.7	-0.8	0.0	0.1	-0.0	-0.0	0.2	0.1	0.0	-0.0
16	NHNPMFD38	B	INSTRUMENTS	-0.1	1.0	-0.5	-0.1	0.2	0.0	-0.0	0.2	0.1	-0.0	-0.1
17														
18	NHNPMFN	I	NONDURABLE GOODS	-0.1	0.0	-0.3	-0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.0
19														
20	NHNPMFN20	B	FOOD AND BEVERAGES	0.0	-0.1	-0.7	-0.9	-0.3	-0.1	-0.2	-0.2	-0.2	-0.1	0.0
21	NHNPMFN21	B	TOBACCO	-0.5	-1.0	-1.3	-0.8	-0.4	-0.1	0.1	0.4	-0.1	-0.1	-0.1
22	NHNPMFN22	B	TEXTILES	-2.2	-1.2	-0.6	0.2	0.5	0.4	0.3	0.4	0.4	0.3	-0.3
23	NHNPMFN23	B	APPAREL	0.1	0.8	-0.4	0.1	0.3	0.3	0.1	0.2	0.2	0.1	0.1
24	NHNPMFN26	B	PAPER	-1.1	-0.2	-0.2	0.4	0.5	0.4	0.3	0.4	0.4	0.4	0.3
25	NHNPMFN27	B	PRINTING AND PUBLISHING	0.6	1.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.0
26	NHNPMFN28	B	CHEMICALS	0.1	-0.0	-0.1	-0.2	-0.0	-0.0	0.6	0.5	0.4	0.2	0.0
27	NHNPMFN29	B	PETROLEUM	-1.4	-0.3	-0.7	-0.3	-0.3	-0.2	-0.2	-0.1	-0.1	-0.0	-0.0
28	NHNPMFN30	B	RUBBER	-0.3	0.2	-0.4	0.0	0.3	0.1	0.0	0.2	0.2	0.0	-0.1
29	NHNPMFN31	B	LEATHER	-0.8	-0.7	0.9	0.2	0.1	-0.0	-0.1	0.1	0.1	0.2	0.2

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TABLE 18.10 CAPITAL STOCK (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	KIAAG	I	FARM	45.531	46.62	47.04	48.15	50.39	53.14	56.42	59.65	62.91	66.08	69.07
2														
3	KIAMG	I	MINING	21.621	22.34	23.19	24.28	25.59	26.96	28.27	29.62	31.13	32.96	34.99
4														
5			DURABLE GOODS											
6														
7	KIAMFD24	I	LUMBER	10.641	11.01	11.34	11.72	12.16	12.67	13.21	13.80	14.43	15.12	15.86
8	KIAMFD25	I	FURNITURE	1.831	1.86	1.89	1.93	1.97	2.00	2.04	2.09	2.14	2.20	2.25
9	KIAMFD32	I	STONE, CLAY AND GLASS	17.541	18.03	18.57	19.14	19.90	20.74	21.67	22.35	23.14	23.97	24.85
10	KIAMFD33	I	PRIMARY METALS	36.851	37.95	39.15	40.51	41.85	43.17	44.45	45.83	47.29	48.68	49.92
11	KIAMFD34	I	FABRICATED METAL PRODUCTS	19.301	19.94	20.54	21.20	21.87	22.56	23.27	23.98	24.70	25.41	26.13
12	KIAMFD35	I	NONELECTRICAL MACHINERY	44.391	46.52	48.69	50.95	53.34	55.79	58.25	60.84	63.60	66.48	69.41
13	KIAMFD36	I	ELECTRICAL MACHINERY	27.411	28.41	29.41	30.58	31.86	33.16	34.47	35.78	37.19	38.69	40.26
14	KIAMFD371	I	MOTOR VEHICLES	18.841	20.15	21.58	22.97	24.15	24.98	25.70	26.59	27.67	28.76	29.68
15	KIAMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	9.551	9.76	9.99	10.28	10.63	11.01	11.39	11.80	12.25	12.75	13.28
16	KIAMFD38	I	INSTRUMENTS	9.091	9.46	9.85	10.26	10.72	11.21	11.70	12.23	12.81	13.41	14.01
17														
18			NONDURABLE GOODS											
19														
20	KIAMFN20	I	FOOD AND BEVERAGES	27.731	28.26	28.78	29.32	29.75	30.12	30.54	31.14	31.95	32.95	34.16
21	KIAMFN21	I	TOBACCO	1.461	1.50	1.54	1.58	1.63	1.68	1.74	1.80	1.87	1.94	2.02
22	KIAMFN22	I	TEXTILES	7.341	7.36	7.40	7.48	7.62	7.78	7.96	8.14	8.34	8.54	8.73
23	KIAMFN23	I	APPAREL	2.061	2.08	2.11	2.16	2.21	2.27	2.34	2.42	2.51	2.62	2.75
24	KIAMFN26	I	PAPER	24.821	26.17	27.53	28.90	30.36	31.94	33.61	35.32	37.18	39.15	41.21
25	KIAMFN27	I	PRINTING AND PUBLISHING	7.541	7.58	7.64	7.71	7.81	7.93	8.07	8.26	8.50	8.77	9.07
26	KIAMFN28	I	CHEMICALS	40.291	41.54	42.89	44.43	46.13	48.11	50.32	52.62	55.05	57.76	60.56
27	KIAMFN29	I	PETROLEUM	96.761	101.05	104.78	108.54	112.62	116.95	121.34	125.68	129.93	134.08	138.20
28	KIAMFN30	I	RUBBER	13.861	14.35	14.87	15.42	16.14	16.90	17.71	18.58	19.55	20.59	21.66
29	KIAMFN31	I	LEATHER	1.651	1.68	1.71	1.74	1.77	1.81	1.85	1.89	1.93	1.97	2.00
30														
31	KIARGT	I	TRANSPORTATION	60.131	59.98	59.74	59.73	59.66	59.55	59.59	59.90	60.55	61.60	63.01
32														
33	KIARGU49	I	UTILITIES	209.531	219.44	229.69	240.19	251.02	262.35	274.16	286.54	299.56	313.21	327.49
34														
35	KIARGC48	I	COMMUNICATIONS	113.421	117.69	122.57	128.04	133.93	140.25	146.86	153.71	160.95	168.66	176.80
36														
37	KIACO	I	COMMERCIAL AND OTHER	417.831	436.46	450.68	465.14	480.43	496.05	512.10	529.58	547.96	566.96	586.12
38	KIACM	I	COMMERCIAL	196.251	197.47	199.12	201.40	204.42	208.11	212.48	217.68	223.66	230.26	237.31
39														
40	KWGNP	I	STOCK OF REAL WEALTH	1276.41	1321.6	1364.4	1401.3	1441.6	1486.1	1530.6	1574.2	1624.5	1677.2	1729.1
41														
42	KCEDA	I	STOCK OF AUTOS	156.01	159.7	162.4	166.8	172.2	177.2	181.2	186.1	191.7	197.4	201.9
43														
44	KIBFRN	I	STOCK OF NONFARM RESID. STRUCTURES	717.31	730.7	740.1	752.9	771.2	789.9	808.0	831.4	857.1	880.9	900.1
45														
46	KIBIN	I	TOTAL NONFARM INVENTORIES	278.851	285.65	290.34	298.94	310.71	324.10	338.12	354.28	371.85	389.90	407.43
47	KIBITDAV	B	STOCK OF AUTO DEALER INVENTORIES	9.711	9.85	9.80	9.97	10.08	10.45	10.97	11.54	12.05	12.58	13.16
48	KIBINMF	B	STOCK OF MANUFACTURERS INVENTORIES	134.241	137.94	140.13	143.57	149.31	155.82	162.83	170.71	179.20	188.07	196.58
49	KIBINNM	I	STOCK OF NONMFG NONAUTO INVEN	134.891	137.85	140.40	145.00	151.33	157.83	164.31	172.04	180.60	189.24	197.69

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TABLE 18.20 CAPITAL STOCK, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	KIAAG	I	FARM	1.6	2.4	0.9	2.8	4.2	5.5	6.2	5.7	5.5	5.0	4.5
2														
3	KIAMG	I	MINING	2.9	3.3	3.8	4.7	5.4	5.4	4.9	4.8	5.1	5.9	6.2
4														
5			DURABLE GOODS											
6														
7	KIAMFD24	I	LUMBER	3.2	3.4	3.1	3.3	3.8	4.2	4.3	4.4	4.6	4.8	4.9
8	KIAMFD25	I	FURNITURE	1.2	1.4	1.5	2.2	2.0	1.8	2.1	2.3	2.3	2.6	2.7
9	KIAMFD32	I	STONE, CLAY AND GLASS	2.8	2.7	3.0	3.1	4.0	4.2	4.0	3.6	3.5	3.6	3.7
10	KIAMFD33	I	PRIMARY METALS	2.3	3.0	3.2	3.5	3.3	3.1	3.0	3.1	3.2	2.9	2.5
11	KIAMFD34	I	FABRICATED METAL PRODUCTS	3.2	3.3	3.0	3.2	3.1	3.2	3.1	3.1	3.0	2.9	2.8
12	KIAMFD35	I	NONELECTRICAL MACHINERY	4.4	4.8	4.7	4.6	4.7	4.6	4.4	4.4	4.5	4.5	4.4
13	KIAMFD36	I	ELECTRICAL MACHINERY	2.9	3.6	3.5	4.0	4.2	4.1	3.9	3.8	3.9	4.0	4.1
14	KIAMFD371	I	MOTOR VEHICLES	6.1	7.0	7.1	6.4	5.1	3.4	2.9	3.5	4.1	3.9	3.2
15	KIAMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	1.7	2.3	2.3	3.0	3.4	3.6	3.5	3.6	3.8	4.1	4.2
16	KIAMFD38	I	INSTRUMENTS	4.1	4.0	4.1	4.2	4.5	4.6	4.4	4.5	4.7	4.7	4.5
17														
18			NONDURABLE GOODS											
19														
20	KIAMFN20	I	FOOD AND BEVERAGES	2.1	1.9	1.8	1.9	1.5	1.2	1.4	2.0	2.6	3.1	3.6
21	KIAMFN21	I	TOBACCO	2.7	2.5	2.5	2.8	3.1	3.3	3.5	3.7	3.8	3.8	3.9
22	KIAMFN22	I	TEXTILES	0.1	0.2	0.5	1.1	1.8	2.2	2.2	2.4	2.5	2.4	2.2
23	KIAMFN23	I	APPAREL	1.1	1.0	1.4	2.0	2.3	2.7	3.1	3.6	4.0	4.2	4.3
24	KIAMFN26	I	PAPER	4.8	5.4	5.2	5.0	5.1	5.2	5.2	5.1	5.3	5.3	5.3
25	KIAMFN27	I	PRINTING AND PUBLISHING	0.5	0.5	0.8	1.0	1.2	1.5	1.9	2.3	2.8	3.2	3.5
26	KIAMFN28	I	CHEMICALS	3.1	3.1	3.2	3.6	3.8	4.3	4.6	4.6	4.6	4.9	4.8
27	KIAMFN29	I	PETROLEUM	5.0	4.4	3.7	3.6	3.8	3.8	3.8	3.6	3.4	3.2	3.1
28	KIAMFN30	I	RUBBER	3.4	3.6	3.6	3.7	4.6	4.8	4.7	4.9	5.2	5.3	5.2
29	KIAMFN31	I	LEATHER	1.3	1.4	1.7	2.1	1.8	2.0	2.1	2.1	2.1	2.1	1.9
30														
31	KIARGT	I	TRANSPORTATION	0.0	-0.3	-0.4	-0.0	-0.1	-0.2	0.1	0.5	1.1	1.7	2.3
32														
33	KIARGU49	I	UTILITIES	4.7	4.7	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.6	4.6
34														
35	KIARGC48	I	COMMUNICATIONS	3.6	3.8	4.1	4.5	4.6	4.7	4.7	4.7	4.7	4.8	4.8
36														
37	KIACO	I	COMMERCIAL AND OTHER	5.0	4.5	3.3	3.2	3.3	3.3	3.2	3.4	3.5	3.5	3.4
38	KIACM	I	COMMERCIAL	0.5	0.6	0.8	1.1	1.5	1.8	2.1	2.5	2.7	3.0	3.1
39														
40	KWGNP	I	STOCK OF REAL WEALTH	3.4	3.5	3.2	2.7	2.9	3.1	3.0	2.8	3.2	3.2	3.1
41														
42	KCEDA	I	STOCK OF AUTOS	5.4	2.4	1.7	2.7	3.3	2.9	2.3	2.7	3.0	3.0	2.3
43														
44	KIHFRN	I	STOCK OF NONFARM RESID. STRUCTURES	3.3	1.9	1.3	1.7	2.4	2.4	2.3	2.9	3.1	2.8	2.2
45														
46	KIBIN	I	TOTAL NONFARM INVENTORIES	4.4	2.4	1.6	2.8	4.1	4.3	4.3	4.8	5.0	4.9	4.5
47	KIBITDAV	B	STOCK OF AUTO DEALER INVENTORIES	-1.0	1.4	-0.5	1.7	1.0	3.7	5.0	5.2	4.5	4.4	4.6
48	KIBINMF	B	STOCK OF MANUFACTURES INVENTORIES	4.2	2.8	1.6	2.5	4.0	4.4	4.5	4.8	5.0	5.0	4.5
49	KIBJNNM	I	STOCK OF NONMFG NONAUTO INVEN	5.1	2.2	1.9	3.3	4.4	4.3	4.1	4.7	5.0	4.8	4.5

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TABLE 19.00 DEPRECIATION (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	CCATS	I	ALL INDUSTRIES	217.08	242.24	265.69	293.41	323.49	355.50	389.42	425.49	463.90	504.92	548.23
2														
3	CCATAGS	B	AGRIC, FORESTRY & FISHERIES	10.94	11.90	13.00	14.29	15.88	17.78	20.00	22.32	24.79	27.39	30.11
4														
5	CCATMGS	B	MINING	7.08	7.75	8.41	9.31	10.34	11.46	12.64	13.89	15.28	16.91	18.77
6														
7	CCATMFS	I	MANUFACTURING	42.35	46.50	50.62	56.04	61.92	68.22	74.98	82.16	89.91	98.39	107.58
8														
9	CCATMFDS	I	DURABLE GOODS	24.98	27.44	29.92	33.22	36.79	40.58	44.60	48.85	53.44	58.43	63.78
10														
11	CCATMFD24S	B	LUMBER	1.77	1.96	2.13	2.38	2.66	2.96	3.30	3.66	4.06	4.49	4.98
12	CCATMFD25S	B	FURNITURE	0.26	0.27	0.29	0.32	0.35	0.38	0.41	0.44	0.48	0.52	0.56
13	CCATMFD32S	B	STONE, CLAY AND GLASS	1.66	1.81	1.95	2.15	2.37	2.61	2.87	3.14	3.41	3.71	4.04
14	CCATMFD33S	B	PRIMARY METALS	3.85	4.14	4.44	4.77	5.11	5.47	5.85	6.24	6.67	7.11	7.56
15	CCATMFD34S	B	FABRICATED METAL PRODUCTS	1.49	1.63	1.96	2.14	2.34	2.55	2.77	3.00	3.24	3.49	3.76
16	CCATMFD35S	B	NONELECTRICAL MACHINERY	5.33	5.98	6.64	7.47	8.39	9.37	10.41	11.53	12.74	14.05	15.47
17	CCATMFD36S	B	ELECTRICAL MACHINERY	4.52	5.03	5.58	6.27	7.07	7.92	8.83	9.77	10.79	11.91	13.12
18	CCATMFD371S	B	MOTOR VEHICLES	2.96	3.20	3.45	3.83	4.22	4.57	4.95	5.33	5.78	6.26	6.74
19	CCATMFD37SP2S	B	NONAUTO TRANS EQ + ORD + MISC	1.83	1.99	2.16	2.37	2.60	2.85	3.12	3.40	3.71	4.05	4.43
20	CCATMFD38S	B	INSTRUMENTS	1.11	1.24	1.36	1.52	1.70	1.90	2.10	2.33	2.57	2.84	3.12
21														
22	CCATMFNS	I	NONDURABLE GOODS	17.37	19.06	20.69	22.82	25.13	27.65	30.39	33.31	36.47	39.97	43.80
23														
24	CCATMFN20S	B	FOOD AND BEVERAGES	3.40	3.67	3.92	4.25	4.57	4.90	5.26	5.64	6.07	6.56	7.12
25	CCATMFN21S	B	TOBACCO	0.43	0.48	0.53	0.60	0.68	0.76	0.85	0.95	1.05	1.17	1.29
26	CCATMFN22S	B	TEXTILES	1.32	1.43	1.54	1.69	1.87	2.06	2.27	2.48	2.70	2.94	3.19
27	CCATMFN23S	B	APPAREL	0.29	0.31	0.33	0.36	0.39	0.42	0.46	0.50	0.55	0.60	0.65
28	CCATMFN26S	B	PAPER	2.32	2.60	2.87	3.19	3.54	3.93	4.35	4.81	5.30	5.85	6.45
29	CCATMFN27S	B	PRINTING AND PUBLISHING	1.45	1.56	1.67	1.82	1.99	2.16	2.35	2.56	2.79	3.05	3.33
30	CCATMFN28S	B	CHEMICALS	5.25	5.79	6.33	6.98	7.69	8.48	9.36	10.30	11.31	12.45	13.69
31	CCATMFN29S	B	PETROLEUM	1.63	1.83	2.02	2.27	2.55	2.85	3.18	3.51	3.86	4.22	4.60
32	CCATMFN30S	B	RUBBER	1.18	1.28	1.39	1.55	1.74	1.95	2.17	2.42	2.69	2.99	3.32
33	CCATMFN31S	B	LEATHER	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16
34														
35	CCATRGTS	B	TRANSPORTATION	9.82	10.71	11.59	12.41	13.23	14.05	14.92	15.85	16.87	18.05	19.40
36														
37	CCATRGU49S	B	UTILITIES	13.33	14.98	16.65	18.75	21.00	23.45	26.10	28.92	31.95	35.25	38.88
38														
39	CCATRGC48S	B	COMMUNICATIONS	12.40	14.19	15.90	17.99	20.28	22.79	25.52	28.42	31.54	34.97	38.76
40														
41	CCATCOS	B	COMMERCIAL AND OTHER	77.22	86.27	94.13	105.44	117.85	130.95	144.66	159.53	175.36	191.94	208.94
42														
43	CCARRSI	E	RES, STRUCTURES, SINGLE UNITS	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
44														
45	CCARRSM	E	RES, STRUCTURES, MULTIPLE UNITS	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
46	CCARRMH	E	RES, STRUCTURES, MOBILE HOMES	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
47														
48			CAPITAL CONSUMPTION ADJUST.											
49	CCAACPS	E	CORPORATE PROFITS & IVA	-18.12	-21.43	-24.11	-25.11	-26.11	-27.11	-28.11	-29.11	-30.11	-31.11	-32.11
50	CCAAYENTBS	E	PROPRIETORS' INCOME, NONFARM	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
51	CCAAYENTFS	E	PROPRIETORS' INCOME, FARM	-5.23	-5.76	-6.56	-7.36	-8.16	-8.96	-9.76	-10.86	-11.36	-12.16	-12.96
52	CCAAYRENTS	E	RENTAL INCOME OF PERSONS	-20.94	-23.08	-25.08	-27.08	-29.08	-31.08	-33.08	-35.08	-37.08	-39.08	-41.08

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TABLE 20.00 USER COST OF CAPITAL

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	UCKAG	FARM	39.1	43.5	44.7	48.5	52.4	54.5	57.3	60.0	62.8	65.6	69.0
2													
3	UCKMG	MINING	36.6	40.9	41.0	44.5	48.2	49.6	51.9	54.1	56.3	58.6	61.6
4													
5		DURABLE GOODS											
6													
7	UCKMFD24	LUMBER	22.5	25.6	25.7	28.0	30.4	31.0	32.4	33.6	34.9	36.3	38.1
8	UCKMFD25	FURNITURE	30.8	34.5	34.8	37.8	41.0	42.1	44.0	45.8	47.6	49.5	52.1
9	UCKMFD32	STONE, CLAY AND GLASS	24.3	27.5	27.5	29.9	32.5	33.1	34.5	35.8	37.2	38.6	40.5
10	UCKMFD33	PRIMARY METALS	29.6	33.3	33.2	36.1	39.2	40.2	42.0	43.7	45.5	47.3	49.7
11	UCKMFD34	FABRICATED METAL PRODUCTS	24.4	27.7	27.7	30.1	32.7	33.3	34.7	36.1	37.4	38.8	40.7
12	UCKMFD35	NONELECTRICAL MACHINERY	25.6	29.0	29.1	31.6	34.4	35.0	36.8	37.8	39.2	40.7	42.7
13	UCKMFD36	ELECTRICAL MACHINERY	24.2	27.5	27.5	29.9	32.4	33.0	34.4	35.7	37.1	38.4	40.4
14	UCKMFD371	MOTOR VEHICLES	29.8	33.5	33.4	36.3	39.1	40.4	42.3	44.1	45.9	47.7	50.2
15	UCKMFD37SP2	NONAUTO TRANS EQ + ORD + MISC	36.8	41.0	41.3	44.8	48.5	50.1	52.6	54.9	57.2	59.7	62.8
16	UCKMFD38	INSTRUMENTS	25.0	28.4	28.3	30.8	33.5	34.1	35.5	36.8	38.2	39.6	41.6
17													
18		NONDURABLE GOODS											
19													
20	UCKMFN20	FOOD AND BEVERAGES	30.4	34.2	34.1	37.1	40.2	41.2	43.1	44.9	46.7	48.5	51.0
21	UCKMFN21	TOBACCO	30.3	34.0	33.9	36.8	39.9	40.9	42.7	44.5	46.2	48.0	50.5
22	UCKMFN22	TEXTILES	29.5	33.2	33.1	36.0	39.0	40.0	41.8	43.5	45.3	47.1	49.5
23	UCKMFN23	APPAREL	33.0	37.0	37.3	40.5	43.9	45.2	47.4	49.4	51.5	53.6	56.4
24	UCKMFN26	PAPER	23.9	27.2	27.0	29.3	31.9	32.5	33.8	35.1	36.4	37.7	39.6
25	UCKMFN27	PRINTING AND PUBLISHING	29.1	32.7	32.8	35.6	38.7	39.7	41.5	43.2	44.9	46.7	49.1
26	UCKMFN28	CHEMICALS	29.0	32.6	32.5	35.3	38.3	39.2	41.0	42.7	44.4	46.1	48.5
27	UCKMFN29	PETROLEUM	26.0	28.3	28.7	31.2	33.9	34.5	36.0	37.4	38.8	40.3	42.3
28	UCKMFN30	RUBBER	22.6	25.7	25.6	27.9	30.4	30.8	32.1	33.2	34.4	35.6	37.4
29	UCKMFN31	LEATHER	25.7	29.1	29.5	32.1	34.8	35.5	37.0	38.4	39.8	41.3	43.4
30													
31	UCKRGT	TRANSPORTATION	30.2	33.9	34.3	37.3	40.5	41.5	43.3	45.1	46.8	48.6	51.1
32													
33	UCKCM	COMMERCIAL	28.5	32.0	33.0	35.9	38.9	39.9	41.7	43.4	45.1	46.9	49.3
34													
35	UCKRGU89	UTILITIES	27.9	31.5	31.5	34.3	37.3	37.8	39.3	40.6	42.0	43.4	45.6
36													
37	UCKRGC48	COMMUNICATIONS	30.8	34.6	34.8	37.8	41.1	41.9	43.6	45.2	46.9	48.6	51.0
38													
39	UCKR	TOTAL RESIDENTIAL HOUSING UNITS	16.4	19.3	21.1	23.0	24.9	26.0	27.4	28.8	30.2	31.5	33.2
40													
41	UCKR3O	OWNER OCCUPIED	16.7	19.9	21.7	23.7	25.8	26.9	28.4	29.9	31.3	32.8	34.6
42	UCKR3T	LANDLORD OWNED	13.6	16.1	17.6	19.3	20.9	21.9	23.2	24.4	25.6	26.9	28.4
43	UCKRMH	MOBILE HOMES	20.5	22.9	24.1	25.6	27.5	28.7	30.1	31.5	32.9	34.3	35.9

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TABLE 21.10 EMPLOYEE COMPENSATION (CURRENT $)

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WAC$	ALL INDUSTRIES	1299.3	1434.1	1556.4	1711.3	1875.9	2047.9	2227.1	2426.1	2636.0	2855.8	3083.2
2													
3	WACAG$	AGRIC., FORESTRY AND FISHERIES	12.3	13.4	14.2	16.0	17.8	19.6	21.1	23.0	24.7	26.5	28.3
4													
5	WACMG$	MINING	20.5	23.4	24.8	26.7	29.1	31.8	34.6	37.8	41.3	44.9	48.4
6													
7	WACMF$	MANUFACTURING	365.8	408.8	446.4	487.6	533.0	577.8	622.0	673.9	726.8	777.4	826.7
8													
9	WACMFD$	DURABLE GOODS	237.1	266.8	292.5	321.6	353.7	384.6	414.6	451.3	488.4	523.2	556.4
10													
11	WACMFD24$	LUMBER	8.9	9.7	10.5	11.7	12.9	14.2	15.5	16.8	18.3	19.8	21.5
12	WACMFD25$	FURNITURE	6.4	7.2	7.9	8.6	9.5	10.3	11.1	12.1	13.0	14.0	14.9
13	WACMFD32$	STONE, CLAY AND GLASS	12.6	14.5	16.3	17.7	19.3	20.9	22.6	24.7	26.9	29.0	31.1
14	WACMFD33$	PRIMARY METALS	30.5	34.1	36.9	40.4	44.7	48.5	51.3	54.9	58.3	60.8	62.7
15	WACMFD34$	FABRICATED METAL PRODUCTS	27.4	30.9	34.3	38.0	42.2	46.1	49.9	54.5	59.2	63.6	67.7
16	WACMFD35$	NONELECTRICAL MACHINERY	45.9	50.9	56.3	62.2	68.9	75.4	81.7	89.8	98.1	105.6	112.6
17	WACMFD36$	ELECTRICAL MACHINERY	36.3	41.4	45.2	49.4	53.9	58.4	62.9	68.1	73.3	78.3	83.4
18	WACMFD371$	MOTOR VEHICLES	28.3	31.3	34.2	37.6	40.8	44.0	47.5	52.0	56.6	60.9	65.1
19	WACMFD37SP2$	NONAUTO TRANS EQ + ORD + MISC	30.5	35.0	38.0	41.8	46.0	50.0	53.9	58.7	63.6	68.3	73.0
20	WACMFD38$	INSTRUMENTS	10.3	11.7	12.8	14.1	15.4	16.8	18.1	19.7	21.3	22.8	24.4
21													
22	WACMFN$	NONDURABLE GOODS	128.7	142.1	153.9	166.0	179.3	193.1	207.4	222.7	238.4	254.2	270.3
23													
24	WACMFN20$	FOOD AND BEVERAGES	28.8	30.9	32.7	34.8	36.3	38.1	40.0	42.0	44.2	46.6	49.2
25	WACMFN21$	TOBACCO	1.3	1.4	1.5	1.5	1.6	1.7	1.8	2.0	2.0	2.1	2.2
26	WACMFN22$	TEXTILES	10.8	11.8	12.8	14.1	15.5	17.0	18.5	20.1	21.8	23.5	25.1
27	WACMFN23$	APPAREL	12.8	14.4	15.5	16.8	18.2	19.8	21.3	22.8	24.4	26.0	27.5
28	WACMFN26$	PAPER	13.7	15.4	16.8	18.4	20.2	22.1	24.0	26.0	28.1	30.2	32.3
29	WACMFN27$	PRINTING AND PUBLISHING	18.2	20.7	22.9	25.1	27.5	30.0	32.7	35.5	38.5	41.5	44.7
30	WACMFN28$	CHEMICALS	23.8	26.1	28.1	29.8	31.7	33.8	36.2	38.6	41.2	43.7	46.2
31	WACMFN29$	PETROLEUM	5.6	6.3	6.9	7.5	8.0	8.5	9.0	9.5	9.9	10.3	10.7
32	WACMFN30$	RUBBER	11.0	12.2	13.4	14.8	16.3	17.9	19.4	21.2	23.0	24.8	26.5
33	WACMFN31$	LEATHER	2.7	3.0	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8
34													
35	WACAGT$	TRANSPORTATION	55.8	60.6	65.5	71.0	77.6	84.9	92.4	100.7	110.1	120.3	130.2
36													
37	WACAGU49$	UTILITIES	17.1	18.6	20.1	21.6	23.2	25.0	27.1	29.3	31.4	33.5	35.7
38													
39	WACAGC48$	COMMUNICATIONS	29.5	32.1	34.7	39.5	42.3	46.0	49.7	54.4	59.9	65.6	71.3
40													
41	WACCO$	COMMERCIAL AND OTHER	545.0	603.1	654.0	725.8	800.8	879.6	964.0	1055.0	1152.8	1258.5	1371.0
42													
43	WACGV$	GOVERNMENT	253.5	274.2	296.7	323.1	352.1	383.2	416.3	452.0	489.1	529.2	571.6
44													
45	WACGVF$	FEDERAL	88.2	94.8	101.9	110.0	118.5	127.6	137.3	147.4	158.1	169.5	181.4
46	WACGVS$	STATE AND LOCAL	165.2	179.4	194.8	213.2	233.6	255.6	279.0	304.6	331.0	359.7	390.1

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TABLE 21.20 EMPLOYEE COMPENSATION, GROWTH RATES

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WBCS	ALL INDUSTRIES	12.6	10.4	8.5	10.0	9.6	9.2	8.8	8.9	8.7	8.3	8.0
2													
3	WBCAGS	AGRIC., FORESTRY AND FISHERIES	9.4	9.0	6.2	12.6	11.5	9.7	8.1	8.5	7.7	7.3	6.7
4													
5	WBCMGS	MINING	18.2	14.1	6.2	7.6	9.0	9.2	8.6	9.3	9.2	8.9	7.7
6													
7	WBCMFS	MANUFACTURING	13.3	11.8	9.2	9.2	9.3	8.4	7.7	8.4	7.8	7.0	6.3
8													
9	WBCMFDS	DURABLE GOODS	14.9	12.5	9.6	9.9	10.0	8.8	7.8	8.9	8.2	7.1	6.3
10													
11	WBCMFD24S	LUMBER	10.8	9.0	8.3	10.6	10.7	9.9	9.1	8.5	8.6	8.6	8.3
12	WBCMFD25S	FURNITURE	12.9	12.6	10.0	8.9	9.8	8.4	8.0	9.1	7.1	7.6	6.8
13	WBCMFD32S	STONE, CLAY AND GLASS	15.9	15.2	12.0	8.7	9.0	8.5	7.9	9.3	9.1	7.9	7.0
14	WBCMFD33S	PRIMARY METALS	12.8	11.8	8.4	9.4	10.6	8.5	5.8	7.1	6.1	4.4	3.0
15	WBCMFD34S	FABRICATED METAL PRODUCTS	15.7	12.6	11.2	10.8	10.9	9.3	8.2	9.3	8.6	7.4	6.5
16	WBCMFD35S	NONELECTRICAL MACHINERY	17.1	10.9	10.6	10.6	10.7	9.4	8.3	9.8	9.2	7.7	6.6
17	WBCMFD36S	ELECTRICAL MACHINERY	16.0	14.2	9.0	9.3	9.2	8.3	7.7	8.2	7.7	6.8	6.5
18	WBCMFD371S	MOTOR VEHICLES	13.4	10.5	9.2	10.0	8.4	7.8	8.1	9.5	8.8	7.6	6.9
19	WBCMFD37SP2S	NONAUTO TRANS EQ + ORD + MISC	15.0	14.9	8.3	10.1	10.0	8.7	7.9	8.8	8.3	7.4	6.9
20	WBCMFD38S	INSTRUMENTS	14.2	13.8	9.7	9.7	9.7	8.7	7.9	8.6	8.1	7.4	6.8
21													
22	WBCMFNS	NONDURABLE GOODS	10.6	10.4	8.4	7.9	8.0	7.7	7.4	7.3	7.1	6.6	6.4
23													
24	WBCMFN20S	FOOD AND BEVERAGES	13.5	7.2	5.8	5.4	5.4	5.1	4.9	5.1	5.2	5.3	5.7
25	WBCMFN21S	TOBACCO	10.5	7.6	6.2	6.3	6.4	6.1	5.7	5.7	4.8	4.3	4.3
26	WBCMFN22S	TEXTILES	8.8	8.8	8.7	9.7	10.1	9.6	9.0	8.9	8.4	7.7	6.7
27	WBCMFN23S	APPAREL	10.8	11.8	8.3	8.0	8.5	8.4	7.7	7.4	6.9	6.3	5.8
28	WBCMFN26S	PAPER	11.9	12.5	9.3	9.2	9.7	9.5	8.7	8.5	8.0	7.3	7.1
29	WBCMFN27S	PRINTING AND PUBLISHING	11.4	13.7	10.5	9.8	9.3	9.3	8.9	8.7	8.4	7.9	7.7
30	WBCMFN28S	CHEMICALS	8.7	9.6	7.7	6.2	6.6	6.5	6.9	6.8	6.5	6.1	5.7
31	WBCMFN29S	PETROLEUM	8.8	12.3	9.5	7.9	7.2	6.5	5.7	5.2	4.6	4.2	4.0
32	WBCMFN30S	RUBBER	6.6	11.2	10.1	10.1	10.3	9.5	8.7	9.0	8.5	7.8	7.2
33	WBCMFN31S	LEATHER	12.5	12.6	12.0	8.8	8.3	7.6	6.9	6.7	6.5	6.1	6.0
34													
35	WBCRGTS	TRANSPORTATION	10.2	8.6	8.1	8.4	9.3	9.4	8.8	9.0	9.3	9.3	8.2
36													
37	WBCRGU49S	UTILITIES	12.0	8.6	8.1	7.4	7.5	8.0	8.1	8.3	7.1	6.8	6.4
38													
39	WBCRGC48S	COMMUNICATIONS	16.4	8.7	8.2	13.8	7.2	8.7	8.1	9.3	10.2	9.6	8.6
40													
41	WBCCOS	COMMERCIAL AND OTHER	14.0	10.6	8.4	11.0	10.3	9.8	9.6	9.4	9.3	9.2	9.0
42													
43	WBCGVS	GOVERNMENT	8.9	8.2	8.2	8.9	9.0	8.8	8.6	8.6	8.2	8.2	8.0
44													
45	WBCGVFS	FEDERAL	8.7	7.4	7.5	7.9	7.8	7.7	7.6	7.4	7.3	7.2	7.0
46	WBCGVSS	STATE AND LOCAL	9.0	8.6	8.6	9.4	9.6	9.4	9.2	9.2	8.7	8.6	8.5

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TABLE 22.10 WAGE RATES (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WRCS	I	ALL INDUSTRIES (PER WEEK)-------	265.10	286.14	306.24	330.18	355.71	382.57	410.51	440.60	471.51	503.41	536.65
2														
3	WRCAGS	B	FARM (PER WEEK)----------	71.21	81.22	89.06	99.90	110.25	120.05	129.80	141.18	152.57	164.53	176.80
4														
5	WRCMGS	B	MINING (PER HOUR)----------	10.55	11.86	12.89	14.01	15.23	16.56	17.97	19.44	20.95	22.53	24.15
6														
7			DURABLE GOODS (PER HOUR)											
8														
9	WRCMFD24S	B	LUMBER----------	6.46	7.00	7.59	8.26	8.96	9.69	10.45	11.23	12.02	12.83	13.69
10	WRCMFD25S	B	FURNITURE----------	5.88	6.39	6.89	7.49	8.09	8.71	9.34	9.99	10.64	11.31	12.02
11	WRCMFD32S	B	STONE, CLAY AND GLASS----------	8.42	9.28	10.12	11.01	11.96	12.97	14.01	15.08	16.16	17.25	18.43
12	WRCMFD33S	B	PRIMARY METALS----------	11.37	12.44	13.49	14.61	15.77	16.95	18.12	19.30	20.46	21.62	22.86
13	WRCMFD34S	B	FABRICATED METAL PRODUCTS----------	8.48	9.29	10.23	11.18	12.15	13.16	14.21	15.30	16.41	17.53	18.74
14	WRCMFD35S	B	NONELECTRICAL MACHINERY----------	9.26	10.08	10.96	11.92	12.89	13.89	14.93	16.02	17.12	18.25	19.48
15	WRCMFD36S	B	ELECTRICAL MACHINERY----------	8.46	9.26	10.10	11.03	11.96	12.92	13.92	14.96	16.02	17.10	18.28
16	WRCMFD371S	B	MOTOR VEHICLES----------	13.39	14.58	15.96	17.42	18.78	20.24	21.94	23.84	25.86	27.97	30.29
17	WRCMFD37SP2S	B	NONAUTO TRANS EQ + ORD + MISC--	9.28	10.20	11.11	12.09	13.11	14.17	15.27	16.40	17.55	18.71	19.99
18	WRCMFD38S	B	INSTRUMENTS----------	8.86	9.63	10.45	11.33	12.22	13.13	14.06	15.01	15.98	16.95	17.98
19														
20			NONDURABLE GOODS (PER HOUR)											
21														
22	WRCMFN20S	B	FOOD AND BEVERAGES----------	7.96	8.67	9.35	10.07	10.83	11.63	12.44	13.27	14.10	14.94	15.84
23	WRCMFN21S	B	TOBACCO----------	9.14	9.96	10.74	11.59	12.47	13.38	14.29	15.20	16.10	16.99	17.96
24	WRCMFN22S	B	TEXTILES----------	5.30	5.80	6.37	6.97	7.61	8.29	9.00	9.73	10.48	11.24	12.04
25	WRCMFN23S	B	APPAREL----------	5.35	5.89	6.39	6.91	7.50	8.16	8.85	9.57	10.32	11.08	11.88
26	WRCMFN26S	B	PAPER----------	8.71	9.65	10.46	11.29	12.22	13.24	14.32	15.45	16.60	17.77	19.05
27	WRCMFN27S	B	PRINTING AND PUBLISHING----------	8.19	9.03	9.86	10.73	11.62	12.55	13.50	14.46	15.42	16.38	17.40
28	WRCMFN28S	B	CHEMICALS----------	10.25	11.16	12.00	12.92	13.87	14.85	15.85	16.87	17.89	18.93	20.00
29	WRCMFN29S	B	PETROLEUM----------	12.09	13.24	14.36	15.62	16.91	18.23	19.57	20.92	22.28	23.65	25.11
30	WRCMFN30S	B	RUBBER----------	7.51	8.18	8.86	9.59	10.32	11.08	11.86	12.67	13.47	14.30	15.18
31	WRCMFN31S	B	LEATHER----------	5.13	5.65	6.16	6.68	7.24	7.85	8.48	9.14	9.82	10.51	11.24
32														
33	WRCRGTS	B	TRANSPORTATION (PER WEEK)-------	398.52	424.83	458.59	494.94	534.84	578.96	625.40	673.26	722.26	773.03	827.38
34														
35	WRCRGU49S	B	UTILITIES (PER WEEK)----------	427.93	458.03	498.57	539.55	583.51	631.38	682.24	735.75	791.44	849.46	911.92
36														
37	WRCRGC48S	B	COMMUNICATIONS (PER WEEK)-------	453.76	489.00	530.54	577.26	626.85	679.48	735.41	792.68	851.57	914.07	980.62
38														
39	WRCCOS	B	COMMERCIAL AND OTHER (PER WEEK)	211.75	227.69	242.51	261.18	281.29	302.68	325.38	349.46	374.61	401.21	429.29
40														
41	WRCGVS	I	GOVERNMENT (PER WEEK)----------	274.95	292.87	310.27	334.82	360.35	387.25	414.75	444.03	473.90	505.48	538.57
42														
43	WRCGVFS	B	FEDERAL----------	348.27	375.56	404.84	436.37	469.58	504.77	542.00	580.78	621.50	664.73	709.60
44	WRCGVSS	B	STATE & LOCAL----------	247.15	262.34	276.48	298.94	322.31	346.92	371.81	398.62	425.63	454.19	484.29

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TABLE 22.20 WAGE RATES, % CHANGE

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WRC$	I	ALL INDUSTRIES (PER WEEK)	8.2	7.9	7.0	7.8	7.7	7.5	7.3	7.3	7.0	6.8	6.6
2														
3	WRCAG$	B	FARM (PER WEEK)	7.2	14.0	9.7	12.2	10.4	8.9	8.1	8.8	8.1	7.8	7.5
4														
5	WRCMG$	B	MINING (PER HOUR)	15.8	12.5	8.6	8.7	8.7	8.7	8.5	8.2	7.7	7.5	7.1
6														
7			DURABLE GOODS (PER HOUR)											
8														
9	WRCMFD24$	B	LUMBER	7.3	8.5	8.3	8.9	8.5	8.1	7.8	7.5	7.0	6.8	6.7
10	WRCMFD25$	B	FURNITURE	6.6	8.7	7.9	8.6	8.1	7.7	7.2	6.9	6.5	6.3	6.3
11	WRCMFD32$	B	STONE, CLAY AND GLASS	8.7	10.3	9.0	8.8	8.6	8.4	8.0	7.6	7.2	6.7	6.8
12	WRCMFD33$	B	PRIMARY METALS	7.9	9.5	8.4	8.3	8.0	7.5	6.9	6.5	6.0	5.7	5.7
13	WRCMFD34$	B	FABRICATED METAL PRODUCTS	10.0	10.1	10.1	9.3	8.7	8.3	8.0	7.7	7.2	6.8	6.9
14	WRCMFD35$	B	NONELECTRICAL MACHINERY	11.9	8.9	8.7	8.8	8.1	7.8	7.5	7.3	6.9	6.6	6.8
15	WRCMFD36$	B	ELECTRICAL MACHINERY	9.4	9.4	9.1	9.2	8.4	8.0	7.8	7.5	7.1	6.7	6.9
16	WRCMFD371$	B	MOTOR VEHICLES	9.5	8.9	9.4	9.1	7.8	7.8	8.4	8.7	8.5	8.2	8.3
17	WRCMFD373P25	B	NONAUTO TRANS EQ + ORD + MISC	8.1	9.9	9.0	8.8	8.4	8.1	7.8	7.4	7.0	6.6	6.8
18	WRCMFD38$	B	INSTRUMENTS	8.9	8.8	8.5	8.4	7.8	7.5	7.1	6.8	6.4	6.1	6.1
19														
20			NONDURABLE GOODS (PER HOUR)											
21														
22	WRCMFN20$	B	FOOD AND BEVERAGES	11.9	8.9	7.9	7.8	7.5	7.3	7.0	6.7	6.3	6.0	6.0
23	WRCMFN21$	B	TOBACCO	10.3	9.0	7.8	7.9	7.6	7.3	6.8	6.4	5.9	5.6	5.7
24	WRCMFN22$	B	TEXTILES	9.8	9.5	9.8	9.5	9.2	8.8	8.6	8.2	7.7	7.3	7.1
25	WRCMFN23$	B	APPAREL	9.4	10.1	8.6	8.1	8.6	8.7	8.5	8.2	7.8	7.4	7.1
26	WRCMFN26$	B	PAPER	10.8	10.7	8.4	7.9	8.3	8.4	8.2	7.9	7.5	7.0	7.2
27	WRCMFN27$	B	PRINTING AND PUBLISHING	9.3	10.3	9.2	8.8	8.3	8.0	7.6	7.1	6.6	6.2	6.2
28	WRCMFN28$	B	CHEMICALS	7.4	8.9	7.5	7.7	7.3	7.1	6.7	6.4	6.1	5.8	5.7
29	WRCMFN29$	B	PETROLEUM	9.3	9.5	8.4	8.8	8.3	7.8	7.3	6.9	6.5	6.2	6.2
30	WRCMFN30$	B	RUBBER	4.9	8.9	8.3	8.2	7.7	7.3	7.1	6.8	6.4	6.1	6.2
31	WRCMFN31$	B	LEATHER	9.4	10.2	9.0	8.5	8.5	8.4	8.1	7.8	7.4	7.0	7.0
32														
33	WRCRGT$	B	TRANSPORTATION (PER WEEK)	9.7	6.6	7.9	7.8	8.2	8.2	8.0	7.7	7.3	7.0	7.0
34														
35	WRCRGU49$	B	UTILITIES (PER WEEK)	8.6	7.0	8.9	8.2	8.1	8.2	8.1	7.8	7.6	7.3	7.4
36														
37	WRCRGC48$	B	COMMUNICATIONS (PER WEEK)	8.7	7.8	8.5	8.8	8.6	8.4	8.2	7.8	7.4	7.3	7.3
38														
39	WRCCO$	B	COMMERCIAL AND OTHER (PER WEEK)	8.5	7.5	6.5	7.7	7.7	7.6	7.5	7.4	7.2	7.1	7.0
40														
41	WRCGV$	I	GOVERNMENT (PER WEEK)	6.4	6.5	5.9	7.9	7.6	7.5	7.1	7.1	6.7	6.7	6.5
42														
43	WRCGVF$	B	FEDERAL	8.9	7.8	7.8	7.8	7.6	7.5	7.4	7.2	7.0	7.0	6.8
44	WRCGVS$	B	STATE AND LOCAL	5.7	6.1	5.4	8.1	7.8	7.6	7.2	7.2	6.8	6.7	6.6

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TABLE 23.10 PRICE DEFLATORS (1972 = 100)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PDGNP	I	GROSS NATIONAL PRODUCT	152.1	162.9	173.2	185.2	197.7	210.4	223.1	236.0	248.7	261.4	274.1
2														
3	PDYN	B	NATIONAL INCOME	152.1	162.9	173.2	185.3	197.7	210.5	223.2	236.2	249.0	261.7	274.5
4														
5	PDCE	I	PERSONAL CONSUMPTION	150.4	160.9	171.4	183.0	194.9	206.9	218.9	230.7	242.4	254.1	265.6
6	PDCED	I	DURABLE GOODS	136.7	144.9	152.7	161.6	169.6	177.6	185.4	193.0	200.5	208.1	215.7
7	PDCEDA	I	AUTOS AND PARTS	146.0	156.3	170.0	180.0	188.4	197.7	207.8	216.8	226.5	236.9	247.8
8	PDCEDAVN	B	NEW CARS	138.9	148.6	157.5	167.3	174.3	181.6	189.2	196.4	203.7	211.4	219.4
9	PDCEDAVU	B	USED CARS	193.8	216.7	241.9	257.6	269.2	282.6	297.5	314.1	332.1	352.2	371.0
10	PDCEDAVR+T	B	RECREATIONAL VEH. AND TRUCKS	138.9	149.5	159.6	170.5	181.9	193.7	205.9	217.6	229.4	241.7	254.2
11	PDCEDAP	B	TIRES, TUBES AND PARTS	132.9	143.9	154.3	164.4	174.5	184.6	194.9	205.2	215.0	224.9	234.9
12	PDCEDF	B	FURNITURE AND HOUSEHOLD EQUIPMENT	128.6	138.7	148.0	157.8	155.1	162.2	168.9	175.3	181.2	187.1	192.8
13	PDCEDO	B	OTHER DURABLE GOODS	132.8	139.1	145.1	153.4	161.5	169.4	177.1	184.3	190.9	197.5	203.8
14	PDCEN	I	NONDURABLE GOODS	155.0	165.0	174.5	184.9	195.8	206.9	217.8	228.9	239.5	250.0	260.1
15	PDCENF	B	FOOD AND BEVERAGES	162.9	175.9	188.2	198.5	210.0	222.0	234.1	246.8	259.2	271.2	282.7
16	PDCENC	B	CLOTHING AND SHOES	125.9	130.3	134.7	141.8	149.0	156.1	162.9	169.2	175.2	181.0	186.4
17	PDCENG	B	GASOLINE AND OIL	180.6	192.7	205.1	221.3	237.8	254.6	271.5	288.3	305.1	321.9	339.1
18	PDCENO+H	B	OTHER NONDURABLE GOODS	155.3	164.5	173.6	185.3	197.2	209.2	221.2	232.8	244.1	255.5	266.8
19	PDCES	I	SERVICES	151.3	163.0	175.2	188.9	202.9	217.1	231.3	245.4	259.3	273.3	287.2
20	PDCESH	B	HOUSING	141.4	153.1	165.6	178.1	191.0	203.8	216.3	228.7	240.5	252.2	263.6
21	PDCESS	B	HOUSEHOLD OPERATION SERVICES	157.3	168.2	179.2	191.4	202.2	212.9	223.5	233.9	243.6	253.0	262.1
22	PDCEST	B	TRANSPORTATION SERVICES	154.4	165.6	177.3	190.7	204.9	219.6	234.6	249.5	264.5	280.1	295.9
23	PDCESO	B	OTHER SERVICES	157.2	169.3	181.6	196.9	212.9	229.4	245.9	262.7	279.4	296.6	313.9
24														
25	PDIBF	I	FIXED INVESTMENT	164.7	178.9	192.4	208.2	224.4	240.3	256.2	272.7	288.7	304.4	320.1
26														
27	PDIBFN	B	NONRESIDENTIAL	158.8	171.2	182.7	196.9	211.2	225.8	240.7	255.4	270.0	285.1	300.8
28	PDIBFR	B	RESIDENTIAL	178.6	200.5	221.3	240.7	259.9	279.8	299.9	318.9	338.0	357.9	378.3
29	PDIBFRN	I	NONFARM	179.7	202.1	223.6	243.2	262.6	283.0	303.6	322.8	342.2	362.5	383.8
30	PDIBFRF	E	FARM	179.4	201.1	221.8	241.8	261.9	280.9	299.8	317.0	336.1	353.3	372.4
31	PDIBFRSNNH	B	IMPLICIT DEFLATOR, NOB. HOMES	159.2	170.3	180.6	191.4	204.6	218.1	231.5	244.7	257.6	270.6	283.5
32														
33			AVERAGE VALUE OF HOUSING STARTS											
34			(UNIT = $10,000)											
35	PUHSPRSI	B	SINGLES	4,594	5,033	5,314	5,799	6,314	6,838	7,427	8,043	8,630	9,260	9,890
36	PUHSPRSM	B	MULTIPLES	2,520	2,703	2,897	3,071	3,262	3,502	3,766	4,011	4,277	4,636	5,046
37	PUHSPRMH	B	MOBILE HOMES	1,679	1,825	1,990	2,126	2,254	2,382	2,480	2,596	2,792	2,981	3,088
38														
39	PIEB	I	EXPORTS	190.6	201.9	212.2	225.5	239.3	253.8	268.2	282.6	296.6	310.5	324.4
40	PIMB	I	IMPORTS	219.4	236.9	254.6	271.1	287.5	302.6	315.1	328.2	340.9	354.1	367.7
41														
42	PDGVPT	I	GOVERNMENT PURCH OF GOODS & SERV	157.6	168.3	178.5	190.7	203.2	216.1	229.3	242.8	256.4	270.6	285.6
43	PDGVPF	B	FEDERAL	153.2	163.0	172.8	184.7	196.8	208.9	221.1	233.2	245.3	257.8	270.4
44	PDGVPS	B	STATE AND LOCAL	160.2	171.3	181.9	194.1	206.9	220.2	233.9	248.1	262.5	277.7	293.8
45														
46			RETAIL UNIT PRICES, GASOLINE											
47	PURG	I	REG. GRADE GASOLINE, INCL. TAXES	65.3	69.7	74.2	80.0	85.9	92.0	98.0	104.0	109.9	115.8	121.8
48	PURGTS	E	STATE AND LOCAL TAXES	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.1	10.3	10.5
49	PURGTF	E	FEDERAL TAXES	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
50	PURGX	B	REG. GRADE GASOLINE, EXCL. TAXES	52.7	56.9	61.2	66.8	72.6	78.4	84.2	90.0	95.8	101.5	107.3

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TABLE 23.20 PRICE DEFLATORS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PDGNP	I	GROSS NATIONAL PRODUCT	7.4	7.1	6.3	6.9	6.7	6.4	6.0	5.8	5.4	5.1	4.8
2														
3	PDYN	B	NATIONAL INCOME	6.9	7.1	6.3	6.9	6.7	6.4	6.1	5.8	5.4	5.1	4.9
4														
5	PDCE	I	PERSONAL CONSUMPTION	6.9	7.0	6.5	6.8	6.5	6.2	5.8	5.4	5.0	4.8	4.6
6	PDCED	I	DURABLE GOODS	5.5	6.0	5.4	5.8	5.0	4.7	4.4	4.1	3.9	3.8	3.6
7	PDCEDA	I	AUTOS AND PARTS	7.5	8.4	7.4	5.9	4.7	4.9	4.9	4.5	4.5	4.6	4.6
8	PDCEDAVN	B	NEW CARS	8.0	7.0	6.0	6.3	4.1	4.2	4.2	3.8	3.7	3.8	3.8
9	PDCEDAVU	B	USED CARS	6.3	11.8	11.6	6.9	4.5	5.0	5.3	5.6	5.7	6.0	5.3
10	PDCEDAVR+T	B	RECREATIONAL VEH. AND TRUCKS	8.0	7.6	6.7	6.9	6.7	6.5	6.3	5.7	5.4	5.3	5.2
11	PDCEDAP	B	TIRES, TUBES AND PARTS	6.8	8.3	7.3	6.6	6.1	5.8	5.6	5.2	4.8	4.6	4.5
12	PDCEDF	B	FURNITURE AND HOUSEHOLD EQUIPMENT	3.9	4.7	3.9	5.6	5.0	4.5	4.1	3.8	3.4	3.3	3.0
13	PDCEDO	B	OTHER DURABLE GOODS	4.6	4.8	4.3	5.7	5.3	4.9	4.5	4.0	3.6	3.4	3.2
14	PDCEN	I	NONDURABLE GOODS	6.9	6.4	5.8	5.9	5.9	5.6	5.3	5.1	4.7	4.4	4.0
15	PDCENF	B	FOOD AND BEVERAGES	9.7	7.9	7.0	5.5	5.8	5.7	5.5	5.4	5.0	4.6	4.2
16	PDCENC	B	CLOTHING AND SHOES	3.0	3.5	3.4	5.3	5.1	4.7	4.4	3.9	3.5	3.3	3.0
17	PDCENG	B	GASOLINE AND OIL	3.6	6.7	6.4	7.9	7.5	7.1	6.6	6.2	5.8	5.5	5.3
18	PDCENO+H	B	OTHER NONDURABLE GOODS	5.6	5.9	5.5	6.8	6.4	6.1	5.7	5.3	4.9	4.7	4.4
19	PDCES	I	SERVICES	7.3	7.7	7.5	7.8	7.4	7.0	6.5	6.1	5.7	5.4	5.1
20	PDCESH	B	HOUSING	7.5	8.3	8.1	7.5	7.2	6.7	6.1	5.7	5.2	4.9	4.5
21	PDCESS	B	HOUSEHOLD OPERATION SERVICES	6.9	6.9	6.6	6.8	5.6	5.3	5.0	4.7	4.2	3.8	3.6
22	PDCEST	B	TRANSPORTATION SERVICES	7.7	7.2	7.1	7.6	7.4	7.2	6.8	6.3	6.0	5.9	5.6
23	PDCESO	B	OTHER SERVICES	7.3	7.7	7.3	8.4	8.2	7.7	7.2	6.8	6.4	6.1	5.8
24														
25	PDIRF	I	FIXED INVESTMENT	9.4	8.6	7.8	8.2	7.8	7.1	6.6	6.4	5.9	5.4	5.2
26														
27	PDIBFN	B	NONRESIDENTIAL	8.2	7.8	6.7	7.8	7.3	6.9	6.6	6.1	5.7	5.6	5.5
28	PDIBFR	B	RESIDENTIAL	12.1	12.3	10.4	8.7	8.0	7.7	7.2	6.3	6.0	5.9	5.7
29	PDIBFRN	I	NONFARM	12.3	12.5	10.6	8.8	8.0	7.8	7.3	6.3	6.0	6.0	5.9
30	PDIBFRF	E	FARM	12.3	12.1	10.3	5.8	5.6	5.2	5.0	4.8	4.6	4.4	4.5
31	PDIBFRSNNH	B	IMPLICIT DEFLATOR, MOB. HOMES	8.0	7.0	6.0	6.0	6.9	6.6	6.1	5.7	5.3	5.0	4.7
32														
33			AVERAGE VALUE OF HOUSING STARTS											
34	PUHSPRSI	B	SINGLES	20.6	9.6	6.0	8.7	8.9	8.3	8.6	8.3	7.3	7.3	6.8
35	PUHSPRSM	B	MULTIPLES	29.0	7.3	7.2	6.0	6.2	7.3	7.5	6.5	6.6	8.4	8.8
36	PUHSPRMH	B	MOBILE HOMES	15.2	8.7	9.0	6.8	6.0	5.7	4.1	4.7	7.6	6.8	3.6
37														
38	PIEB	I	EXPORTS	6.7	5.9	5.1	6.2	6.1	6.1	5.7	5.4	5.0	4.7	4.5
39	PIMB	I	IMPORTS	4.3	7.9	7.5	6.5	6.0	5.3	4.1	4.2	3.9	3.9	3.8
40														
41	PDGVPT	I	GOVERNMENT PURCH OF GOODS & SERV	7.8	6.7	6.1	6.8	6.6	6.4	6.1	5.9	5.6	5.6	5.5
42	PDGVPF	B	FEDERAL	7.3	6.4	6.0	6.9	6.5	6.2	5.8	5.5	5.2	5.1	4.9
43	PDGVPS	B	STATE AND LOCAL	7.9	6.9	6.2	6.7	6.6	6.5	6.2	6.1	5.8	5.8	5.8
44														
45			RETAIL UNIT PRICES, GASOLINE											
46	PURG	I	REG. GRADE GASOLINE, INCL. TAXES	3.6	6.7	6.4	7.8	7.4	7.0	6.5	6.1	5.7	5.4	5.2
47	PURGTS	E	STATE AND LOCAL TAXES	2.7	2.3	2.3	2.0	1.9	1.9	1.9	2.1	2.0	2.0	1.9
48	PURGTF	E	FEDERAL TAXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	PURGX	B	REG. GRADE GASOLINE, EXCL. TAXES	4.0	7.9	7.5	9.2	8.6	8.1	7.4	6.9	6.3	6.0	5.8

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TABLE 25.00 GROSS NATIONAL PRODUCT, NATIONAL INCOME, PERSONAL INCOME

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPS	I	GROSS NATIONAL PRODUCT----------	2105.7	2308.1	2492.2	2754.9	3044.6	3335.5	3628.3	3975.3	4328.6	4682.8	5031.5
2														
3	CCATS	I	LESS: CAPITAL CONS ALLOWANCE-------	217.1	242.2	265.7	293.4	323.5	355.5	389.4	425.5	463.9	504.9	548.2
4														
5	NNPS	I	EQUALS: NET NATIONAL PRODUCT-------	1888.6	2065.8	2226.5	2461.4	2721.1	2980.0	3238.8	3549.8	3864.7	4177.9	4483.1
6														
7	TXCBS	I	LESS: INDIRECT BUSINESS TAXES------	177.9	188.3	201.3	214.4	234.0	256.6	280.5	303.9	326.1	350.0	368.7
8														
9	TXCBFS	B	FEDERAL----------	27.8	29.0	29.6	28.7	31.8	34.8	37.7	41.3	44.9	48.5	45.1
10	TXCBSS	B	STATE AND LOCAL----------	150.1	159.3	171.7	185.7	202.2	221.8	242.7	262.6	281.2	301.5	323.6
11														
12	TRBUS	E	BUSINESS TRANSFER PAYMENTS---	10.7	11.8	13.0	13.8	14.6	15.4	16.2	17.0	17.8	18.6	19.4
13														
14	SDS	E	STATISTICAL DISCREPANCY------	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15														
16	GVSUBTS	I	PLUS: SUBSIDIES LESS CURR SURP-----	3.9	3.5	3.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
17														
18	YNS	I	EQUALS: NATIONAL INCOME----------	1701.8	1866.2	2012.7	2235.0	2474.3	2709.8	2943.9	3230.6	3522.5	3811.0	4096.7
19														
20	CPABTS	I	LESS: CORP. PROFITS & INV. VAL ADJ-	161.5	170.3	179.9	214.6	248.7	275.1	293.6	335.9	374.7	404.0	427.5
21														
22	TXCSTTS	I	CONTRIBUTIONS FOR SOC. INS.--	164.0	180.7	201.9	220.8	243.4	267.3	292.5	320.7	350.8	382.6	415.7
23	TXCSTPS	I	PERS. CONTRIB. FOR SOC. INS.	69.4	77.2	77.7	85.0	93.7	102.9	112.6	123.5	135.0	147.3	160.0
24	SUPTES	I	EMPL. CONTRIB. FOR SOC. INS.	94.5	111.5	124.2	135.8	149.7	164.4	179.9	197.2	215.7	235.3	255.6
25														
26	WALDS	E	WAGE ACCRUALS LESS DISBURSE.-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27														
28	TRTOPS	I	PLUS: TRANSFER PAYMENTS----------	226.7	254.5	288.2	317.5	349.8	385.0	422.1	460.5	500.4	543.1	588.3
29														
30	TRGFPS	I	FED. TRANSFERS TO PERSONS---	182.3	204.3	231.6	255.0	281.2	309.9	340.3	371.8	404.6	439.9	477.5
31	TRTOPUS	B	SUPL UNEMPL INS BENEFITS---	9.2	9.8	11.7	11.8	12.1	13.1	14.1	14.5	14.6	15.1	15.9
32	TRGFPOTHS		OTHER TRANSFER PAYMENTS----	173.1	194.5	219.9	243.2	269.0	296.8	326.2	357.3	390.0	424.8	461.6
33	TRGSPS	I	STATE TRANSFER PAYMENTS-----	33.7	38.4	43.6	48.7	54.0	59.7	65.6	71.7	78.0	84.5	91.4
34	TRBUS	E	BUSINESS TRANSFER PAYMENTS--	10.7	11.8	13.0	13.8	14.6	15.4	16.2	17.0	17.8	18.6	19.4
35														
36	YINTGCS	I	INTEREST PAID BY GOV. & CONS.	52.9	65.2	70.6	75.8	80.3	84.4	88.3	91.8	95.2	97.9	100.6
37														
38	YINTCS	E	NET INTEREST PD BY CONSUMERS	33.7	38.3	42.3	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3
39	YINTGFS	E	NET INTEREST PAID (FEDERAL)-	35.5	41.3	44.8	47.0	48.5	49.6	50.5	51.0	51.4	51.1	50.8
40	YINTGSS	E	NET INTEREST PAID (STATE)---	-7.7	-9.3	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
41														
42	YDIVS	B	DIVIDENDS----------	49.3	56.1	63.0	70.5	78.6	86.9	95.1	104.2	113.8	123.6	133.6
43														
44	YPS	I	EQUALS: PERSONAL INCOME----------	1705.2	1881.0	2052.8	2263.4	2490.9	2723.6	2963.4	3230.5	3506.4	3789.1	4076.1

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST, PHILA, PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 26.00 NATIONAL INCOME (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	YN$	I	NATIONAL INCOME	1701.8	1866.2	2012.7	2235.0	2474.3	2709.8	2943.9	3230.6	3522.5	3811.0	4096.7
3	WBC$	I	COMPENSATION OF EMPLOYEES	1299.3	1434.1	1556.4	1711.3	1875.9	2047.9	2227.1	2426.1	2636.0	2855.8	3083.2
5	YENTF$	E	FARM INCOME	24.3	28.1	30.7	32.7	34.7	36.7	38.7	40.7	42.7	44.7	47.1
7	YOTN$	B	RENT, INTEREST & PROPRIETORS' INC	239.2	257.8	272.3	305.6	346.4	383.7	420.3	466.1	509.2	548.9	583.4
8	CCAAYRENT$	E	CCA, RENTAL INCOME OF PERSONS	-20.9	-23.1	-25.1	-27.1	-29.1	-31.1	-33.1	-35.1	-37.1	-39.1	-41.1
9	IVAU$	B	PROPRIETORS' INVENTORY VAL ADJ	-1.9	-1.3	-1.7	-2.4	-2.6	-2.9	-3.0	-3.3	-3.4	-3.6	-3.8
10	CCAAYENT8$	E	CCA, PROPRIETORS' INCOME, NONFARM	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
12	CPABT$	I	CORPORATE PROFITS AND INV VAL ADJ	161.5	170.3	179.9	214.6	248.7	275.1	293.6	335.9	374.7	404.0	427.5
14	IVAC$	B	INVENTORY VALUATION ADJUSTMENT	-23.0	-20.4	-19.6	-26.1	-28.4	-30.8	-32.2	-34.8	-35.6	-37.6	-39.5
15	CCAACP$	E	CCA, CUR PROFITS & IVA	-18.1	-21.4	-24.1	-25.1	-26.1	-27.1	-28.1	-29.1	-30.1	-31.1	-32.1
17	CPUBT$	I	PROFITS BEFORE TAXES	202.6	212.1	223.6	265.8	303.2	333.0	353.9	399.8	440.4	472.7	499.2
18	TXCCT$	I	PROFITS TAX LIABILITY	83.7	82.9	81.1	98.5	118.4	126.7	135.8	154.9	172.4	186.9	198.3
19	CPUAT$	I	PROFITS AFTER TAX	118.9	129.2	142.5	167.3	188.8	206.3	218.2	244.9	268.0	285.8	300.9
20	YDIVT$	B	DIVIDENDS	49.3	56.1	63.0	70.5	78.6	86.9	95.1	104.2	113.8	123.6	133.6
21	RET$	I	UNDISTRIBUTED PROFITS	69.6	73.2	79.5	96.8	110.2	119.5	123.0	140.7	154.2	162.2	167.2

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TABLE 27.00 PERSONAL INCOME (CURRENT $)

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	YPS	I		PERSONAL INCOME	1705.2	1881.0	2052.8	2263.4	2490.9	2723.6	2963.4	3230.5	3506.4	3789.1	4076.1
2															
3	WBCS	I		COMPENSATION OF EMPLOYEES	1299.5	1434.1	1556.4	1711.3	1875.9	2047.9	2227.1	2426.1	2636.0	2855.8	3083.2
4	WALDS	E		LESS: WAGE ACCRUALS LESS DISBURS.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5															
6	YDTHS	B		RENT, INTEREST AND PROP. INCOME	239.2	257.8	272.3	305.6	346.4	383.7	420.3	466.1	509.2	548.9	583.4
7	IVAHS	B		PROPRIETORS' INVENTORY VAL ADJ.	-1.9	-1.3	-1.7	-2.4	-2.6	-2.9	-3.0	-3.3	-3.4	-3.6	-3.8
8															
9	YFNTFS	E		FARM INCOME	24.3	28.1	30.7	32.7	34.7	36.7	38.7	40.7	42.7	44.7	47.1
10															
11	YDIVTS	B		DIVIDENDS	49.3	56.1	63.0	70.5	78.6	86.9	95.1	104.2	113.8	123.6	133.6
12															
13	YINTGCS	I		INTEREST (CONSUMERS AND GOV.)	52.95	63.15	70.62	75.79	80.29	84.39	88.29	91.79	95.19	97.89	100.59
14															
15	YINTCS	E		INTEREST PAID BY CONSUMERS	33.7	38.3	42.3	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3
16	YINTGSS	E		NET INTEREST PAID (STATE)	-7.7	-9.3	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
17	YINTGFS	E		NET INTEREST PAID (FEDERAL)	35.5	41.3	44.8	47.0	48.5	49.6	50.9	51.0	51.4	51.1	50.8
18															
19	TRTOPS	I		TRANSFER PAYMENTS	226.7	254.5	288.2	317.5	349.8	385.0	422.1	460.5	500.4	543.1	588.3
20															
21	TRBUS	E		BUSINESS TRANSFER PAYMENTS	10.7	11.8	13.0	13.8	14.6	15.4	16.2	17.0	17.8	18.6	19.4
22	TRGFPS	I		FED TRANS PAYMENTS TO PERSONS	182.3	204.3	231.6	255.0	281.2	309.9	340.3	371.8	404.6	439.9	477.5
23	TRTOPUS	B		SUPL UNEMPLOYMENT INS. BENEFITS	9.2	9.8	11.7	11.8	12.1	13.1	14.1	14.5	14.6	15.1	15.9
24	TRGFPOTHS			OTHER TRANSFER PAYMENTS	173.1	194.5	219.9	243.2	269.0	296.8	326.2	357.3	390.0	424.8	461.6
25	TRGSPS	I		STATE TRANSFER PAYMENTS	33.7	38.4	43.6	48.7	54.0	59.7	65.6	71.7	78.0	84.5	91.4
26															
27	TXCSTTS	I		LESS: CONTR. FOR SOC. INSUR.	164.0	188.7	201.9	220.8	243.4	267.3	292.5	320.7	350.8	382.6	415.7
28															
29	SUPTES	I		EMPLOYER	94.5	111.5	124.2	135.8	149.7	164.4	179.9	197.2	215.7	235.3	255.6
30	TXCSIPS	I		EMPLOYEE	69.4	77.2	77.7	85.0	93.7	102.9	112.6	123.5	135.0	147.3	160.0
31															
32	TXCPS	I		LESS: PERSONAL TAX PAYMENTS	255.2	279.5	303.0	343.4	385.1	427.6	471.8	518.2	567.1	618.0	673.3
33															
34	YPDS	I		EQUALS: DISPOSABLE PERSONAL INCOME	1450.1	1601.5	1749.8	1920.0	2105.7	2296.0	2491.6	2712.3	2939.3	3171.1	3402.8
35															
36	YPDOUTS	I		LESS: PERSONAL OUTLAYS	1311.2	1504.8	1635.6	1798.5	1970.1	2148.7	2332.8	2535.7	2745.3	2963.0	3182.1
37															
38	CES	I		PERSONAL CONSUMPTION EXP.	1336.5	1465.4	1592.2	1752.1	1920.7	2096.3	2277.5	2477.3	2683.9	2898.7	3114.7
39	YINTCS	E		INTEREST PAID BY CONSUMERS	33.7	38.3	42.3	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3
40	TRPERS	E		PERS TRANS PAY. TO FOR.	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
41															
42	YPDSAVS	I		EQUALS: PERSONAL SAVINGS	78.8	96.7	114.2	121.5	135.7	147.3	158.7	176.6	194.0	208.1	220.7
43															
44	YPDSAVR	B		PERSONAL SAVINGS RATE	5.4	6.0	6.5	6.3	6.4	6.4	6.4	6.5	6.6	6.6	6.5
45															
46				ADDENDUM: REAL INCOME (1972 $)											
47															
48	YPD	I		REAL DISPOSABLE PERSONAL INCOME	964.4	995.5	1021.1	1049.0	1080.6	1109.7	1138.4	1175.4	1212.7	1248.2	1281.1

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TABLE 28.00 SOURCES AND USES OF GROSS SAVINGS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	SVGS		GROSS PRIVATE SAVING	320.5	352.6	374.4	428.9	497.1	555.6	606.2	688.5	767.5	833.5	886.7
2														
3	YPDSAVS	I	PERSONAL SAVING	78.8	96.7	114.2	121.5	135.7	147.3	158.7	176.6	194.0	208.1	220.7
4	RETS	I	UNDISTRIBUTED CORPORATE PROFITS	69.6	73.2	79.5	96.8	110.2	119.5	123.0	140.7	154.2	162.2	167.2
5	IVACS	B	CORPORATE INVENTORY VALUATION ADJ.	-23.0	-20.4	-19.6	-26.1	-28.4	-30.8	-32.2	-34.8	-35.6	-37.6	-39.5
6	CCAACPS	E	CCA ADJUSTMENT, CORP. PROFITS	-18.1	-21.4	-24.1	-25.1	-26.1	-27.1	-28.1	-29.1	-30.1	-31.1	-32.1
7	CCATS	I	CAPITAL CONSUMPTION ALLOWANCES	217.1	242.2	265.7	293.4	323.5	355.5	389.4	425.5	463.9	504.9	548.2
8	WALDS	E	WAGE ACCRUALS LESS DISBURSEMENTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9														
10	GVSURPS		GOVT SURPLUS OR DEFICIT (-)	-3.9	-17.6	-41.3	-31.7	-17.7	-8.7	-4.7	9.7	21.1	27.0	22.2
11	GVSURPFS	I	FEDERAL GOVT SURP OR DEF(-)	-31.0	-40.6	-64.5	-56.5	-43.9	-37.2	-34.1	-22.2	-11.2	-4.4	-11.4
12	GVSURPSS	I	STATE & LOCAL SURP OR DEF(-)	27.1	22.9	23.2	24.8	26.2	28.4	29.4	31.8	32.3	31.4	33.6
13														
14	TFRSDRS		CAPITAL GRANTS RECD. BY U. S., NET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15														
16	IRGS		GROSS INVESTMENT	322.7	355.6	377.4	431.9	500.1	558.6	609.2	691.5	770.5	836.5	889.7
17	IBTS	I	GROSS PRIVATE DOMESTIC INVESTMENT	345.7	361.9	377.0	436.7	507.1	563.6	619.4	701.9	779.6	845.9	899.0
18	TRANFIS		NET FOREIGN INVESTMENT	-23.0	-6.4	0.4	-4.8	-7.0	-5.0	-10.3	-10.4	-9.1	-9.4	-9.2
19														
20	SDS	E	STATISTICAL DISCREPANCY	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
21														
22														
23			ADDENDUM:											
24														
25	VAR1		RATIO PERSONAL SAVING TO	24.3	26.1	27.5	26.4	26.4	26.1	26.0	26.0	26.0	25.8	25.5
26			GROSS PRIVATE SAVING											
27														
28	VAR2		RATIO UNDISTRIBUTED CORP. PROFITS,	14.4	14.2	14.4	15.3	15.9	15.7	14.9	15.6	15.9	15.4	14.8
29			ADJUSTED FOR CORP. IVA,											
30			TO GROSS PRIVATE SAVING											
31														
32	VAR3		RATIO CAP. CONS. ALLOW. TO	66.9	65.4	63.9	63.7	62.8	63.0	63.8	62.7	62.2	62.6	63.4

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TABLE 29.00 FINANCIAL SECTOR

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	FM4S	I		MONEY SUPPLY	976.2	1061.3	1150.0	1273.3	1407.1	1557.8	1711.2	1871.5	2042.0	2215.8	2388.3
2	FM4S	I		% CHANGE	10.8	8.7	8.4	10.7	10.5	10.7	9.8	9.4	9.1	8.5	7.8
3															
4	FCUS	B		CURRENCY	97.7	107.6	118.0	130.2	141.9	157.3	174.7	193.5	212.2	232.0	254.9
5	FCUS	B		% CHANGE	10.1	10.1	9.7	10.3	9.0	10.9	11.0	10.8	9.7	9.3	9.9
6															
7	FDBDPS	B		COMMERCIAL BANK DEMAND DEPOSITS	265.9	279.6	301.7	334.8	360.0	394.0	438.0	486.7	533.4	584.4	620.3
8	FDBDPS	B		% CHANGE	7.0	9.8	7.9	11.0	7.5	9.5	11.2	11.1	9.6	9.6	6.1
9															
10	FDBTS	B		COMMERCIAL BANK TIME DEPOSITS	612.5	674.0	730.3	808.2	905.3	1006.5	1098.5	1191.3	1296.3	1399.4	1513.1
11	FDBTS	B		% CHANGE	12.3	10.0	8.3	10.7	12.0	11.2	9.1	8.4	8.8	8.0	8.1
12															
13	FRRED1T	E		EFFECTIVE RESERVE REQUIREMENT RATIO	0.0466	0.0464	0.0458	0.0457	0.0456	0.0455	0.0454	0.0453	0.0452	0.0451	0.0450
14	FRERS*	I		REQUIRED RESERVES	41.0	44.3	47.3	52.3	57.7	63.8	69.8	76.1	82.8	89.5	96.1
15	FRENS*	I		NONBORROWED RESERVES	40.2	44.3	47.2	52.2	57.6	64.0	70.0	76.2	82.6	89.4	96.2
16	FREFS*	E		FREE RESERVES	-0.7	-0.0	-0.2	-0.1	-0.1	0.2	0.2	0.1	-0.2	-0.1	0.1
17															
18	FRMDFRB	E		DISCOUNT RATE	7.43	9.54	8.63	8.83	8.28	7.92	7.46	6.78	6.48	6.57	6.42
19	FRMCP4M	B		PRIME COMMERCIAL PAPER RATE 4-6 MO.	8.10	10.01	8.63	8.71	8.36	7.73	7.23	7.18	7.02	6.89	6.85
20															
21	FRMCS	B		ALL BOND RATE	9.06	9.79	9.64	9.75	9.91	9.31	9.04	8.78	8.56	8.35	8.30
22															
23	FRMCSI	B		INDUSTRIAL	8.90	9.62	9.47	9.58	9.73	9.15	8.89	8.64	8.43	8.22	8.18
24	FRMCSR	B		RAILS	8.74	9.45	9.30	9.41	9.58	8.96	8.69	8.42	8.19	7.98	7.93
25	FRMCSU	B		UTILITIES	9.22	9.97	9.81	9.93	10.10	9.47	9.18	8.91	8.68	8.46	8.41
26															
27	FRMRPE	E		RATE ON SAVINGS DEPOSITS	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
28	FRMCDC	E		MAX. RATE ON TIME DEP. UNDER REG. Q	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
29															
30	FRMHSE	B		MORTGAGE RATE, NEWLY BUILT HOMES	9.68	10.46	10.30	10.37	10.44	10.02	9.82	9.66	9.51	9.37	9.34
31	DUMSPREAD	I		DUMMY FOR INTEREST RATE SPREAD	0.58	0.20	0.60	0.62	0.82	0.83	0.92	0.84	0.82	0.78	0.78
32															
33	FSELS	B		EXTERNAL LIABILITIES	213.1	284.5	299.7	353.1	400.1	442.6	490.1	547.4	612.3	680.7	754.7
34	FSECS	B		EXTERNAL CLAIMS	104.0	114.0	122.0	132.0	142.2	153.3	164.1	176.9	195.3	213.9	232.1
35															
36	FRMED3M	E		3 MO. EURODOLLAR RATE	8.59	10.72	9.04	9.42	9.47	9.12	8.72	8.42	8.22	8.12	8.02

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TABLE 30.00 FEDERAL GOVERNMENT RECEIPTS AND EXPENDITURES (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GVRFS	I	RECEIPTS	429.8	467.1	491.3	550.4	615.9	679.1	741.5	815.0	890.1	965.2	1032.4
2														
3	TXCPFS	B	PERSONAL INCOME TAX	192.1	209.0	225.0	254.9	285.1	315.4	346.7	377.9	410.7	444.7	478.4
4	TXCCFS	B	CORPORATE PROFITS TAX	71.5	69.4	66.5	80.3	93.1	102.4	100.8	123.1	135.6	145.6	153.9
5	TXCBFS	B	INDIRECT BUSINESS TAX	27.8	29.0	29.6	28.7	31.8	34.8	37.7	41.3	44.9	48.5	45.1
6	TXCBFEGAS$	B	INDIR BUSINESS TAX, GASOLINE	3.1	3.2	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2
7	TXCAFENG$	E	ENERGY BILL RECEIPTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	TXCBF-G-E$		INDIR BUSINESS TAX, OTHER	24.7	25.7	26.2	25.2	28.4	31.4	34.4	38.0	41.7	45.3	41.9
9	TXCSFT$	I	CONTRIB FOR SOCIAL INSURANCE	138.4	159.8	170.2	186.3	205.9	226.5	248.3	272.7	298.8	326.4	355.1
10	TXCSFTS$	B	OASDHI CONTRIBUTIONS	108.8	126.4	133.2	144.4	158.8	173.9	189.8	207.7	226.7	246.9	267.9
11	TXCSFT-S$	B	TOTAL LESS OASDHI	29.6	33.3	37.1	41.8	47.1	52.6	58.4	65.1	72.1	79.5	87.2
12														
13	GVEFS	I	EXPENDITURES	460.9	507.7	555.8	606.8	659.8	716.3	775.6	837.2	901.4	969.6	1041.9
14														
15	GVPFS	I	PURCHASES OF GOODS AND SERVICES	153.3	167.8	180.9	197.7	215.3	233.6	252.7	272.5	293.0	314.8	337.5
16	GVPFDS	I	NATIONAL DEFENSE	99.7	106.5	115.3	125.4	135.8	146.6	157.8	169.3	181.1	193.5	206.4
17	GVPFOS	I	NONDEFENSE	53.7	61.3	65.6	72.4	79.5	87.0	94.9	103.2	111.9	121.3	131.1
18	TRGFS	I	TRANSFER PAYMENTS	185.9	208.4	236.2	259.7	286.1	315.0	345.6	377.3	410.3	445.9	483.7
19	TRGFPS	I	TO PERSONS	182.3	204.3	231.6	255.0	281.2	309.9	340.3	371.8	404.6	439.9	477.5
20	TRTOPUS	A	SUPL UNEMPL INSUR BENEFITS	9.2	9.8	11.7	11.8	12.1	13.1	14.1	14.5	14.6	15.1	15.9
21	TRGFPFS		FOOD STAMP BENEFITS	4.6	4.1	4.0	4.3	4.7	5.0	5.4	5.8	6.2	6.6	7.0
22	TRGFPM+VS		MILITARY RET & VET BENEFITS	26.2	29.3	32.6	36.2	39.9	43.9	48.0	52.4	57.0	61.8	66.9
23	TRGFPSHS		MEDICARE	26.0	31.1	37.4	43.0	48.8	55.2	62.1	69.7	77.8	86.8	96.4
24	TRGFPSOS		SOCIAL SECURITY BENEFITS	91.8	104.5	119.6	130.9	144.3	158.6	173.6	189.4	205.9	223.4	241.7
25	TRGFPRES$		OTHER TRANSFER PAYMENTS	24.6	25.6	26.4	28.7	31.3	34.1	37.0	40.0	43.0	46.2	49.5
26	TRGFFS	E	TO FOREIGNERS (NET)	3.5	4.1	4.5	4.7	4.9	5.1	5.3	5.5	5.8	6.0	6.2
27	GVGIA$	E	GRANTS-IN-AID TO STATE, LOC GOV	76.3	80.7	84.4	91.7	99.2	107.4	116.2	125.7	136.0	147.1	161.2
28	YINTGFS	E	NET INTEREST PAID	35.5	41.3	44.8	47.0	48.5	49.6	50.5	51.0	51.4	51.1	50.8
29	GVSUBTFS	E	SUBSIDIES LESS CURRENT SURPLUS	9.9	9.5	9.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
30	GVSURPFS	I	SURPLUS OR DEFICIT (-)	-31.0	-40.6	-64.5	-56.5	-41.9	-37.2	-34.1	-22.2	-11.2	-4.4	-11.4
31														
32			EFFECTIVE TAX RATES (%)											
33	TXCPFS/YPS		PERSONAL INCOME TAX	11.27	11.11	10.96	11.26	11.45	11.58	11.70	11.70	11.71	11.74	11.74
34	TXCCFS/CPURTS		CORPORATE PROFITS TAX	35.30	32.69	29.74	30.30	30.72	30.74	30.76	30.78	30.80	30.81	30.82
35	TXCBFS/YNS		INDIRECT BUSINESS TAX	1.63	1.55	1.47	1.28	1.28	1.28	1.28	1.28	1.28	1.27	1.10
36	TXCBFEGAS/CENG		INDIR BUSINESS TAX, GASOLINE	6.12	5.74	5.39	5.00	4.66	4.35	4.08	3.85	3.64	3.45	3.28
37	TXCBF-G-ES/YNS		INDIR BUSINESS TAX, OTHER	1.45	1.38	1.30	1.13	1.15	1.16	1.17	1.18	1.18	1.19	1.02
38	TXCSFTS/WAC$		CONTRIBUTIONS FOR SOCIAL INSURANCE	10.65	11.14	10.94	10.88	10.98	11.06	11.15	11.24	11.34	11.43	11.52

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TABLE 31.00 STATE AND LOCAL RECEIPTS AND EXPENDITURES (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GVRSS	I	RECEIPTS	327.2	352.9	380.4	418.4	460.3	506.4	555.1	608.4	662.3	719.3	784.7
2														
3	TXCPSS	B	PERSONAL INCOME TAX	63.1	70.5	78.0	88.5	100.0	112.2	125.2	140.3	156.4	173.3	194.8
4	TXCCSS	B	CORPORATE PROFITS TAX	12.2	13.5	14.6	17.9	21.3	24.3	26.9	31.9	36.8	41.2	44.5
5	TXCRSS	B	INDIRECT BUSINESS TAX	150.1	159.3	171.7	185.7	202.2	221.8	242.7	262.6	281.2	301.5	323.6
6	TXCRSSGASS	B	INDIRECT BUSINESS TAX, GASOLINE	6.6	7.1	7.6	7.9	8.0	8.1	8.1	8.1	8.2	8.3	8.4
7	TXCRS-GASS		INDIRECT BUSINESS TAX, OTHER	143.4	152.1	164.1	177.9	194.2	213.7	234.6	254.5	273.0	293.2	315.3
8	TXCSSIS	B	CONTRIB FOR SOCIAL INSURANCE	25.6	28.9	31.6	34.5	37.5	40.8	44.2	47.9	51.9	56.2	60.6
9	GVGIAS	E	FEDERAL GRANTS-IN-AID	76.3	80.7	84.4	91.7	99.2	107.4	116.2	125.7	136.0	147.1	161.2
10														
11	GVESS	I	EXPENDITURES	300.1	330.0	357.2	393.5	434.1	478.0	525.7	576.6	630.0	687.9	751.1
12														
13	GVPSS	I	PURCHASES OF GOODS AND SERVICES	280.1	306.9	330.3	361.6	396.7	435.0	476.7	521.5	568.7	620.0	676.4
14	GVPSOEDS	I	EDUCATION	115.6	126.6	134.8	146.0	158.4	171.8	186.2	201.3	217.0	233.8	251.9
15	GVPSOHW-CS	I	HEALTH AND WELFARE	60.7	70.9	77.2	86.6	97.3	109.3	122.7	137.5	153.4	171.2	191.1
16	GVPSOHWCS	I	SAFETY	22.0	24.2	25.9	28.6	31.7	35.2	38.9	42.9	47.3	52.0	57.2
17	GVPSORESS	I	OTHER	77.7	85.2	92.4	100.4	109.2	118.7	129.0	139.8	151.0	163.1	176.2
18	TRGSPS	I	TRANSFER PAYMENTS	33.7	38.4	43.6	48.7	54.0	59.7	66.6	71.7	78.0	84.5	91.4
19	YINTGSS	E	NET INTEREST PAID	-7.7	-9.3	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
20	GVSUBTSS	E	LESS: CURR SURP OF GOVT ENTER	-5.9	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0
21	GVSURPSS	I	SURPLUS OR DEFICIT (-)	27.1	22.9	23.2	24.8	26.2	28.4	29.4	31.8	32.3	31.4	33.6
22														
23			EFFECTIVE TAX RATES (%)											
24														
25	TXCPSS/YPS		PERSONAL INCOME TAX	3.70	3.75	3.80	3.91	4.02	4.12	4.22	4.34	4.46	4.57	4.78
26	TXCCSS/CPUBTS		CORPORATE PROFITS TAX	6.01	6.39	6.55	6.75	7.02	7.31	7.60	7.97	8.35	8.72	8.91
27	TXCRSS/YNS		INDIRECT BUSINESS TAX	8.82	8.54	8.53	8.31	8.17	8.18	8.24	8.13	7.98	7.91	7.90
28	TXCRSSGAS/CENQ		INDIRECT BUSINESS TAX, GASOLINE	13.17	12.62	12.13	11.48	10.88	10.36	9.91	9.53	9.20	8.90	8.63
29	TXCRS-GASS/YNS	I	INDIRECT BUSINESS TAX, OTHER	8.43	8.15	8.15	7.96	7.85	7.89	7.97	7.88	7.75	7.69	7.70
30	TXCSSIS/WRCS		CONTRIBUTIONS FOR SOCIAL INSURANCE	1.97	2.01	2.03	2.02	2.00	1.99	1.98	1.98	1.97	1.97	1.97

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TABLE 17.00 PERSONAL AND INDIRECT TAX RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			STATE TAXES (EFFECTIVE RATES)											
2														
3	TXRPTES	I	PERSONAL INCOME----------	4.07	4.14	4.23	4.36	4.48	4.60	4.72	4.85	4.98	5.11	5.34
4	TXRSTES	I	SOCIAL INSURANCE----------	2.12	2.18	2.21	2.19	2.17	2.16	2.16	2.15	2.15	2.14	2.14
5	TXRCIES	I	CORPORATE INCOME----------	6.01	6.39	6.55	6.75	7.02	7.31	7.60	7.97	8.35	8.72	8.91
6	TXRBTES	I	INDIRECT TAXES----------	8.82	8.54	8.53	8.31	8.17	8.18	8.24	8.13	7.98	7.91	7.90
7														
8			FEDERAL TAXES											
9														
10	TXRPTEF	I	PERSONAL INCOME (AVE RATE)---	12.94	12.80	12.75	13.12	13.35	13.54	13.71	13.73	13.76	13.81	13.86
11														
12	TXRPTNFY1	E	TAX RATE 1ST BRACKET-------	14.00	11.39	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16
13	TXRPTNFY2	E	TAX RATE 2ND BRACKET-------	15.00	14.24	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96
14	TXRPTNFY3	E	TAX RATE 3RD BRACKET-------	16.00	15.66	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35
15	TXRPTNFY4	E	TAX RATE 4TH BRACKET-------	17.00	16.28	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95
16	TXRPTNFY5	E	TAX RATE 5TH BRACKET-------	19.00	18.11	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74
17	TXRPTNFY6	E	TAX RATE 6TH BRACKET-------	22.00	20.83	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42
18	TXRPTNFY7	E	TAX RATE 7TH BRACKET-------	25.00	23.80	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33
19	TXRPTNFY8	E	TAX RATE 8TH BRACKET-------	28.00	27.46	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92
20	TXRPTNFY9	E	TAX RATE 9TH BRACKET-------	32.00	31.13	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50
21														
22			INCOME PROP. BY TAX BRACKET											
23														
24	TXOPFY1	B	PROPORTION IN 1ST BRACKET--	0.0426	0.0319	0.0291	0.0282	0.0277	0.0273	0.0264	0.0236	0.0209	0.0184	0.0163
25	TXOPFY2	B	PROPORTION IN 2ND BRACKET--	0.0457	0.0350	0.0321	0.0309	0.0302	0.0297	0.0286	0.0256	0.0227	0.0200	0.0177
26	TXOPFY3	B	PROPORTION IN 3RD BRACKET--	0.0662	0.0513	0.0455	0.0430	0.0411	0.0396	0.0375	0.0329	0.0284	0.0242	0.0204
27	TXOPFY4	B	PROPORTION IN 4TH BRACKET--	0.0584	0.0554	0.0522	0.0495	0.0476	0.0462	0.0442	0.0395	0.0349	0.0305	0.0267
28	TXOPFY5	B	PROPORTION IN 5TH BRACKET--	0.3007	0.2822	0.2771	0.2694	0.2692	0.2705	0.2703	0.2633	0.2563	0.2495	0.2431
29	TXOPFY6	B	PROPORTION IN 6TH BRACKET--	0.2056	0.2245	0.2286	0.2281	0.2267	0.2256	0.2270	0.2318	0.2361	0.2399	0.2438
30	TXOPFY7	B	PROPORTION IN 7TH BRACKET--	0.1206	0.1467	0.1547	0.1583	0.1585	0.1560	0.1557	0.1668	0.1778	0.1883	0.1976
31	TXOPFY8+	B	PROPORTION IN 8TH BRACKET--	0.1602	0.1730	0.1807	0.1926	0.1991	0.2092	0.2104	0.2166	0.2228	0.2291	0.2343
32														
33			EXEMPTIONS & DEDUCTIONS											
34			(MILLION CURRENT $)											
35														
36	TXOPFRN	B	TOTAL NUMBER OF RETURNS----	90.52	93.13	95.89	98.15	100.18	101.93	103.51	105.34	107.26	109.14	110.76
37	TXOPFEN	B	NUMBER OF EXEMPTIONS-------	230.66	232.56	234.73	236.99	239.06	240.87	242.53	244.54	246.69	248.78	250.60
38	TXOPFEVS	E	VALUE OF EXEMPTIONS (THOU)-	0.750	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
39	TXOPFRNS	I	NUMBER OF STAN DEDUCTIONS--	58.22	59.08	59.87	60.29	60.32	59.97	59.41	59.11	59.02	58.84	58.20
40	TXOPFRNI	I	NUMBER OF ITEM DEDUCTIONS--	32.30	34.05	36.02	37.86	39.85	41.96	44.10	46.22	48.24	50.29	52.56
41	TXOPFDVSPRS	E	VALUE OF STAN DEDUC PER RET	2.530	2.669	2.870	3.047	3.224	3.405	3.578	3.750	3.922	4.094	4.266
42	TXOPFDVIPRS	B	VALUE OF ITEM DEDUC PER RET	6.288	6.127	6.298	6.904	7.663	8.423	9.198	10.065	10.947	11.822	12.671
43	TXOPFDVSS	I	VALUE OF STAN DEDUCTIONS---	147.3	158.9	171.8	183.7	194.5	204.2	212.6	221.7	231.5	240.9	248.3
44	TXOPFDVIS	I	VALUE OF ITEM DEDUCTIONS---	203.1	208.6	223.6	261.4	305.4	353.4	405.6	465.2	528.1	594.6	666.0
45	TXOPFDVS	I	VALUE OF DEDUCTIONS--------	350.4	367.5	395.4	445.1	499.8	557.6	618.1	686.9	759.5	835.4	914.3
46	RATXOPFRNS	B	RATIO: SD RETURNS TO TOTAL-	0.6431	0.6344	0.6244	0.6143	0.6022	0.5883	0.5740	0.5612	0.5503	0.5392	0.5255

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TABLE 37.00 PERSONAL AND INDIRECT TAX RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	YPTAX$$	I	TAXABLE INCOME (NIA BASIS)---	1024.6	1103.6	1212.1	1348.9	1495.9	1643.1	1793.2	1962.0	2134.8	2309.1	2482.9
2														
3	TXRBIEF	I	INDIRECT TAXES----------	1.63	1.55	1.47	1.28	1.28	1.28	1.28	1.28	1.28	1.27	1.10
4														
5			SOCIAL INSURANCE											
6														
7	TXRSTEF	I	EFFECTIVE TAX RATE----------	11.49	12.08	11.89	11.82	11.93	12.03	12.13	12.24	12.35	12.45	12.56
8	TXRSTNF	E	STATUTORY TAX RATE RATE-----	12.10	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
9	TXOSNINO	E	EFFECTIVE COVERAGE----------	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
10	TXOSMAXYS	E	EARNINGS BASE---------------	17.70	22.90	22.90	22.90	24.50	26.22	28.05	30.02	32.12	34.37	36.77
11			RATIOS (%):											
12	TXCSTPS/TXCSTTS	E	PERS CONTRIB TO SI / TOTAL-	42.34	40.91	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50
13	RAWLSS	B	TAXABLE ERNGS / COV ERNGS--	85.35	89.00	89.90	88.48	88.44	88.43	88.46	88.49	88.58	88.71	88.87
14	RAWLSC	E	COV ERNGS / TOT PRIV ERNGS-	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00
15			NON-OASDHI CONTRIB TO SI /											
16	RATXCSFT-$	E	PERS INC LESS TRANSFERS---	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	CCAACPS		E	-18.12	-21.43	-24.11	-25.11	-26.11	-27.11	-28.11	-29.11	-30.11	-31.11	-32.11
2	CCAAYENTBS		E	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
3	CCAAYENTFS		E	-5.23	-5.76	-6.56	-7.36	-8.16	-8.96	-9.76	-10.56	-11.36	-12.16	-12.96
4	CCAAYRENTS		E	-20.94	-23.08	-25.08	-27.08	-29.08	-31.08	-33.08	-35.08	-37.08	-39.08	-41.08
5	CCARNTAG		E	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
6	CCARNTCO		E	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
7	CCARNTMFD24		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	CCARNTMFD25		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
9	CCARNTMFD32		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10	CCARNTMFD33		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
11	CCARNTMFD34		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	CCARNTMFD35		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13	CCARNTMFD36		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
14	CCARNTMFD37SP2		E	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
15	CCARNTMFD371		E	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
16	CCARNTMFD38		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
17	CCARNTMFN20		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
18	CCARNTMFN21		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
19	CCARNTMFN22		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
20	CCARNTMFN23		E	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
21	CCARNTMFN26		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
22	CCARNTMFN27		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
23	CCARNTMFN28		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
24	CCARNTMFN29		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
25	CCARNTMFN30		E	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
26	CCARNTMFN31		E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
27	CCARNTMG		E	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
28	CCARNTRGC48		E	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
29	CCARNTRGI		E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
30	CCARNTRGII49		E	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
31	CCARRMH		E	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
32	CCARRSM		E	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061
33	CCARR3I		E	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863
34	CEDAVR+T/VN		E	23.18	25.85	28.86	28.96	29.06	29.16	29.26	29.36	29.46	29.56	29.66
35	CENCGS/P		E	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09
36	CENFGS/P		E	3.40	3.30	3.30	3.30	3.37	3.43	3.50	3.57	3.64	3.72	3.79
37	CESOPS$/P		E	15.60	15.90	16.10	16.10	16.30	16.50	16.70	16.90	17.10	17.30	17.50
38	DUMAUTOCA		E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	DUMAUTOS		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	DUMAUTOS70		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	DUMCCA		E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	DUMDOCK		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	DUMEXPD		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	DUMFRMCDC		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	DUMFRMCDCOFF		E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
46	DUMIPW1		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	DUMIPW2		E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
48	DUMITL		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	DUMPRD		E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	DUMPXMFD25		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	DUMPXMFN20		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	DUMPXMFN22	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	DUMPXMFN26	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	DUMSTLS	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	DUMSTPMFD25	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	DUMSTPMFD33P2	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	DUMSTPMFN26	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	DUMSTPMFN30	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	DUMSTPMG	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	DUMTIME46	E	78.00	79.00	80.00	81.00	82.00	83.00	84.00	85.00	86.00	87.00	88.00
10	DUMTRTOPO	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	DUMTXCBAUTO	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12	DUMTXCB65	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	DUMTXCPF65	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	DUMTXCPF69	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	DUMTXCPF72	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	DUMTXCPF73	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	DUMTXPF47,71	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	DUMTXPF64,69	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	DUMTXPF70.71	E	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77
20	DUMTXPF71	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	DUMWAR	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	DUMWRCMFD33	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	DUMWRCMFN21	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	DUM70-74	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	FREFS*	E	-0.734	-0.000	-0.194	-0.100	-0.100	0.200	0.200	0.100	-0.200	-0.100	0.100
26	FRMRPE	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
27	FRMCDC	E	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
28	FRMDFRB	E	7.43	9.54	8.61	8.83	8.20	7.92	7.46	6.78	6.48	6.57	6.42
29	FRMEDSM	E	8.59	10.72	9.04	9.42	9.47	9.12	8.72	8.42	8.22	8.12	8.02
30	FRRED+T	F	0.0466	0.0464	0.0458	0.0457	0.0456	0.0455	0.0454	0.0453	0.0452	0.0451	0.0450
31	GVGIAS	E	76.30	80.67	84.45	91.70	99.22	107.36	116.16	125.68	135.99	147.14	161.21
32	GVPF/NEETTGVP	E	36.281	37.164	37.801	38.554	39.311	40.066	40.821	41.576	42.331	43.086	43.841
33	GVPFD	E	65.05	65.34	66.72	67.84	69.01	70.18	71.37	72.58	73.81	75.07	76.31
34	GVPFO	E	35.04	37.61	37.99	39.17	40.38	41.63	42.92	44.25	45.62	47.04	48.47
35	GVPS/NEETTGVS	E	13.601	13.623	13.403	13.583	13.763	13.943	14.123	14.303	14.483	14.663	14.863
36	GVPSOED	E	72.15	73.92	74.11	75.21	76.60	78.02	79.59	81.19	82.65	84.18	85.74
37	GVPSOHW+C	E	40.42	41.42	42.43	44.60	47.05	49.64	52.46	55.40	58.45	61.66	65.05
38	GVPSOHWC	E	13.76	14.10	14.24	14.76	15.35	15.96	16.63	17.31	18.00	18.72	19.47
39	GVPSORES	E	48.51	49.71	50.83	51.71	52.80	53.91	55.13	56.34	57.52	58.73	60.00
40	GVSUBTFS	E	9.87	9.47	9.52	10.72	10.72	10.72	10.72	10.72	10.72	10.72	10.72
41	GVSUBTSS	E	-5.92	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00
42	HORTOSM	E	1.214	1.203	1.221	1.204	1.188	1.171	1.155	1.139	1.123	1.106	1.106
43	HORTOSI	E	0.595	0.592	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595
44	HSPRF	E	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
45	HSPUSM	E	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	HSPUSI	E	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
47	IAMFN21	E	0.17	0.17	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25
48	IBFRE	E	1.32	1.28	1.38	1.48	1.58	1.68	1.78	1.88	1.98	2.08	2.18
49	IBFRF	E	0.82	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
50	IBIF	E	-0.70	-0.12	0.25	0.45	0.02	-0.17	0.05	0.17	0.13	0.10	0.10
51	ITRAAG	E	5.920	5.920	7.696	7.696	7.696	7.696	7.696	7.696	7.696	7.696	7.696

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	ITRACM	E	5.29	5.29	6.87	6.87	6.87	6.87	6.87	6.87	6.87	6.87	6.87
2	ITRAMFD24	E	8.46	8.46	10.99	10.99	10.99	10.99	10.99	10.99	10.99	10.99	10.99
3	ITRAMFD25	E	6.55	6.55	8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52
4	ITRAMFD32	E	8.14	8.14	10.58	10.58	10.58	10.58	10.58	10.58	10.58	10.58	10.58
5	ITRAMFD33	E	8.56	8.56	11.12	11.12	11.12	11.12	11.12	11.12	11.12	11.12	11.12
6	ITRAMFD34	E	7.88	7.88	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25
7	ITRAMFD35	E	6.31	6.31	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
8	ITRAMFD36	E	7.93	7.93	10.31	10.31	10.31	10.31	10.31	10.31	10.31	10.31	10.31
9	ITRAMFD379P2	E	7.31	7.31	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
10	ITRAMFD371	E	8.97	8.97	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66
11	ITRAMFD38	E	7.57	7.57	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84
12	ITRAMFN20	E	7.74	7.74	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07
13	ITRAMFN21	E	8.41	8.41	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93
14	ITRAMFN22	E	8.38	8.38	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89
15	ITRAMFN23	E	7.02	7.02	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12
16	ITRAMFN26	E	9.10	9.10	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83
17	ITRAMFN27	E	7.89	7.89	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26
18	ITRAMFN28	E	8.69	8.69	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29
19	ITRAMFN29	E	6.31	6.31	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
20	ITRAMFN30	E	8.16	8.16	10.61	10.61	10.61	10.61	10.61	10.61	10.61	10.61	10.61
21	ITRAMFN31	E	5.18	5.18	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74
22	ITRAMG	E	6.19	6.19	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05
23	ITRARGC48	E	5.02	5.02	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53
24	ITRARGT	E	6.30	6.30	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19
25	ITRARGU49	E	5.58	5.58	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25
26	LNTAG	E	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05
27	LNTCM	E	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17
28	LNTMFD24	E	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61
29	LNTMFD25	E	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81
30	LNTMFD32	E	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26
31	LNTMFD33	E	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60
32	LNTMFD34	E	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40
33	LNTMFD35	E	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86
34	LNTMFD36	E	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30
35	LNTMFD379P2	E	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46
36	LNTMFD371	E	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64
37	LNTMFD38	E	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60
38	LNTMFN20	E	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04
39	LNTMFN21	E	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97
40	LNTMFN22	E	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37
41	LNTMFN23	E	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29
42	LNTMFN26	E	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73
43	LNTMFN27	E	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
44	LNTMFN28	E	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37
45	LNTMFN29	E	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63
46	LNTMFN30	E	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30
47	LNTMFN31	E	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44
48	LNTMG	E	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17
49	LNTRGC48	E	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75
50	LNTRGT	E	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11
51	LNTRGU49	E	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	MPGC		E	11,290	12,010	12,900	14,160	15,420	16,685	17,319	17,682	17,859	18,038	18,218
2	MPGH		E	20,950	22,220	23,780	25,920	28,045	30,149	31,114	31,518	31,754	31,993	32,232
3	MWR		E	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350
4	NCF		E	58,26	59,27	60,26	61,27	62,31	63,32	64,29	65,20	66,10	66,97	67,82
5	NCH		E	75,94	77,50	79,06	80,65	82,24	83,82	85,36	86,86	88,31	89,74	91,14
6	NCU		E	21,57	22,12	22,68	23,24	23,78	24,32	24,86	25,40	25,90	26,39	26,88
7	NEHNSE		E	6278,66	6435,00	6697,49	6807,00	6917,00	7027,00	7137,00	7247,00	7357,00	7467,00	7577,00
8	NEHNUF		E	478,17	470,00	470,00	470,00	470,00	470,00	470,00	470,00	470,00	470,00	470,00
9	NEHNWS-ET		E	-1388,51	-1500,28	-1500,44	-1476,00	-1452,00	-1428,00	-1404,00	-1380,00	-1356,00	-1332,00	-1308,00
10	NLH		E	2,12	2,09	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07
11	NLMINDTT		E	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
12	NPFR		E	1836,8999	1853,8999	1870,8000	1916,6001	1944,2000	1962,1001	1978,3999	1994,1001	2007,8000	2021,2000	2034,6001
13	NPFR15,19		E	55,2000	55,4000	55,5000	55,8000	55,5000	54,7000	53,8000	52,8000	52,1400	51,4800	50,8200
14	NPFR20,24		E	118,3000	121,3000	124,2000	128,2000	131,2000	133,5000	135,6000	137,4000	138,3200	139,2400	140,1600
15	NPIF16,17		E	4,13	4,06	3,99	3,89	3,70	3,55	3,46	3,44	3,50	3,58	3,67
16	NPIF18,19		E	4,21	4,23	4,22	4,15	4,09	3,97	3,79	3,63	3,54	3,52	3,58
17	NPIF20,24		E	10,16	10,30	10,39	10,49	10,47	10,42	10,34	10,18	9,89	9,60	9,29
18	NPIF25,29		E	9,06	9,25	9,49	9,69	9,92	10,10	10,24	10,33	10,42	10,41	10,35
19	NPIF30,34		E	8,01	8,35	8,69	9,14	9,11	9,27	9,47	9,70	9,91	10,14	10,32
20	NPIF35,39		E	6,67	6,94	7,17	7,29	7,86	8,10	8,44	8,79	9,24	9,21	9,36
21	NPIF40,44		E	5,80	5,90	6,00	6,14	6,36	6,72	6,99	7,22	7,34	7,91	8,15
22	NPIF45,49		E	5,82	5,74	5,65	5,64	5,67	5,73	5,83	5,92	6,07	6,28	6,64
23	NPIF50,54		E	6,13	6,06	6,02	5,99	5,86	5,79	5,71	5,62	5,61	5,64	5,70
24	NPIF55,59		E	5,87	5,93	5,94	5,95	5,90	5,86	5,80	5,76	5,69	5,61	5,53
25	NPIF60,64		E	5,01	5,09	5,21	5,32	5,46	5,56	5,62	5,63	5,63	5,59	5,55
26	NPIF65,69		E	4,77	4,82	4,84	4,88	4,90	4,94	5,02	5,14	5,25	5,38	5,48
27	NPIF70,74		E	3,67	3,80	3,94	4,03	4,10	4,16	4,20	4,22	4,26	4,28	4,31
28	NPIF75+		E	5,80	5,94	6,08	6,24	6,40	6,58	6,77	6,98	7,15	7,32	7,50
29	NPIM16,17		E	4,29	4,22	4,16	4,04	3,84	3,69	3,60	3,58	3,64	3,73	3,82
30	NPIM18,19		E	4,30	4,32	4,32	4,24	4,18	4,06	3,87	3,71	3,62	3,60	3,67
31	NPIM20,24		E	10,29	10,43	10,51	10,61	10,60	10,54	10,47	10,31	10,02	9,71	9,40
32	NPIM25,29		E	8,98	9,18	9,43	9,62	9,85	10,02	10,15	10,24	10,33	10,31	10,26
33	NPIM30,34		E	7,88	8,21	8,55	8,99	8,97	9,13	9,33	9,57	9,77	9,99	10,17
34	NPIM35,39		E	6,39	6,65	6,87	7,00	7,57	7,81	8,14	8,49	8,92	8,89	9,04
35	NPIM40,44		E	5,52	5,61	5,69	5,84	6,05	6,41	6,67	6,89	7,02	7,58	7,83
36	NPIM45,49		E	5,54	5,47	5,38	5,36	5,38	5,43	5,52	5,60	5,75	5,95	6,31
37	NPIM50,54		E	5,70	5,66	5,64	5,60	5,54	5,47	5,39	5,31	5,29	5,31	5,36
38	NPIM55,59		E	5,37	5,43	5,45	5,46	5,42	5,40	5,37	5,35	5,31	5,25	5,18
39	NPIM60,64		E	4,81	4,48	4,58	4,68	4,82	4,91	4,97	4,99	4,99	4,96	4,95
40	NPIM65,69		E	3,79	3,84	3,87	3,90	3,92	3,95	4,01	4,11	4,21	4,33	4,41
41	NPIM70,74		E	2,68	2,76	2,86	2,91	2,97	3,01	3,06	3,08	3,11	3,13	3,15
42	NPIM75+		E	3,28	3,34	3,41	3,48	3,56	3,65	3,74	3,85	3,93	4,02	4,10
43	NPTWNA		E	14,40	14,30	14,20	14,10	14,00	13,90	13,80	13,70	13,60	13,50	13,40
44	NP100,04		E	15,36	15,68	16,09	16,69	17,33	17,95	18,48	18,88	19,15	19,33	19,45
45	NP105,09		E	16,89	16,49	16,10	15,57	15,42	15,54	15,86	16,26	16,86	17,51	18,12
46	NP110,14		E	18,58	18,06	17,80	17,82	17,64	17,36	16,96	16,56	16,03	15,87	15,98
47	NP115		E	4,14	4,08	3,91	3,69	3,59	3,51	3,56	3,64	3,72	3,41	3,23
48	PDIBFRE		E	132,25	139,19	146,15	157,83	168,76	180,53	192,14	203,96	215,77	227,58	239,39
49	PDIBFRF		E	179,35	201,11	221,79	234,75	247,88	260,86	273,83	286,98	300,13	313,27	327,45
50	PTATD		F	140,76	148,93	152,50	156,16	159,91	163,75	167,68	171,70	175,82	180,05	184,37
51	PTATI		E	140,95	155,19	159,29	163,59	168,01	172,54	177,20	181,98	186,90	191,94	197,12

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PTIMN		E	225.67	242.50	259.32	278.25	297.30	316.30	336.58	358.22	380.61	404.10	428.31
2	PTMBS+DE		E	140.40	151.86	160.34	165.94	171.73	175.77	179.90	184.12	188.45	192.88	197.41
3	PTMEGICM		E	393.04	418.96	445.19	477.71	511.01	542.90	578.96	615.60	651.99	688.50	727.02
4	PTMEGIFC		E	290.13	293.36	309.54	334.96	360.87	387.95	415.26	442.66	471.04	499.29	528.96
5	PTMEGIFM		E	148.10	155.50	165.80	179.51	193.24	206.88	220.56	235.26	249.96	264.66	280.00
6	PTMEGIMF		E	196.23	215.12	229.83	244.03	258.26	273.11	288.33	304.43	321.17	338.25	356.23
7	PTMEGIMS		E	270.70	301.60	338.70	372.57	402.38	426.52	449.98	474.27	499.41	525.38	552.17
8	PURGTF		E	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
9	PURGT3		E	8.60	8.80	9.00	9.18	9.35	9.53	9.71	9.91	10.11	10.31	10.51
10	PUTMCGT3OT		E	8.99	9.53	10.05	10.60	11.19	11.80	12.45	13.13	13.86	14.62	15.42
11	PUTMCGT32V		E	51.45	56.39	59.50	62.77	66.22	69.87	73.71	77.76	82.04	86.55	91.31
12	PUTMCGT331		E	14.55	15.71	16.65	17.73	18.80	19.83	20.82	21.86	22.96	24.10	25.31
13	PUTMCGT3324		E	10.60	11.24	11.85	12.47	13.12	13.81	14.54	15.30	16.11	16.96	17.85
14	PUTMCGT34		E	277.10	306.20	330.70	354.30	377.90	401.50	425.10	448.70	472.30	495.90	520.69
15	PXVGOFFVA		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	RACEDAVN		E	0.6834	0.6470	0.6332	0.6204	0.6184	0.6164	0.6144	0.6124	0.6104	0.6084	0.6064
17	RACENGAUTO		E	0.3285	0.3361	0.3442	0.3462	0.3482	0.3502	0.3522	0.3542	0.3562	0.3582	0.3602
18	RATXCSFT-S		E	2.000	2.050	2.100	2.150	2.200	2.250	2.300	2.350	2.400	2.450	2.500
19	RAWLSC		E	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
20	RAYPST		E	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
21	REXCA		E	87.75	86.63	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
22	REXFR		E	22.14	21.25	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
23	REXGE		E	49.84	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00
24	REXIT		E	0.1175	0.1152	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135
25	REXJA		E	0.4809	0.5050	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100
26	REXME		E	4.392	4.100	4.000	3.490	3.490	3.490	3.490	3.490	3.490	3.490	3.490
27	REXUK		E	191.34	187.00	185.00	185.54	185.54	185.54	186.09	186.09	186.09	186.09	186.09
28	SOS		E	2.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

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TABLE 45.20 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	TEBAS	E	-1.16	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
2	TEBCS	E	-0.57	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40
3	TEBDES	E	8.20	9.02	9.93	10.20	10.50	10.80	11.10	11.40	11.70	12.00	12.30
4	TEBSIFRS	E	8.78	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
5	TEBSOTS	E	9.97	10.60	11.40	12.82	14.40	16.17	18.16	20.34	22.41	24.46	26.70
6	TECGDPL480S	E	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
7	TECGDS	E	1.49	1.45	1.28	1.29	1.29	1.39	1.49	1.59	1.69	1.79	1.89
8	TEUGT220S	E	5.80	6.62	7.13	7.52	7.92	9.72	9.22	10.52	11.82	13.13	14.43
9	TEUGT3S	E	18.84	17.22	19.32	20.92	22.68	24.61	26.74	29.07	31.40	33.73	36.06
10	TFBTS	E	-5.25	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10
11	TIMW	E	136.38	143.26	149.71	158.69	167.90	177.64	187.94	198.84	210.37	222.57	235.48
12	TMBAS	E	-0.83	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90
13	TMBCS	E	-3.39	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85
14	TMBDES	E	6.57	7.16	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88
15	TMBSIFRS	E	2.17	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
16	TMBSOTS	E	4.66	5.23	5.83	6.40	6.97	7.60	8.28	9.03	9.84	10.73	11.69
17	TMQGT30T	E	302.00	314.00	325.00	331.90	338.13	344.89	351.79	358.82	366.00	373.32	380.79
18	TMQGT32	E	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
19	TMQGT33I	E	2204.70	2455.00	2660.00	2899.81	3131.41	3350.64	3560.46	3768.32	3968.06	4166.48	4366.49
20	TMQGT3324	E	511.00	531.00	550.00	580.24	609.95	639.62	669.84	699.83	729.83	759.82	789.81
21	TMQGT34	E	1000.00	1050.00	1400.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00
22	TMUGT3CS/CEDAS	E	0.1179	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215
23	TMUGT3NS/CEDAS	E	0.1205	0.1191	0.1189	0.1169	0.1149	0.1129	0.1109	0.1089	0.1069	0.1049	0.1029
24	TRBUS	E	10.69	11.84	13.01	13.81	14.61	15.41	16.21	17.01	17.81	18.61	19.41
25	TRGFFS	E	3.55	4.07	4.55	4.75	4.95	5.15	5.35	5.55	5.75	5.95	6.15
26	TRGFPF	E	2.82	2.30	2.13	2.18	2.22	2.26	2.30	2.34	2.39	2.43	2.48
27	TRGFPM+V	E	17.40	18.20	19.00	19.80	20.49	21.21	21.95	22.72	23.52	24.34	25.19
28	TRGFPRES	E	16.35	15.93	15.39	15.69	16.08	16.49	16.90	17.32	17.75	18.20	18.65
29	TRGFPSH	E	16.54	18.37	20.60	21.83	22.92	24.07	25.27	26.53	27.86	29.25	30.71
30	TRGFPSO	E	61.03	64.93	69.79	71.54	74.04	76.63	79.31	82.09	84.96	87.94	91.01
31	TRGSP	E	22.39	23.87	25.46	26.59	27.72	28.85	29.98	31.08	32.18	33.28	34.41
32	TRPEFS	E	1.07	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
33	TXCBFENGS	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	TXCSTPS/TXCSTTS	E	42.34	40.91	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50
35	TXOPFDVSPRS	E	2.51	2.69	2.87	3.05	3.22	3.40	3.58	3.75	3.92	4.09	4.27
36	TXOPFEVS	E	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	TXOSMAXYS	E	17.70	22.90	22.90	22.90	24.50	26.22	28.05	30.02	32.12	34.37	36.77
38	TXOSNIND	E	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030
39	TXRATECO-GAS	E	13.20	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
40	TXRATEMFN29	E	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00
41	TXRATEMG	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
42	TXRCHSP	E	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
43	TXRCTEF	E	34.58	33.14	30.98	30.98	30.98	30.98	30.98	30.98	30.98	30.98	30.98
44	TXRITEFAG	E	24.33	23.32	21.80	21.80	21.80	21.80	21.80	21.80	21.80	21.80	21.80
45	TXRITEFCH	E	31.48	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71
46	TXRITEFMFD24	E	31.94	30.61	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62
47	TXRITEFMFD25	E	39.92	38.25	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76
48	TXRITEFMFD32	E	39.12	37.49	35.05	35.05	35.05	35.05	35.05	35.05	35.05	35.05	35.05
49	TXRITEFMFD33	E	40.18	38.50	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
50	TXRITEFMFD34	E	40.60	38.90	36.37	36.37	36.37	36.37	36.37	36.37	36.37	36.37	36.37
51	TXRITEFMFD35	E	43.03	41.24	38.55	38.55	38.55	38.55	38.55	38.55	38.55	38.55	38.55

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TABLE 45.20 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IXRITEFMFD36	E	40.95	39.24	36.69	36.69	36.69	36.69	36.69	36.69	36.69	36.69	36.69
2	IXRITEFMFD37SP2	E	39.47	37.82	35.36	35.36	35.36	35.36	35.36	35.36	35.36	35.36	35.36
3	IXRITEFMFD371	E	43.38	41.57	38.87	38.87	38.87	38.87	38.87	38.87	38.87	38.87	38.87
4	IXRITEFMFD38	E	43.04	41.24	38.56	38.56	38.56	38.56	38.56	38.56	38.56	38.56	38.56
5	IXRITEFMFN20	E	42.77	40.99	38.32	38.32	38.32	38.32	38.32	38.32	38.32	38.32	38.32
6	IXRITEFMFN21	E	43.67	41.85	39.12	39.12	39.12	39.12	39.12	39.12	39.12	39.12	39.12
7	IXRITEFMFN22	E	42.28	40.52	37.88	37.88	37.88	37.88	37.88	37.88	37.88	37.88	37.88
8	IXRITEFMFN23	E	38.04	36.46	34.08	34.08	34.08	34.08	34.08	34.08	34.08	34.08	34.08
9	IXRITEFMFN26	E	41.33	39.61	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03
10	IXRITEFMFN27	E	40.26	38.58	36.07	36.07	36.07	36.07	36.07	36.07	36.07	36.07	36.07
11	IXRITEFMFN28	E	43.66	41.84	39.11	39.11	39.11	39.11	39.11	39.11	39.11	39.11	39.11
12	IXRITEFMFN29	E	33.31	31.92	29.85	29.85	29.85	29.85	29.85	29.85	29.85	29.85	29.85
13	IXRITEFMFN30	E	40.81	39.11	36.57	36.57	36.57	36.57	36.57	36.57	36.57	36.57	36.57
14	IXRITEFMFN31	E	39.93	38.27	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78
15	IXRITEFMG	E	44.43	42.58	39.81	39.81	39.81	39.81	39.81	39.81	39.81	39.81	39.81
16	IXRITEFRGC48	E	44.39	42.54	39.77	39.77	39.77	39.77	39.77	39.77	39.77	39.77	39.77
17	IXRITEFRGT	E	34.94	33.48	31.30	31.30	31.30	31.30	31.30	31.30	31.30	31.30	31.30
18	IXRITEFRGU49	E	43.61	41.79	39.07	39.07	39.07	39.07	39.07	39.07	39.07	39.07	39.07
19	IXRPTEFHO	E	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98
20	IXRPTEFTO	E	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50
21	IXRPTESST	E	5.08	5.16	5.26	5.41	5.56	5.71	5.86	6.01	6.16	6.31	6.46
22	IXRPTNFY1	E	14.00	11.39	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16
23	IXRPTNFY2	E	15.00	14.24	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96
24	IXRPTNFY3	E	16.00	15.66	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35
25	IXRPTNFY4	E	17.00	16.28	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95
26	IXRPTNFY5	E	19.00	18.11	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74
27	IXRPTNFY6	E	22.00	20.83	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42
28	IXRPTNFY7	E	25.00	23.80	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33
29	IXRPTNFY8	E	28.00	27.46	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92
30	IXRPTNFY9	E	32.00	31.13	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50
31	IXRSINF	E	12.10	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
32	WALDS	E	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WALDGFS	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	WALDGSS	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	YENTFS	E	24.34	28.14	30.65	32.65	34.65	36.65	38.65	40.65	42.65	44.65	47.11
36	YINTCS	E	33.68	38.34	42.28	45.28	48.28	51.28	54.28	57.28	60.28	63.28	66.28
37	YINTGFS	E	35.50	41.34	44.79	46.96	48.46	49.56	50.46	50.96	51.36	51.06	50.76
38	YINTGFPFS	E	0.47	1.25	5.77	5.77	5.77	5.77	5.77	5.77	5.77	5.77	5.77
39	YINTGSS	E	-7.75	-9.28	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68
40	ZCAIP	E	121.09	126.43	132.72	137.90	143.28	148.86	154.67	160.70	166.97	173.48	180.24
41	ZCAPC	E	167.38	181.35	195.87	208.01	220.91	234.61	249.15	264.60	281.00	298.42	316.93
42	ZFRIP	E	112.21	117.93	125.12	130.12	135.33	140.74	146.37	152.23	158.32	164.65	171.23
43	ZFRPC	E	178.95	197.34	215.22	228.13	241.82	256.33	271.71	288.01	305.29	323.61	343.02
44	ZGEIP	E	111.64	117.39	122.68	128.81	135.25	142.01	149.11	156.57	164.40	172.62	181.25
45	ZGEPC	E	135.45	139.16	143.62	152.38	161.67	171.53	182.00	193.10	204.88	217.37	230.63
46	ZIIIP	E	118.17	122.00	128.07	134.47	141.19	148.25	159.67	163.45	171.62	180.20	189.21
47	ZIIPC	E	236.16	262.56	290.36	307.78	326.25	345.83	366.57	388.57	411.88	436.60	462.79
48	ZJAIP	E	120.65	127.89	135.55	143.69	152.31	161.45	171.13	181.40	192.29	203.83	216.06
49	ZJAPC	E	190.78	197.13	205.33	214.57	224.22	234.31	244.86	255.88	267.39	279.42	291.99
50	ZMEIP	E	143.79	153.99	162.46	169.77	177.42	185.40	193.74	202.46	211.57	221.09	231.04
51	ZMEPC	E	274.08	320.49	365.40	438.46	491.07	526.43	564.33	604.96	648.52	695.21	745.27
52	ZNOFRTH	E	251.04	268.92	279.68	300.65	323.20	347.44	373.50	401.51	431.62	463.99	498.79
53	ZUXIP	E	105.98	110.49	114.94	119.60	129.18	130.96	136.33	141.91	147.49	153.07	158.75
54	ZUXPC	E	230.34	250.55	276.89	295.17	314.65	335.41	357.55	381.15	406.30	433.12	461.70

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TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	CCATAG$	B	0,07	+0.02	0,21	0,21	0,21	0,21	0,21	0,21	0,21	0,21	0,21
2	CCATCO$	B	-8,76	+8,97	-9,46	-8,66	-7,86	-7,06	-6,26	-5,46	-4,66	-3,86	-3,06
3	CCATMFD24$	B	-0,02	+0,04	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06
4	CCATMFD25$	B	-0,01	+0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02
5	CCATMFD32$	B	0,00	-0,00	-0,01	-0,01	-0,01	-0,01	-0,01	-0,01	-0,01	-0,01	-0,01
6	CCATMFD33$	B	0,11	0,15	0,19	0,19	0,19	0,19	0,19	0,19	0,19	0,19	0,19
7	CCATMFD34$	B	-0,00	+0,02	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03
8	CCATMFD35$	B	0,00	-0,03	-0,05	-0,05	-0,05	-0,05	-0,05	-0,05	-0,05	-0,05	-0,05
9	CCATMFD36$	B	-0,07	-0,13	-0,19	-0,19	-0,19	-0,19	-0,19	-0,19	-0,19	-0,19	-0,19
10	CCATMFD37SP2$	B	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
11	CCATMFD371$	B	-0,11	+0,18	-0,25	-0,25	-0,25	-0,25	-0,25	-0,25	-0,25	-0,25	-0,25
12	CCATMFD38$	B	0,00	+0,00	-0,01	+0,01	+0,01	-0,01	-0,01	-0,01	-0,01	-0,01	-0,01
13	CCATMFN20$	B	0,00	-0,01	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03	-0,03
14	CCATMFN21$	B	+0,01	+0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02	-0,02
15	CCATMFN22$	B	-0,01	-0,03	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04
16	CCATMFN23$	B	0,00	0,00	-0,00	-0,00	-0,00	-0,00	-0,00	-0,00	-0,00	-0,00	-0,00
17	CCATMFN26$	B	0,03	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04
18	CCATMFN27$	B	-0,01	-0,03	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04	-0,04
19	CCATMFN28$	B	0,10	0,14	0,17	0,17	0,17	0,17	0,17	0,17	0,17	0,17	0,17
20	CCATMFN29$	B	-0,03	+0,05	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08
21	CCATMFN30$	B	-0,03	-0,05	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08	-0,08
22	CCATMFN31$	B	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
23	CCATMG$	B	0,00	0,02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
24	CCATRGC48$	B	0,11	0,31	0,36	0,36	0,36	0,36	0,36	0,36	0,36	0,36	0,36
25	CCATRGT$	B	0,02	0,21	0,46	0,46	0,46	0,46	0,46	0,46	0,46	0,46	0,46
26	CCATRGU49$	B	0,03	+0,01	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06	-0,06
27	CEDAP	B	-0,34	-0,34	-0,20	-0,01	0,17	0,17	0,17	0,17	0,17	0,17	0,17
28	CEDAVN	B	0,49	-0,01	-0,11	-0,50	-0,59	-0,73	-1,50	-2,00	-2,50	-3,00	-3,50
29	CEDAVR,T	B	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
30	CEDAVU	B	-0,62	-0,28	-0,28	-0,43	-0,58	-0,73	-0,88	-1,03	-1,18	-1,33	-1,48
31	CEDF	B	3,70	5,53	5,87	5,38	4,89	4,40	3,91	2,52	1,13	-0,26	-1,65
32	CEDO	B	0,82	1,59	1,75	1,47	1,19	0,91	0,63	0,35	0,07	-0,21	-0,49
33	CENC	B	-0,32	1,05	1,70	1,70	1,70	1,70	1,70	1,70	1,70	1,70	1,70
34	CENF	B	2,76	1,59	-1,13	-1,13	-1,13	-1,13	-1,13	-1,13	-1,13	-1,13	-1,13
35	CENG	B	0,27	0,59	0,88	1,38	1,38	1,38	1,38	1,38	1,38	1,38	1,38
36	CENO,H	B	-1,39	0,38	1,68	1,98	2,28	2,58	2,88	3,18	3,48	3,78	4,08
37	CESH	B	0,10	-2,14	-4,54	-3,04	-1,54	-1,00	-1,00	-1,00	-1,00	-1,00	-1,00
38	CESO	B	2,24	1,59	1,33	2,24	3,49	4,79	6,24	7,84	9,59	11,49	13,54
39	CESS	B	3,44	3,45	2,91	2,61	2,61	2,61	2,61	2,61	2,61	2,61	2,61
40	CEST	B	2,76	3,42	3,38	3,62	3,87	4,12	4,37	4,62	4,87	5,12	5,37
41	FCU$	B	+1,64	1,49	3,03	-0,17	-1,07	0,33	2,53	6,03	9,53	13,03	19,53
42	FOUDP$	B	-77,09	-74,57	-83,02	-102,62	-120,52	-139,62	-155,32	-165,12	-174,92	-184,72	-211,52
43	FOBT$	B	61,91	70,10	67,16	84,56	110,56	135,46	154,66	171,16	187,66	204,16	234,66
44	FRMCP4M	B	-0,901	-2,389	-2,769	+1,468	-1,688	-1,473	-1,505	-0,690	-0,805	-0,811	-0,819
45	FRMCS	B	0,766	-0,328	-1,219	-0,498	0,147	-0,135	0,347	0,250	0,200	0,091	0,149
46	FRMCSI	B	0,096	0,109	0,106	0,106	0,106	0,106	0,106	0,106	0,106	0,106	0,106
47	FRMCSR	B	-0,577	+0,622	-0,612	+0,612	-0,612	-0,612	-0,612	-0,612	-0,612	-0,612	-0,612
48	FRMCSU	B	-0,023	-0,044	-0,040	-0,040	-0,040	-0,040	-0,040	-0,040	-0,040	-0,040	-0,040
49	FRMHSE	B	0,874	1,070	1,099	1,099	1,099	1,099	1,099	1,099	1,099	1,099	1,099
50	FSEC$	B	46,35	38,40	25,87	25,85	25,86	25,88	25,88	25,89	25,87	25,87	25,89
51	FSEL$	B	-4,91	-6,22	-6,23	-6,22	-6,23	-6,24	-6,24	-6,24	-6,23	-6,23	-6,24

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TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	HORIV		B	0.46	0.74	0.15	-0.60	-1.35	-1.10	-0.85	-0.60	-0.35	-0.10	0.15
2	HSPRMH		B	-119.14	-242.39	-179.04	-128.98	-78.96	-28.92	21.06	71.05	121.02	171.03	221.07
3	HSPRSM		B	-408.25	-470.58	-596.84	-940.52	-1180.36	-1347.23	-1510.49	-1650.14	-1678.52	-1694.15	-1739.41
4	HSPRSI		B	274.24	826.08	656.29	382.46	137.57	180.27	-10.81	96.90	190.32	220.55	137.17
5	IAAG		B	-4.026	-2.665	-2.819	-1.236	0.307	1.669	2.217	1.462	0.310	-1.309	-2.975
6	IACM		B	-2.018	-2.052	-1.451	-1.270	-1.271	-1.271	-1.271	-1.271	-1.271	-1.271	-1.271
7	IAMFD24		B	-0.776	-0.730	-0.739	-0.739	-0.739	-0.739	-0.739	-0.739	-0.739	-0.739	-0.746
8	IAMFD25		B	-0.017	-0.008	-0.033	-0.043	-0.053	-0.063	-0.073	-0.083	-0.093	-0.103	-0.113
9	IAMFD32		B	0.019	0.082	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303
10	IAMFD33		B	2.174	2.337	2.170	2.170	2.170	2.169	2.169	2.169	2.170	2.170	2.169
11	IAMFD34		B	-0.156	-0.034	-0.137	-0.172	-0.217	-0.275	-0.348	-0.443	-0.536	-0.630	-0.661
12	IAMFD35		B	0.390	0.414	0.330	0.281	0.230	0.180	0.130	0.080	0.030	-0.020	-0.070
13	IAMFD36		B	-1.089	-0.949	-1.002	-1.023	-1.043	-1.063	-1.083	-1.103	-1.123	-1.143	-1.163
14	IAMFD37SP2		B	-0.049	-0.203	-0.335	-0.335	-0.335	-0.335	-0.335	-0.335	-0.335	-0.335	-0.335
15	IAMFD371		B	-0.606	-0.864	-1.114	-1.417	-1.717	-2.017	-2.317	-2.617	-2.917	-3.217	-3.517
16	IAMFD38		B	-0.552	-0.612	-0.617	-0.641	-0.665	-0.689	-0.713	-0.737	-0.761	-0.785	-0.814
17	IAMFN20		B	0.647	-0.094	-0.620	-0.920	-1.220	-1.320	-1.317	-1.317	-1.267	-1.217	-1.167
18	IAMFN22		B	-0.110	-0.154	-0.154	-0.157	-0.157	-0.157	-0.157	-0.157	-0.157	-0.157	-0.157
19	IAMFN23		B	-0.077	-0.088	-0.093	-0.101	-0.109	-0.117	-0.125	-0.133	-0.141	-0.149	-0.157
20	IAMFN26		B	0.545	0.517	0.477	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480
21	IAMFN27		B	-0.081	-0.132	-0.134	-0.134	-0.134	-0.134	-0.134	-0.134	-0.134	-0.134	-0.134
22	IAMFN28		B	0.109	-0.805	-1.240	-1.139	-1.039	-0.940	-0.840	-0.740	-0.639	-0.539	-0.489
23	IAMFN29		B	2.640	3.130	3.055	3.215	3.375	3.535	3.695	3.855	4.015	4.175	4.335
24	IAMFN30		B	-1.028	-0.948	-1.057	-1.254	-1.254	-1.255	-1.255	-1.255	-1.254	-1.254	-1.255
25	IAMFN31		B	-0.015	-0.002	0.014	0.025	0.020	0.015	0.010	0.005	-0.000	-0.005	-0.010
26	IAMG		B	0.014	0.068	0.189	0.285	0.327	0.431	0.393	0.414	0.608	0.968	1.329
27	IARGC48		B	-5.978	-6.055	-5.487	-5.037	-5.037	-5.037	-5.037	-5.037	-5.037	-5.037	-5.037
28	IARGT		B	-2.339	-2.814	-3.273	-3.274	-3.274	-3.274	-3.274	-3.274	-3.274	-3.274	-3.274
29	IARGU49		B	-3.752	-3.708	-3.674	-3.773	-3.973	-4.173	-4.373	-4.573	-4.773	-4.973	-5.173
30	IBA		B	10.109	10.060	5.942	4.031	3.529	3.029	2.529	2.029	1.529	1.029	0.528
31	IBFRNXNU-MH		B	1.393	2.991	3.236	2.774	2.774	2.774	2.774	2.774	2.774	2.774	2.774
32	IBINMM		B	-0.66	-1.51	0.33	0.41	0.68	0.94	1.21	1.47	1.74	2.00	2.26
33	IBITS		B	0.38	0.62	0.35	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
34	IP		B	0.00	-0.03	-0.05	0.01	-0.01	-0.02	-0.01	-0.02	-0.02	-0.01	-0.01
35	IPMF		B	0.00	0.01	0.00	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
36	IPMFD		B	-2.49	-1.43	-2.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	IPMFN		B	-2.09	-1.77	-2.39	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10
38	IPMG		B	-0.21	-4.08	-3.15	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	IPMG49		B	0.02	0.01	-0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
40	IPRGU49		B	-8.33	-1.20	-0.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	IVAC$		B	12.59	17.61	17.44	18.44	19.44	20.44	21.44	22.44	23.44	24.44	25.44
42	IVAI$		B	0.53	0.85	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
43	KHUM		B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	KHUI		B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	KHUI+MH/KHU		B	-0.00	-0.00	-0.00	-0.10	-0.20	-0.30	-0.40	-0.50	-0.60	-0.70	-0.80
46	KHUI/KHUI+MH		B	0.00	0.00	0.00	-0.00	-0.15	-0.50	-0.75	-1.05	-1.35	-1.64	-1.94
47	KIBINMF		B	-4.62	-8.49	-12.65	-14.89	-14.93	-14.15	-12.71	-10.70	-8.55	-6.27	-3.99
48	KIBITDAV		B	-0.22	-0.85	-1.25	-1.22	-1.16	-1.07	-0.95	-0.80	-0.62	-0.41	-0.20
49	KSAWRRDAV		B	-1.338	-1.872	-4.431	-4.431	-4.231	-4.032	-3.831	-3.631	-3.431	-3.231	-3.032
50	MPV		B	-0.592	-0.820	-1.061	-1.242	-1.362	-1.562	-1.812	-2.082	-2.362	-2.662	-2.962
51	NCH/KHU		B	0.000	0.000	0.000	-0.398	-0.608	-0.608	-0.668	-0.728	-0.788	-0.848	-0.908

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TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NEETICC	B	44.25	1.45	48.38	42.95	-145.18	-81.32	-41.11	-139.02	-62.54	-10.43	29.05
2	NEETIFI	B	51.98	-17.79	1.66	50.91	-34.29	-60.75	-39.30	-42.57	-18.42	-37.14	-34.58
3	NEETIGVF	B	-1.30	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
4	NEETIGVS	B	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
5	NEETIMFD19	B	13.70	2.70	-12.55	-8.04	-8.04	-7.24	-8.84	-5.84	-7.05	-7.05	-7.05
6	NEETIMFD24	B	35.51	16.44	11.12	21.11	22.71	23.31	25.71	26.31	27.81	30.21	31.81
7	NEETIMFD25	B	-26.95	-35.24	-43.99	-53.08	-63.02	-72.96	-82.90	-92.84	-107.78	-112.72	-117.66
8	NEETIMFD32	B	16.47	10.06	1.56	-5.94	-8.44	-10.94	-13.44	-15.94	-18.44	-20.94	-23.44
9	NEETIMFD33	B	62.35	41.18	24.57	19.57	14.57	9.57	4.57	-0.43	-5.43	-10.43	-15.43
10	NEETIMFD34	B	96.57	81.53	82.47	77.47	72.47	67.47	62.47	57.47	52.47	47.47	42.47
11	NEETIMFD35	B	-20.48	-55.54	-71.74	-113.39	-155.04	-179.69	-204.34	-228.99	-253.64	-278.29	-302.94
12	NEETIMFD36	B	138.63	155.21	181.94	182.28	186.77	191.26	195.75	200.24	204.73	209.22	213.71
13	NEETIMFD37SP1	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	NEETIMFD37SP2	B	52.44	44.26	36.56	31.05	24.95	18.05	11.15	4.25	-2.65	-9.55	-16.45
15	NEETIMFD371	B	-90.90	-86.61	-73.42	-59.46	-64.06	-68.66	-73.26	-77.86	-82.46	-87.06	-91.66
16	NEETIMFD372,9	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	NEETIMFD38	B	-12.76	-19.22	-27.33	-37.59	-47.32	-57.05	-66.78	-76.51	-86.24	-95.97	-105.70
18	NEETIMFD39	B	1.84	7.08	13.11	9.88	8.48	7.47	6.47	5.47	4.47	3.47	2.47
19	NEETIMFN20	B	38.48	-2.99	-2.26	-8.85	-15.45	-22.05	-28.65	-35.25	-41.85	-48.45	-55.05
20	NEETIMFN21	B	-1.17	-0.95	-0.34	-0.54	-0.74	-0.93	-1.13	-1.33	-1.52	-1.72	-1.92
21	NEETIMFN22	B	56.24	55.60	53.66	58.66	63.66	68.66	73.66	78.66	83.66	88.66	93.66
22	NEETIMFN23	B	-89.48	-97.23	-106.51	-117.97	-129.43	-140.89	-152.35	-163.81	-175.27	-186.73	-198.19
23	NEETIMFN26	B	24.32	24.85	23.50	23.33	23.17	23.01	22.85	22.69	22.53	22.37	22.21
24	NEETIMFN27	B	-5.33	-4.36	-18.10	-23.60	-29.10	-29.10	-29.10	-29.10	-29.10	-29.10	-29.10
25	NEETIMFN28	B	21.90	22.12	23.93	8.93	12.59	16.25	19.91	23.57	27.23	30.89	34.55
26	NEETIMFN29	B	2.61	6.89	4.99	0.59	-0.01	-0.61	-1.21	-1.81	-2.41	-3.01	-3.61
27	NEETIMFN30	B	-19.17	-22.11	-23.48	-31.62	-34.96	-38.30	-41.64	-44.98	-48.32	-51.65	-54.98
28	NEETIMFN31	B	2.33	-0.71	-2.31	-6.57	-8.65	-10.73	-12.81	-14.89	-16.97	-19.05	-21.13
29	NEETIMG	B	99.42	41.34	-5.79	-5.79	-5.79	-5.79	-5.79	-5.79	-6.09	-6.39	-6.69
30	NEETIRGC48	B	-127.04	-182.95	-188.21	-201.12	-176.42	-149.82	-123.22	-94.72	-72.12	-66.02	-76.12
31	NEETIRGT	B	26.60	81.23	91.96	88.43	83.06	80.46	78.36	77.16	93.26	118.76	119.86
32	NEETIRGU49	B	3.48	-9.74	-27.68	-30.95	-31.65	-30.15	-29.85	-29.15	-37.45	-40.00	-48.25
33	NEETISV	B	-127.98	111.25	-153.43	107.48	-214.62	-154.36	-116.68	-189.94	-164.20	-140.93	-126.98
34	NEETIWR	B	33.83	-62.38	-133.14	27.17	-161.91	-48.89	-33.80	-92.40	-59.27	1.57	56.35
35	NEHA	B	423.09	306.43	348.39	368.69	376.99	385.29	393.59	401.89	410.19	418.49	426.78
36	NHNPMFD24	B	0.0	0.0	0.0	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14
37	NHNPMFD25	B	0.0	0.0	0.0	-0.06	-0.12	-0.18	-0.24	-0.30	-0.36	-0.42	-0.48
38	NHNPMFD32	B	0.0	0.0	0.0	-0.09	-0.18	-0.27	-0.36	-0.45	-0.54	-0.63	-0.72
39	NHNPMFD33	B	0.0	0.0	0.0	-0.18	-0.26	-0.34	-0.42	-0.50	-0.58	-0.66	-0.94
40	NHNPMFD34	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	NHNPMFD35	B	0.0	0.0	0.0	-0.15	-0.30	-0.45	-0.60	-0.75	-0.90	-1.05	-1.20
42	NHNPMFD36	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	NHNPMFD37SP2	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	NHNPMFD371	B	0.0	0.0	0.0	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16
45	NHNPMFD38	B	0.0	0.0	0.0	-0.08	-0.16	-0.24	-0.32	-0.40	-0.48	-0.56	-0.64
46	NHNPMFN20	B	0.0	0.0	0.0	0.0	0.24	0.48	0.72	0.96	1.20	1.44	1.68
47	NHNPMFN21	B	0.0	0.0	0.0	0.20	0.40	0.60	0.80	1.00	1.00	1.00	1.00
48	NHNPMFN22	B	0.0	0.0	0.0	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.40
49	NHNPMFN23	B	0.0	0.0	0.0	0.0	0.0	0.0	-0.10	-0.19	-0.29	-0.38	-0.48
50	NHNPMFN26	B	0.0	0.0	0.0	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.57
51	NHNPMFN27	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NHNPMFN28		B	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.30	0.30	0.30	0.30
2	NHNPMFN29		B	0.0	0.0	0.0	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
3	NHNPMFN30		B	0.0	0.0	0.0	-0.02	-0.05	-0.07	-0.10	-0.12	-0.14	-0.17	-0.19
4	NHNPMFN31		B	0.0	0.0	0.0	-0.07	-0.14	-0.22	-0.29	-0.36	-0.43	-0.50	-0.58
5	NHNPMG		B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.10
6	NLCF16,19		B	0.000	0.000	0.000	-0.019	-0.038	-0.057	-0.076	-0.094	-0.113	-0.132	-0.151
7	NLCF16+		B	4.157	4.457	4.845	5.485	5.685	5.885	6.085	6.285	6.485	6.685	6.885
8	NLCF20,24		B	0.000	0.000	0.000	0.049	0.098	0.146	0.195	0.244	0.293	0.341	0.390
9	NLCF25,34		B	0.000	0.000	0.000	0.118	0.236	0.354	0.472	0.590	0.708	0.826	0.944
10	NLCF35,44		B	0.000	0.000	0.000	0.020	0.040	0.060	0.080	0.100	0.120	0.140	0.160
11	NLCF45,54		B	0.000	0.000	0.000	-0.110	-0.220	-0.330	-0.440	-0.550	-0.660	-0.770	-0.880
12	NLCF55,64		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	NLCF65+		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	NLCM16,19		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	NLCM16+		B	-0.618	-0.056	0.197	+0.158	-0.073	0.012	0.097	0.182	0.267	0.352	0.567
16	NLCM20,24		B	0.000	0.000	0.000	+0.012	-0.025	-0.037	-0.050	-0.062	-0.075	-0.087	-0.100
17	NLCM25,34		B	0.000	0.000	0.000	-0.012	-0.025	-0.037	-0.050	-0.062	-0.075	-0.087	-0.100
18	NLCM35,44		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	NLCM45,54		B	0.000	0.000	0.000	0.010	-0.002	-0.015	-0.027	-0.040	-0.052	-0.065	-0.077
20	NLCM55,64		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	NLCM65+		B	0.000	0.000	0.000	0.007	0.013	0.020	0.026	0.033	0.039	0.046	0.052
22	NMLTIMFD24		B	-0.001	0.008	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
23	NMLTIMFD25		B	-0.027	-0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
24	NMLTIMFD32		B	-0.011	-0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
25	NMLTIMFD33		B	-0.045	-0.049	+0.052	+0.052	-0.052	-0.052	-0.052	-0.052	-0.052	-0.052	-0.052
26	NMLTIMFD34		B	0.000	-0.004	-0.009	+0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
27	NMLTIMFD35		B	-0.105	-0.155	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167
28	NMLTIMFD36		B	0.037	0.062	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
29	NMLTIMFD373P2		B	0.021	0.032	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
30	NMLTIMFD371		B	-0.115	-0.061	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062
31	NMLTIMFD38		B	-0.008	0.006	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
32	NMLTIMFN20		B	0.222	0.288	0.290	0.290	0.290	0.290	0.290	0.290	0.290	0.290	0.290
33	NMLTIMFN21		B	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
34	NMLTIMFN22		B	0.016	0.023	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
35	NMLTIMFN23		B	-0.088	-0.071	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092
36	NMLTIMFN26		B	0.000	0.011	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
37	NMLTIMFN27		B	0.007	0.016	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003
38	NMLTIMFN28		B	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
39	NMLTIMFN29		B	-0.008	-0.003	-0.005	+0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
40	NMLTIMFN30		B	-0.007	+0.002	-0.013	+0.013	-0.013	-0.013	-0.013	-0.013	-0.013	-0.013	-0.013
41	NMLTIMFN31		B	-0.017	-0.021	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014
42	NMLTIMG		B	0.065	0.065	0.111	0.111	0.111	0.111	0.111	0.111	0.111	0.111	0.111
43	NMRA		B	0.955	0.503	0.536	0.152	0.402	0.401	0.401	0.401	0.402	0.402	0.401
44	NPSRF16,19		I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	NPSRF20,24		I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	NPSRM16,17		I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	NPSRM18,19		I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	NPSRM20,24		I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	NPTLD		B	1.33	1.35	1.24	1.16	1.08	1.00	0.92	0.84	0.76	0.68	0.60
50	NRLTF16,19		B	0.0451	0.0528	0.0630	0.0702	0.0707	0.0720	0.0743	0.0786	0.0804	0.0830	0.0880
51	NRLTF20,24		B	0.0422	0.0523	0.0605	0.0698	0.0703	0.0723	0.0737	0.0705	0.0670	0.0645	0.0644

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TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NRLTF25,34		B	0.0896	0.0986	0.1149	0.1235	0.1239	0.1258	0.1271	0.1242	0.1209	0.1186	0.1185
2	NRLTF35,44		B	0.0174	0.0194	0.0214	0.0300	0.0306	0.0327	0.0342	0.0312	0.0278	0.0254	0.0253
3	NRLTF45,54		B	0.0062	0.0005	-0.0000	0.0076	0.0080	0.0097	0.0110	0.0085	0.0056	0.0035	0.0035
4	NRLTF55,64		B	0.0228	0.0291	0.0357	0.0424	0.0497	0.0569	0.0577	0.0598	0.0606	0.0591	0.0550
5	NRLTF65+		B	0.0008	0.0008	0.0021	0.0024	0.0016	0.0010	0.0004	-0.0008	-0.0021	-0.0032	-0.0040
6	NRLTM16,19		B	0.0192	0.0106	0.0193	0.0235	0.0202	0.0203	0.0210	0.0204	0.0202	0.0210	0.0222
7	NRLTM20,24		B	0.0074	0.0057	0.0082	-0.0016	-0.0023	-0.0023	-0.0017	-0.0019	-0.0022	-0.0019	-0.0015
8	NRLTM25,34		B	-0.0021	0.0024	0.0048	0.0021	0.0015	0.0016	0.0022	0.0020	0.0016	0.0017	0.0021
9	NRLTM35,44		B	-0.0000	0.0063	0.0093	-0.0015	-0.0021	-0.0020	-0.0014	-0.0016	-0.0020	-0.0018	-0.0014
10	NRLTM45,54		B	-0.0020	0.0066	0.0102	-0.0004	-0.0012	-0.0011	-0.0005	-0.0007	-0.0011	-0.0008	-0.0004
11	NRLTM55,64		B	-0.0195	-0.0021	0.0010	-0.0158	-0.0322	-0.0472	-0.0618	-0.0653	-0.0687	-0.0716	-0.0743
12	NRLTM65+		B	0.0105	0.0059	0.0080	0.0051	0.0046	0.0047	0.0050	0.0049	0.0050	0.0052	0.0054
13	NRUTF16,19		B	-0.79	-1.07	-1.00	-2.01	-2.40	-2.11	-1.74	-1.62	-1.37	-0.93	-0.44
14	NRUTF20,24		B	-0.10	-0.23	-0.22	-0.79	-1.06	-1.05	-1.00	-1.04	-1.03	-0.95	-0.86
15	NRUTF25,34		B	-0.33	-0.34	-0.32	-0.66	-0.83	-0.83	-0.80	-0.83	-0.83	-0.78	-0.73
16	NRUTF35,44		B	-0.11	-0.07	-0.07	-0.30	-0.42	-0.42	-0.40	-0.43	-0.42	-0.39	-0.36
17	NRUTF45,54		B	0.01	0.10	0.10	-0.06	-0.15	-0.15	-0.14	-0.15	-0.15	-0.13	-0.10
18	NRUTF55,64		B	-0.43	-0.21	-0.22	-0.31	-0.36	-0.36	-0.36	-0.36	-0.36	-0.35	-0.33
19	NRUTF65+		B	-0.04	0.08	0.11	-0.12	-0.23	-0.22	-0.20	-0.22	-0.22	-0.19	-0.16
20	NRUTM16,19		B	+1.36	+1.31	+1.30	+1.81	-1.91	-1.55	+1.13	-0.88	-0.54	-0.05	0.47
21	NRUTM20,24		B	-0.94	-1.13	-1.18	-1.09	-0.96	-0.78	-0.60	-0.43	-0.25	-0.05	0.16
22	NRUTM25,34		B	2.23	2.39	2.49	1.80	1.30	1.07	0.86	0.58	0.35	0.19	0.02
23	NRUTM35,44		B	1.43	1.57	1.48	0.98	0.62	0.45	0.29	0.08	-0.09	-0.22	-0.35
24	NRUTM45,54		B	1.35	1.42	1.18	0.70	0.35	0.17	0.01	-0.20	-0.36	-0.49	-0.63
25	NRUTM55,64		B	-0.09	0.00	-0.01	-0.06	-0.09	-0.09	-0.09	-0.10	-0.10	-0.09	-0.08
26	NRUTM65+		B	0.89	0.88	0.90	0.69	0.58	0.58	0.59	0.57	0.57	0.59	0.62
27	NUTF16,19		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	NUTF20,24		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29	NUTF25,34		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	NUTF35,44		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	NUTF45,54		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32	NUTF55,64		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0
33	NUTF65+		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	NUTM16,19		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	NUTM20,24		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	NUTM25,34		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	NUTM35,44		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38	NUTM45,54		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39	NUTM55,64		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40	NUTM65+		B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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TABLE 45.40 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PC	B	0,42	1,12	0,90	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
2	PCCF	B	-1,05	-1,70	0,45	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
3	PCS	B	0,90	4,25	4,40	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
4	PCSR	B	2,89	4,69	4,33	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
5	PDCEDAP	B	+0,32	0,55	2,58	2,62	2,80	2,90	3,03	2,92	2,78	2,70	2,52
6	PDCEDAVN	B	-0,59	-4,09	-7,21	-9,68	-15,51	-21,41	-27,29	-33,41	-39,54	-45,62	-51,78
7	PDCEDAVR+T	B	0,59	+0,25	-0,92	-2,37	-3,68	-5,08	-6,44	-8,06	-9,70	-11,29	-12,98
8	PDCEDAVU	B	-6,44	-5,63	+3,02	-14,40	-32,14	-50,01	-67,83	-86,00	-104,22	-122,35	-143,61
9	PDCEDF	B	-2,42	-3,51	+4,76	-4,72	-4,56	-4,47	-4,37	-4,47	-4,59	-4,66	-4,81
10	PDCEDO	B	0,31	-0,23	+0,07	0,97	2,14	3,23	4,35	5,24	6,12	7,04	7,88
11	PDCENC	B	-1,82	-4,25	-5,59	-5,54	-5,38	-5,30	-5,20	-5,29	-5,41	-5,48	-5,63
12	PDCENF	B	2,19	4,66	6,13	5,68	5,40	5,02	4,68	4,04	3,38	2,78	2,06
13	PDCENG	B	+2,19	-2,35	-0,73	2,27	5,27	8,27	11,27	14,27	17,27	20,27	23,27
14	PDCENO+H	B	-1,59	-4,72	-6,45	-7,40	-8,20	-9,09	-9,94	-11,07	-12,23	-13,32	-14,52
15	PDCESH	B	2,37	5,00	8,68	10,95	13,14	15,24	17,37	19,25	21,09	22,99	24,80
16	PDCESO	B	-0,28	-1,52	-1,96	-1,89	-1,67	-1,55	-1,39	-1,52	-1,70	-1,81	-2,04
17	PDCESS	B	2,71	3,34	3,91	4,90	5,83	6,77	7,74	8,58	9,40	10,32	11,44
18	PDCEST	B	0,71	-0,28	-0,53	-0,46	+0,25	-0,11	0,02	-0,10	-0,27	-0,38	-0,60
19	PDGVPF	B	0,10	-0,73	-0,99	-0,95	-0,75	-0,64	-0,49	-0,61	-0,76	-0,86	-1,06
20	PDGVPS	B	0,52	0,22	-0,39	-2,32	-4,12	-6,00	-7,84	-9,98	-12,14	-14,23	-16,10
21	PDIBFN	B	-0,49	-0,78	+2,14	-2,09	-1,88	-1,76	-1,59	-1,73	+1,90	-2,00	-1,86
22	PDIBFR	B	7,25	15,16	22,96	28,03	33,29	38,43	43,62	48,45	53,24	58,11	62,85
23	PDIBFRSNNH	B	6,83	6,57	5,53	3,35	3,34	3,34	3,34	3,34	3,34	3,34	3,34
24	PDIRITHTD	B	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
25	PDNBCGVG	B	3,07	2,84	2,80	2,30	1,80	1,30	0,80	0,30	-0,20	-0,70	-1,20
26	PDYN	B	+0,04	-0,02	-0,07	-0,07	-0,07	-0,07	-0,07	-0,07	-0,07	-0,07	-0,07
27	PTEBS+OTH	B	+2,60	+18,17	-28,04	-28,04	-28,04	-28,04	-28,04	-28,04	-28,04	-28,04	-28,04
28	PTEEGDCM	B	-26,54	+15,66	+8,08	-8,01	-7,70	-7,51	+7,25	-7,46	-7,72	-7,87	-8,21
29	PTEEGDF	B	-4,51	-13,94	-20,84	-20,80	-20,58	-20,45	-20,29	-20,42	-20,59	-20,69	-19,40
30	PTEEGDM	B	2,49	9,30	13,19	11,26	9,53	7,68	5,88	3,72	1,51	-0,61	-2,89
31	PTOEFUEL	B	-10,48	-11,43	+16,07	-15,94	-15,52	-15,30	-15,01	-15,28	-15,54	-15,72	-16,16
32	PUHSPRMH	B	-0,1100	+0,2053	-0,3435	-0,5425	-0,8426	-1,2428	+1,6917	-2,2328	-2,7475	-3,3226	-3,9809
33	PUHSPRSM	B	-1,3554	-1,8562	-2,3393	-2,8193	-3,2994	+3,7793	-4,2594	-4,7394	-5,2195	-5,6524	-6,0784
34	PUHSPRSI	B	0,3518	0,4434	0,1713	0,0879	0,0139	-0,2673	-0,4826	-0,6535	-0,9226	-1,1809	-1,3843
35	PURGX	B	0,25	0,17	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18
36	PW	B	-0,13	-0,18	-0,42	-0,42	-0,42	-0,42	-0,42	-0,42	-0,42	-0,42	-0,42
37	PWDMF	B	0,49	0,04	-0,93	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
38	PWPC	B	-1,57	3,63	0,23	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
39	PWPF	B	0,41	0,41	0,39	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
40	PWPFC	B	2,38	3,70	1,86	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
41	PWPFP	B	-0,30	2,56	1,80	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
42	PWPI	B	1,46	0,68	1,56	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
43	PXVGAG	B	-24,71	-53,21	-64,29	-90,10	-111,43	-129,33	-145,94	-161,56	-175,50	-192,97	-213,33
44	PXVGCC	B	+0,68	-5,58	-6,39	-6,39	-6,39	-6,39	-6,39	-3,39	+3,39	-3,39	-3,39
45	PXVGGVFE	B	-19,84	-38,68	-56,20	-79,76	-105,85	-135,78	-167,44	-198,69	-229,19	-262,22	-302,25
46	PXVGGVSE	B	+4,55	-7,24	-9,55	-11,53	-12,53	-13,53	-14,53	-15,53	-16,53	-17,53	-18,53
47	PXVGMFD24	B	-10,72	-20,22	-26,26	-34,25	-40,25	-45,25	-53,85	-60,35	-66,85	-73,35	-79,85
48	PXVGMFD25	B	16,42	14,47	14,10	14,11	14,11	14,11	14,11	14,11	14,11	14,11	14,11
49	PXVGMFD32	B	21,54	20,76	16,58	16,58	16,58	16,58	16,58	16,58	16,58	16,58	16,58
50	PXVGMFD33	B	-5,60	-6,47	+9,99	-9,99	-9,99	-9,99	-9,99	-9,99	-9,99	-9,99	-9,99
51	PXVGMFD34	B	12,21	6,56	+0,07	-0,07	-0,07	-0,07	+0,07	-0,07	+0,07	-0,07	-0,07

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TABLE 45.40 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PXVGMFD35	B	8.06	7.66	9.03	10.03	11.03	12.03	13.03	14.03	15.03	16.03	17.03
2	PXVGMFD36	B	13.91	15.43	18.77	21.77	24.77	27.77	30.77	33.77	36.77	39.77	42.77
3	PXVGMFD37SP1	B	11.46	11.74	14.49	16.36	17.86	19.51	21.17	22.77	24.38	26.03	27.78
4	PXVGMFD37SP2	B	9.51	9.92	12.61	14.61	16.61	18.61	20.61	22.61	24.61	26.61	28.61
5	PXVGMFD371	B	11.68	14.21	17.42	19.92	22.42	24.92	27.42	29.92	32.42	34.92	37.42
6	PXVGMFD38	B	-4.38	-11.78	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39
7	PXVGMFD39	B	2.43	4.51	7.55	10.44	14.69	19.06	23.43	27.74	32.07	36.43	40.87
8	PXVGMFN20	B	-1.54	-1.84	-3.49	-3.48	-3.48	-3.48	-3.48	-3.48	-3.48	-3.48	-3.48
9	PXVGMFN21	B	7.05	14.67	18.19	22.19	26.19	30.19	34.19	38.19	42.19	46.19	50.19
10	PXVGMFN22	B	9.65	11.52	10.10	10.09	10.09	10.09	10.09	10.09	10.09	10.09	10.09
11	PXVGMFN23	B	5.00	3.70	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
12	PXVGMFN26	B	20.30	19.43	24.18	26.18	28.18	30.18	32.18	34.18	36.18	38.18	40.18
13	PXVGMFN27	B	10.42	9.04	1.04	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
14	PXVGMFN28	B	4.64	10.99	11.06	13.06	15.06	17.06	19.06	21.06	23.06	25.06	27.06
15	PXVGMFN30	B	1.33	0.73	-3.76	-4.76	-5.76	-6.76	-7.76	-8.76	-9.76	-10.76	-11.76
16	PXVGMFN31	B	2.09	-0.37	-5.52	-7.53	-9.53	-11.53	-13.53	-15.53	-17.53	-19.53	-21.53
17	PXVGRGC48	B	-1.04	-2.42	-2.10	-2.70	-3.30	-3.90	-4.50	-5.10	-5.70	-6.30	-6.90
18	PXVGRGT	B	-1.22	-4.24	-7.18	-10.38	-13.58	-16.78	-19.98	-23.18	-26.38	-29.58	-32.78
19	PXVGRGU49	B	11.25	15.26	22.88	31.88	40.88	49.88	58.88	67.88	76.88	85.88	94.88
20	PXVGSV	B	2.58	0.44	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
21	PXVNCO	B	1.02	1.82	2.08	2.24	3.64	5.71	7.46	9.34	11.09	12.71	13.06
22	PXVNMFN29	B	37.03	38.81	35.55	39.66	43.83	47.12	51.36	55.98	61.02	66.51	72.50
23	PXVNMG	B	24.72	48.11	77.90	110.90	143.90	175.90	201.90	223.90	245.90	266.90	287.90
24	RATXOPERNS	B	0.0005	-0.0017	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053
25	RAWLSS	B	0.036	-0.018	2.040	2.040	2.040	2.040	2.040	2.040	2.040	2.040	2.040
26	SAHRRDAV	B	0.102	0.111	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
27	TEBSIFS	B	-15.10	-4.46	9.23	9.28	12.58	15.18	16.78	19.48	22.00	25.24	28.97
28	TEBSTRDS	B	0.49	0.76	0.91	1.31	1.71	2.11	2.51	2.91	3.31	3.71	4.11
29	TEBSTRPS	B	-0.09	-0.25	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
30	TEBSTVS	B	0.91	1.52	1.44	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
31	TECGDO+1S	B	9.19	6.40	-0.69	-12.34	-27.70	-43.39	-63.89	-82.29	-99.44	-114.52	-131.55
32	TECGD2+4S	B	1.11	-0.10	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40
33	TECGD5,9-3-220S	B	0.93	15.33	18.44	21.90	25.69	29.65	33.58	43.06	53.36	62.83	70.47
34	TMBSIFS	B	-2.51	-10.29	-13.47	-14.47	-15.47	-14.97	-10.72	-9.57	-7.72	-5.97	-4.72
35	TMBSTRDS	B	0.61	1.40	2.42	2.92	3.42	3.92	4.42	4.92	5.42	5.92	6.42
36	TMBSTRPS	B	0.51	0.81	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
37	TMBSTVS	B	-0.03	0.20	0.23	0.13	0.03	-0.07	-0.17	-0.27	-0.37	-0.47	-0.57
38	TMCGI0+1S	B	-0.05	-0.92	-3.44	-5.44	-5.44	-5.44	-5.44	-5.44	-5.44	-5.44	-5.44
39	TMCGI2+4S	B	0.27	-1.00	-1.60	-1.60	-1.00	-0.81	-0.81	-0.81	-0.80	-0.80	-0.51
40	TMCGI5,9-UGT3S	B	8.00	6.53	2.96	-0.49	-3.20	-6.62	-10.31	-16.52	-24.49	-31.00	-39.04
41	TRTOPUS	B	-2.21	-3.17	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18
42	TXCBFS	B	-3.97	-5.57	-7.33	-11.82	-12.82	-13.02	-13.62	-14.42	-15.22	-16.02	-23.71
43	TXCBFEGAS$	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	TXCBS$	B	-18.36	-28.45	-33.91	-40.54	-48.49	-57.99	-69.36	-82.95	-98.21	-113.66	-129.00
45	TXCBSGAS$	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	TXCCFS	B	1.46	-0.94	-2.78	-1.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80
47	TXCCS$	B	-0.82	-0.87	-1.42	-2.02	-2.62	-3.22	-3.82	-4.42	-5.02	-5.62	-7.10
48	TXCPFS	B	-8.91	-5.14	-8.73	-9.46	-10.55	-11.64	-12.73	-20.18	-27.63	-35.08	-42.53
49	TXCPS$	B	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.80	1.20	5.50
50	TXCSFT-3S	B	-0.00	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00
51	TXCSFT$S	B	-4.28	-5.86	-12.03	-13.03	-14.03	-15.03	-16.03	-17.03	-18.03	-19.03	-20.03

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TABLE 45.40 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	TXCSST$	B	4.56	5.44	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.89
2	TXOPFDVIPR$	B	0.18	-0.53	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85
3	TXOPFEN	B	9.724	7.953	4.814	3.814	2.814	1.814	0.814	-0.186	-1.186	-2.186	-3.186
4	TXOPFRN	B	-1.941	-1.781	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480
5	TXOPFY1	B	-0.0108	-0.0165	-0.0125	-0.0056	0.0008	0.0060	0.0095	0.0105	0.0107	0.0105	0.0101
6	TXOPFY2	B	-0.0042	-0.0105	-0.0076	-0.0019	0.0036	0.0081	0.0112	0.0118	0.0117	0.0112	0.0107
7	TXOPFY3	B	0.0075	-0.0035	-0.0040	0.0000	0.0043	0.0081	0.0106	0.0102	0.0093	0.0080	0.0067
8	TXOPFY4	B	0.0004	0.0002	0.0010	0.0034	0.0064	0.0094	0.0114	0.0106	0.0094	0.0080	0.0068
9	TXOPFY5	B	-0.0532	-0.0830	-0.1051	-0.1370	-0.1619	-0.1896	-0.2173	-0.2545	-0.2905	-0.3297	-0.3601
10	TXOPFY6	B	-0.1338	-0.1478	-0.1950	-0.2697	-0.3511	-0.4282	-0.4966	-0.5566	-0.6044	-0.6412	-0.6686
11	TXOPFY7	B	-0.0943	-0.0971	-0.1371	-0.2086	-0.2974	-0.3917	-0.4817	-0.5579	-0.6185	-0.6638	-0.6972
12	TXOPFYA+	B	-0.0787	-0.0838	-0.1044	-0.1349	-0.1774	-0.2231	-0.2720	-0.3247	-0.3752	-0.4221	-0.4668
13	WRCGVG	B	-2.13	-3.18	-1.66	-2.26	-2.86	-3.45	-4.05	-4.65	-5.25	-5.85	-6.44
14	WRCAG$	B	8.398	9.050	8.562	8.561	7.920	6.640	4.720	2.160	-1.041	-4.881	-9.360
15	WRCCD$	B	-4.600	-4.789	-7.785	-6.656	-7.063	-6.900	-6.494	-5.452	-4.523	-2.821	-0.912
16	WRCGVF$	B	-38.204	-54.772	-69.665	-91.585	-116.048	-142.756	-171.014	-201.395	-232.529	-268.398	-300.362
17	WRCGVS$	B	-4.831	-8.260	-14.008	-12.879	-11.879	-10.879	-10.879	-9.879	-9.879	-9.879	-9.319
18	WRCMFD24$	B	-0.200	-0.066	-0.027	-0.027	-0.027	-0.027	-0.027	-0.027	-0.028	-0.028	-0.027
19	WRCMFD25$	B	-0.007	0.104	0.087	0.117	0.130	0.143	0.156	0.169	0.182	0.195	0.249
20	WRCMFD32$	B	-0.047	-0.017	-0.045	-0.059	-0.059	-0.059	-0.059	-0.059	-0.059	-0.059	-0.009
21	WRCMFD33$	B	0.049	0.172	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.211
22	WRCMFD34$	B	-0.157	-0.088	-0.034	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.087
23	WRCMFD35$	B	0.264	0.049	0.031	0.081	0.081	0.081	0.081	0.081	0.081	0.081	0.120
24	WRCMFD36$	B	-0.207	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
25	WRCMFD37SP2$	B	-0.028	0.048	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.062
26	WRCMFD371$	B	-1.012	-0.976	-1.073	-1.173	-1.173	-1.173	-1.173	-1.173	-1.173	-1.173	-1.203
27	WRCMFD38$	B	0.083	0.189	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215
28	WRCMFN20$	B	0.279	0.061	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.102
29	WRCMFN21$	B	0.249	0.123	0.027	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.122
30	WRCMFN22$	B	-0.109	-0.089	-0.070	-0.090	-0.090	-0.090	-0.090	-0.090	-0.090	-0.090	-0.090
31	WRCMFN23$	B	-0.135	-0.137	-0.128	-0.133	-0.133	-0.133	-0.133	-0.133	-0.133	-0.133	-0.140
32	WRCMFN26$	B	-0.316	-0.209	-0.324	-0.390	-0.390	-0.390	-0.390	-0.390	-0.390	-0.390	-0.310
33	WRCMFN27$	B	0.137	0.155	0.096	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.138
34	WRCMFN28$	B	-0.043	0.174	0.080	0.090	0.100	0.110	0.120	0.130	0.140	0.150	0.148
35	WRCMFN29$	B	0.300	0.358	0.328	0.387	0.407	0.427	0.447	0.467	0.487	0.507	0.592
36	WRCMFN30$	B	-0.350	0.036	0.020	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
37	WRCMFN31$	B	0.083	0.116	0.096	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.117
38	WRCMG$	B	0.345	0.182	-0.148	-0.148	-0.148	-0.118	-0.118	-0.118	-0.118	-0.058	-0.058
39	WRCRGCA8$	B	-12.838	-8.155	-12.769	-13.670	-14.570	-15.470	-16.370	-17.270	-17.170	-14.430	-12.330
40	WRCRGT$	B	2.452	-7.251	-2.303	-3.544	-2.785	-2.024	-1.264	-0.504	0.255	1.015	3.546
41	WRCRGU49$	B	-0.743	-8.795	-4.256	-6.436	-5.616	-4.796	-2.676	-0.656	1.664	4.484	8.924
42	XVGAG	B	-4.33	-4.66	-4.79	-4.24	-3.69	-3.14	-2.59	-2.04	-1.49	-0.94	-0.39
43	XVGCC	B	0.31	0.07	-0.00	0.84	1.70	2.55	3.40	4.25	5.10	5.95	6.80
44	XVGFI-65+6	B	-0.50	0.82	0.74	1.24	1.75	2.25	2.75	3.25	3.75	4.25	4.75
45	XVGFI65+6	B	1.03	0.88	0.82	1.02	1.22	1.42	1.63	1.83	2.03	2.23	2.44
46	XVGGVFE	B	-0.49	-0.84	-1.22	-1.22	-1.22	-1.22	-1.22	-1.17	-1.12	-1.07	
47	XVGGVSE	B	-0.32	-0.70	-1.09	-0.80	-0.50	-0.20	0.11	0.41	0.71	1.01	1.31
48	XVGMFD24	B	0.42	0.92	1.34	1.54	1.74	1.94	2.14	2.34	2.93	3.52	4.11
49	XVGMFD25	B	-0.07	0.09	0.29	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
50	XVGMFD32	B	0.15	0.86	1.36	1.41	1.47	1.53	1.59	1.65	1.71	1.77	1.84
51	XVGMFD33	B	0.17	1.72	2.39	2.69	2.99	3.28	3.58	3.88	4.19	4.49	4.88

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1	XVGMFD34	B	-0.38	0.38	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
2	XVGMFD35	B	0.43	1.49	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.64	2.64
3	XVGMFD36	B	0.79	1.83	1.11	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
4	XVGMFD37SP1	B	-0.04	0.87	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
5	XVGMFD371	B	1.34	2.26	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17
6	XVGMFD38	B	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
7	XVGMFD39	B	-0.20	-0.09	-0.17	-0.12	-0.07	-0.02	0.03	0.08	0.13	0.18	0.23
8	XVGMFN20	B	1.08	1.74	1.63	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64
9	XVGMFN21	B	-0.12	-0.25	-0.35	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33
10	XVGMFN22	B	-0.48	-0.76	-1.13	-1.23	-1.33	-1.44	-1.54	-1.64	-1.73	-1.83	-1.93
11	XVGMFN23	B	0.22	-0.04	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
12	XVGMFN26	B	0.05	0.32	0.34	0.45	0.55	0.65	0.75	0.85	0.95	1.05	1.15
13	XVGMFN27	B	0.42	1.00	1.62	1.82	2.02	2.22	2.42	2.62	2.82	3.02	3.22
14	XVGMFN28	B	0.22	0.12	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15	XVGMFN29	B	-0.28	-0.14	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
16	XVGMFN30	B	-0.32	-0.19	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
17	XVGMFN31	B	-0.03	-0.04	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
18	XVGMG10	B	0.05	0.14	0.18	0.27	0.36	0.45	0.54	0.63	0.72	0.87	1.04
19	XVGMG11+12	B	0.39	0.69	0.94	1.17	1.41	1.65	1.89	2.13	2.37	2.61	2.85
20	XVGMG13	B	3.21	4.47	5.34	6.27	7.19	8.11	9.03	9.95	10.87	11.79	12.71
21	XVGMG14	B	0.33	0.58	0.90	1.01	1.12	1.23	1.34	1.45	1.56	1.67	1.78
22	XVGOTIVA	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XVGOTTM	B	-0.03	-0.07	-0.17	-0.19	-0.22	-0.24	-0.26	-0.29	-0.31	-0.34	-0.36
24	XVGRGC48	B	0.03	-0.65	-1.34	0.08	-3.00	-3.98	-5.55	-6.75	-7.63	-8.39	-8.59
25	XVGRGT40	B	-0.57	-0.61	-0.53	-0.43	-0.33	-0.23	-0.13	-0.03	0.07	0.17	0.27
26	XVGRGT41	B	-0.50	-0.58	-0.61	-0.55	-0.49	-0.43	-0.37	-0.31	-0.25	-0.19	-0.13
27	XVGRGT42	B	0.00	-0.27	-0.81	-1.09	-1.37	-1.65	-1.93	-2.21	-2.49	-2.77	-3.05
28	XVGRGT44	B	0.04	-0.10	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
29	XVGRGT45	B	-0.47	-0.82	-1.27	-1.30	-1.33	-1.36	-1.39	-1.42	-1.45	-1.48	-1.51
30	XVGRGT46	B	-0.12	-0.18	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
31	XVGRGT47	B	0.06	0.08	0.09	0.13	0.17	0.21	0.25	0.29	0.33	0.37	0.41
32	XVGRGU49	B	1.38	2.23	3.58	5.38	6.98	8.38	9.88	11.58	13.68	15.98	18.28
33	XVGRW	B	-0.54	-2.21	-2.29	-2.80	-3.30	-3.79	-4.29	-4.79	-5.29	-5.79	-6.29
34	XVGSV	B	1.33	-5.88	-7.63	-7.63	-7.43	-7.22	-7.02	-6.82	-6.62	-6.41	-6.21
35	XVGWRR52,9	B	2.15	2.61	0.83	1.55	2.28	3.00	3.72	4.45	5.17	5.89	6.61
36	XVGWRW50+1	B	-3.50	-4.34	-4.97	-4.85	-4.72	-4.60	-4.48	-4.36	-4.24	-4.12	-3.99
37	YDIVTS	B	0.72	1.63	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
38	YOTHS	B	10.04	13.54	13.67	19.17	24.67	30.17	35.67	41.17	46.67	52.17	57.67
39	YPDSAVR	B	0.795	1.619	2.849	3.064	3.404	3.569	3.647	3.845	3.914	3.801	3.445

A PRODUCT OF WHARTON EFA INC., 3624 MARKET ST, PHILA, PA 19104. WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

APPENDIX IV

WHARTON ANNUAL MODEL

HIGHER PRODUCTIVITY ALTERNATIVE

TABLE 1.00 SELECTED INDICATORS

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP$		I	GROSS NATIONAL PRODUCT (CUR $)-----	2105.7	2308.1	2509.9	2805.0	3131.2	3463.8	3793.7	4175.6	4533.5	4888.3	5239.0
2	GNP$		I	% CHANGE	11.6	9.6	8.7	11.8	11.6	10.6	9.5	10.1	8.6	7.8	7.2
3															
4	GNP		I	GROSS NATIONAL PRODUCT (72 $)------	1384.3	1416.7	1449.2	1514.2	1581.0	1637.7	1685.9	1750.7	1803.6	1855.4	1905.3
5	GNP		I	% CHANGE	3.9	2.3	2.3	4.5	4.4	3.6	2.9	3.8	3.0	2.9	2.7
6															
7	PDGNP		I	GROSS NAT. PROD. DEFL. (1972=100.0)	152.1	162.9	173.2	185.3	198.1	211.5	225.0	238.5	251.4	263.5	275.0
8	PDGNP		I	% CHANGE	7.4	7.1	6.3	7.0	6.9	6.8	6.4	6.0	5.4	4.8	4.4
9															
10	NPT		I	POPULATION (MILLIONS)----------	218.51	220.31	222.24	224.29	226.43	228.60	230.79	232.98	235.17	237.33	239.48
11	NPT		I	% CHANGE	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9
12															
13	NLC		I	LABOR FORCE (MILLIONS)----------	100.32	102.74	104.84	106.46	107.99	109.54	111.02	112.54	114.15	115.84	117.38
14	NLC		I	% CHANGE	3.0	2.4	2.0	1.5	1.4	1.4	1.3	1.4	1.4	1.5	1.3
15															
16	NRLT*			PARTICIPATION RATE----------	63.0	63.6	64.0	64.1	64.3	64.6	64.8	65.1	65.3	65.6	66.0
17	NRLT*			% CHANGE	1.3	0.9	0.6	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5
18															
19	NEMT*			EMPLOYMENT (MILLIONS)----------	94.26	96.38	98.07	100.64	103.02	105.02	106.61	108.25	109.64	110.99	112.31
20	NEMT*			% CHANGE	4.1	2.3	1.8	2.6	2.4	1.9	1.5	1.5	1.3	1.2	1.2
21															
22	WRC$		I	WAGE RATE PER WEEK, ALL INDUSTRIES-	265.1	286.1	306.6	331.5	358.7	387.9	418.4	450.8	482.8	514.5	546.5
23	WRC$		I	% CHANGE	8.2	7.9	7.1	8.1	8.2	8.1	7.9	7.8	7.1	6.6	6.2
24															
25	GNPPP		I	PRODUCTIVITY - ALL INDUSTRIES------	14.686	14.699	14.777	15.046	15.347	15.595	15.814	16.173	16.451	16.717	16.965
26	GNPPP		I	% CHANGE	-0.2	0.1	0.5	1.8	2.0	1.6	1.4	2.3	1.7	1.6	1.5
27															
28	XVGMFPP		I	PRODUCTIVITY - ALL MANUFACTURING---	8.062	8.231	8.429	8.748	9.066	9.323	9.563	9.876	10.135	10.400	10.670
29	XVGMFPP		I	% CHANGE	2.5	2.1	2.4	3.8	3.6	2.8	2.6	3.3	2.6	2.6	2.6
30															
31	GNPPC		I	REAL PER CAPITA GNP (THOU 72 $)----	6.335	6.430	6.521	6.751	6.982	7.164	7.305	7.514	7.669	7.818	7.956
32	GNPPC		I	% CHANGE	3.0	1.5	1.4	3.5	3.4	2.6	2.0	2.9	2.1	1.9	1.8
33															
34	YPD/NPT			REAL PER CAP DISP INC (THOU '72 $)-	4.413	4.518	4.626	4.761	4.907	5.030	5.135	5.272	5.387	5.496	5.600
35	YPD/NPT			% CHANGE	3.3	2.4	2.4	2.9	3.1	2.5	2.1	2.7	2.2	2.0	1.9
36															
37	CPURTS		I	CORPORATE PROFITS BEFORE TAXES-----	202.6	212.1	230.4	282.6	327.8	365.2	390.7	439.5	472.4	500.6	528.4
38	CPURTS		I	% CHANGE	16.5	4.7	8.6	22.6	16.0	11.4	7.0	12.5	7.5	6.0	5.5
39															
40	FRMCS		R	BOND RATE (%)----------	9.06	9.79	9.64	9.77	10.01	9.50	9.26	8.95	8.64	8.37	8.29
41	FRUCP4M		R	PRIME COMMERCIAL PAPER RATE (%)----	8.10	10.01	8.63	8.79	8.59	7.99	7.35	7.15	6.97	6.90	6.85
42	FM1$		I	MONEY SUPPLY----------	976.2	1061.3	1152.3	1288.6	1443.7	1619.2	1801.0	1987.2	2174.2	2344.3	2510.6
43	FM1$		I	% CHANGE	10.8	8.7	8.6	11.8	12.0	12.2	11.2	10.3	9.4	7.8	7.1
44															
45	UNRUT		I	UNEMPLOYMENT RATE (%)----------	6.05	6.19	6.46	5.47	4.61	4.13	3.97	3.82	3.95	4.19	4.32
46	YPDSAVR		R	SAVINGS RATE (%)----------	5.43	6.08	6.73	6.88	7.26	7.35	7.35	7.46	7.54	7.51	7.54
47															
48	GVSURPE$		I	SURPLUS OR DEFICIT, FEDERAL (CUR $)	-51.0	-40.6	-63.3	-54.4	-41.5	-31.4	-27.1	-13.2	-9.9	-8.7	-17.2
49	GVSURPS$		I	SURPLUS OR DEF, STATE & LOC (CUR $)	27.1	22.9	23.7	26.8	28.9	30.8	32.6	35.1	35.4	35.8	38.6
50															
51	PRE$/YDS			COMPEN. OF EMPLOYEES TO NAT. INCOME	76.4	76.8	77.0	76.0	75.3	75.0	75.2	74.7	74.6	74.7	74.9
52	CPURTS/YDS			PROFITS TO NATIONAL INCOME----------	11.9	11.4	11.4	12.4	12.8	12.9	12.7	12.9	12.8	12.6	12.4

A PRODUCT OF WHARTON ECO. F.C., 3624 MARKET ST., PHILA., PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 2.00 GROSS NATIONAL PRODUCT (CURRENT AND 72$)

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1															
2				----------CURRENT DOLLARS----------											
3															
4	GNP$		I	GROSS NATIONAL PRODUCT----------	2105.7	2308.1	2509.9	2805.0	3131.2	3463.8	3793.7	4175.6	4533.5	4888.3	5239.0
5	GNP$		I	% CHANGE	11.6	9.6	8.7	11.8	11.6	10.6	9.5	10.1	8.6	7.8	7.2
6															
7	CE$		I	PERSONAL CONSUMPTION EXPENDITURES--	1336.5	1465.4	1599.3	1774.7	1962.2	2161.2	2364.4	2585.8	2800.2	3016.4	3229.6
8	CE$		I	% CHANGE	10.8	9.6	9.1	11.0	10.6	10.1	9.4	9.4	8.3	7.7	7.1
9															
10	CED$		I	DURABLE GOODS----------	195.8	209.7	228.3	256.3	284.9	313.2	340.7	375.1	404.4	433.8	460.1
11	CED$		I	% CHANGE	9.8	7.1	8.8	12.3	11.2	9.9	8.8	10.1	7.8	7.3	6.0
12															
13	CEN$		I	NONDURABLE GOODS----------	523.9	572.1	618.4	677.9	740.4	806.5	873.2	944.4	1013.9	1082.4	1149.2
14	CEN$		I	% CHANGE	9.8	9.2	8.1	9.6	9.2	8.9	8.3	8.2	7.4	6.8	6.2
15															
16	CES$		I	SERVICES----------	616.8	683.6	752.6	840.5	936.9	1041.5	1150.5	1266.3	1381.9	1500.2	1620.4
17	CES$		I	% CHANGE	12.3	10.8	10.1	11.7	11.5	11.2	10.5	10.1	9.1	8.6	8.0
18															
19	IAT$		I	GROSS PRIVATE DOMESTIC INVESTMENT--	345.7	362.0	388.8	467.4	557.6	631.1	695.9	787.8	852.8	917.0	977.6
20	IAT$		I	% CHANGE	16.1	4.7	7.4	20.2	19.3	13.2	10.3	13.2	8.3	7.5	6.6
21															
22	IAF$		I	FIXED INVESTMENT----------	328.7	350.7	378.1	446.4	527.2	596.7	659.2	745.6	809.2	872.2	931.4
23	IAF$		I	% CHANGE	16.5	6.7	7.8	18.1	18.1	13.2	10.5	13.1	8.5	7.8	6.8
24															
25	IAFN$		I	NONRESIDENTIAL----------	222.4	247.4	269.8	317.3	370.6	420.5	466.4	518.4	560.1	611.3	666.8
26	IAFN$		I	% CHANGE	16.8	11.3	9.0	17.6	16.8	13.4	10.9	11.1	8.0	9.1	9.1
27															
28	IAFR$		I	RESIDENTIAL STRUCTURES----------	106.4	103.3	108.3	129.1	156.6	176.2	192.9	227.3	249.2	260.9	264.6
29	IAFR$		I	% CHANGE	15.8	-2.9	4.9	19.2	21.3	12.5	9.4	17.8	9.6	4.7	1.4
30															
31	IAIT$		B	CHANGE IN BUSINESS INVENTORIES----	17.0	11.2	10.7	21.0	30.3	34.4	36.6	42.1	43.6	44.8	46.1
32															
33	TAB$		I	NET EXPORTS OF GOODS AND SERVICES--	-9.9	6.0	10.5	2.6	-4.1	-4.4	-6.4	-4.7	4.9	9.5	13.9
34															
35	TEA$		I	EXPORTS----------	206.4	253.0	283.3	316.1	350.9	390.3	429.0	480.2	537.6	595.9	654.7
36	TEA$		I	% CHANGE	17.6	22.6	12.0	11.6	11.0	11.2	9.9	11.9	12.0	10.9	9.9
37															
38	TMA$		I	IMPORTS----------	216.3	246.9	272.8	313.5	355.0	394.7	435.4	484.9	532.7	586.4	640.8
39	TMA$		I	% CHANGE	15.9	14.2	10.5	14.9	13.2	11.2	10.3	11.4	9.8	10.1	9.3
40															
41	GVPT$		I	GOV'T PURCH OF GOODS AND SERVICES--	433.4	474.7	511.3	560.3	615.5	675.9	739.8	806.8	875.6	945.3	1018.0
42	GVPT$		I	% CHANGE	10.0	9.5	7.7	9.6	9.9	9.8	9.5	9.1	8.5	8.0	7.7
43															
44	GVPF$		I	FEDERAL----------	153.3	167.8	181.0	198.0	216.3	235.6	256.0	277.1	298.3	320.0	342.1
45	GVPF$		I	% CHANGE	5.7	9.5	7.8	9.4	9.2	8.9	8.6	8.2	7.7	7.3	6.9
46															
47	GVPS$		I	STATE AND LOCAL----------	280.1	306.9	330.3	362.2	399.2	440.2	483.8	529.8	577.3	625.3	675.9
48	GVPS$		I	% CHANGE	12.5	9.6	7.6	9.7	10.2	10.3	9.9	9.5	9.0	8.3	8.1

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TABLE 2.00 GROSS NATIONAL PRODUCT (CURRENT AND 72$)

LINE	VAR	LABEL	I T E M	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1														
2			--------CONSTANT 72 DOLLARS--------											
3														
4	GNP	I	GROSS NATIONAL PRODUCT----------	1384.3	1416.7	1449.2	1514.2	1581.0	1637.7	1685.9	1750.7	1803.6	1855.4	1905.3
5	GNP	I	% CHANGE	3.9	2.3	2.3	4.5	4.4	3.6	2.9	3.8	3.0	2.9	2.7
6														
7	CF	I	PERSONAL CONSUMPTION EXPENDITURES--	888.9	910.9	933.5	969.5	1005.1	1040.0	1072.9	1111.6	1146.3	1181.3	1214.6
8	CF	I	% CHANGE	3.6	2.5	2.5	3.9	3.7	3.5	3.2	3.6	3.1	3.1	2.8
9														
10	CFD	I	DURABLE GOODS----------	143.3	144.7	149.6	158.7	167.9	175.9	182.9	193.1	200.5	207.6	213.2
11	CFD	I	% CHANGE	4.0	1.0	3.4	6.1	5.8	4.8	4.0	5.6	3.8	3.6	2.7
12														
13	CFN	I	NONDURABLE GOODS----------	337.9	346.7	354.3	366.2	376.9	387.2	396.7	407.5	417.8	428.3	438.5
14	CFN	I	% CHANGE	2.3	2.6	2.2	3.4	2.9	2.8	2.4	2.7	2.5	2.5	2.4
15														
16	CFS	I	SERVICES----------	407.6	419.4	429.6	444.6	460.4	476.9	493.4	511.0	528.0	545.3	562.8
17	CFS	I	% CHANGE	4.7	2.9	2.4	3.5	3.6	3.6	3.4	3.6	3.3	3.3	3.2
18														
19	IBT	I	GROSS PRIVATE DOMESTIC INVESTMENT--	210.8	202.7	203.1	227.0	252.3	266.6	275.1	292.4	298.5	304.5	309.2
20	IBT	I	% CHANGE	7.4	-3.8	0.2	11.8	11.1	5.7	3.2	6.3	2.1	2.0	1.5
21														
22	IBF	I	FIXED INVESTMENT----------	199.6	196.0	196.9	215.4	236.3	249.4	257.7	273.3	279.6	285.8	290.8
23	IBF	I	% CHANGE	6.5	-1.8	0.4	9.4	9.7	5.5	3.3	6.0	2.3	2.3	1.7
24														
25	IBFN	I	NONRESIDENTIAL----------	140.1	144.5	147.9	161.7	176.1	186.6	193.7	202.5	206.4	213.4	221.1
26	IBFN	I	% CHANGE	7.9	3.2	2.4	9.3	8.9	6.0	3.8	4.5	2.0	3.4	3.6
27														
28	IBFR	I	RESIDENTIAL STRUCTURES----------	59.5	51.5	49.0	53.7	60.2	62.8	64.0	70.8	73.1	72.4	69.7
29	IBFR	I	% CHANGE	3.2	-13.5	-4.9	9.6	12.2	4.3	1.9	10.6	3.3	-1.0	-3.8
30														
31	IBIT	I	CHANGE IN BUSINESS INVENTORIES----	11.2	6.7	6.2	11.6	16.0	17.2	17.4	19.1	18.9	18.6	18.4
32														
33	IBB	I	NET EXPORTS OF GOODS AND SERVICES--	9.7	21.1	26.3	24.3	22.4	21.7	20.3	20.9	24.5	26.6	29.6
34														
35	IEB	I	EXPORTS----------	108.3	125.3	133.5	140.1	146.3	152.9	158.6	168.1	179.1	190.0	200.4
36	IEB	I	% CHANGE	10.2	15.8	6.5	5.0	4.4	4.5	3.7	6.0	6.6	6.1	5.5
37														
38	IMB	I	IMPORTS----------	98.6	104.3	107.2	115.8	124.0	131.2	138.2	147.1	154.7	163.4	170.8
39	IMB	I	% CHANGE	11.1	5.8	2.8	8.0	7.1	5.9	5.4	6.4	5.1	5.6	4.6
40														
41	GVPT	I	GOV'T PURCH OF GOODS AND SERVICES--	274.9	282.1	286.3	293.3	301.2	309.3	317.5	325.7	334.4	343.0	351.9
42	GVPT	I	% CHANGE	2.1	2.6	1.5	2.4	2.7	2.7	2.6	2.6	2.7	2.6	2.6
43														
44	GVPF	I	FEDERAL----------	100.1	102.9	104.7	107.0	109.4	111.8	114.3	116.8	119.4	122.1	124.8
45	GVPF	I	% CHANGE	-1.5	2.9	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
46														
47	GVPS	I	STATE AND LOCAL----------	174.8	179.1	181.6	186.3	191.8	197.5	203.2	208.9	214.9	220.9	227.2
48	GVPS	I	% CHANGE	4.3	2.5	1.4	2.6	3.0	3.0	2.9	2.8	2.9	2.8	2.8

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST, PHILA, PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 3.10 PERSONAL CONSUMPTION EXPENDITURES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----------CURRENT DOLLARS--------											
2														
3	CE$	I	PERSONAL CONSUMPTION EXPENDITURES	1336.5	1465.4	1599.3	1774.7	1962.2	2161.2	2364.4	2585.8	2800.2	3016.4	3229.6
4														
5	CED$	I	DURABLE GOODS----------	195.8	209.7	228.3	256.3	284.9	313.2	340.7	375.1	404.4	433.8	460.1
6	CEDA$	I	AUTOS AND PARTS----------	89.1	92.0	101.2	116.9	131.2	143.4	153.1	167.8	179.0	191.0	201.3
7	CEDF$	I	FURNITURE AND HOUSEHOLD EQUIP.-	77.1	84.5	90.4	98.8	108.8	120.6	134.2	149.0	162.7	175.6	187.1
8	CEDO$	I	OTHER DURABLE GOODS----------	29.6	33.4	36.7	40.7	44.8	49.2	53.4	58.2	62.7	67.3	71.7
9														
10	CEN$	I	NONDURABLE GOODS----------	523.9	572.1	618.4	677.9	740.4	806.5	873.2	944.4	1013.9	1082.4	1149.2
11	CENF$	I	FOOD AND BEVERAGES----------	268.9	290.0	309.7	337.7	368.0	400.2	435.3	468.1	501.7	534.6	567.0
12	CENC$	I	CLOTHING AND SHOES----------	88.1	96.6	104.9	115.3	126.2	137.7	149.2	161.3	172.8	184.1	195.1
13	CENG$	I	GASOLINE AND OIL----------	50.3	56.6	62.7	69.2	74.8	80.1	84.7	89.1	93.6	98.0	102.0
14	CENO+H$	I	OTHER NONDURABLE GOODS---------	116.6	128.9	141.1	155.8	171.3	188.5	206.0	225.9	245.7	265.7	285.2
15														
16	CES$	I	SERVICES----------	616.8	683.6	752.6	840.5	936.9	1041.5	1150.5	1266.3	1381.9	1500.2	1620.4
17	CESH$	I	HOUSING----------	207.0	230.7	252.8	278.7	309.6	343.2	377.9	413.4	448.6	483.8	519.1
18	CESS$	I	HOUSEHOLD OPERATION SERVICES---	91.9	101.1	110.4	122.0	134.1	147.2	161.0	175.7	189.9	204.2	218.5
19	CEST$	I	TRANSPORTATION SERVICES--------	52.7	59.3	65.1	72.9	81.4	90.6	100.1	110.0	120.2	130.8	141.1
20	CESO$	I	OTHER SERVICES----------	265.1	292.5	324.3	366.9	411.9	460.4	511.4	567.2	623.7	681.4	741.7
21														
22			-------CONSTANT 72 DOLLARS-------											
23														
24	CE	I	PERSONAL CONSUMPTION EXPENDITURES	888.9	910.9	933.5	969.5	1005.1	1040.0	1072.9	1111.6	1146.3	1181.3	1214.6
25														
26	CED	I	DURABLE GOODS----------	143.3	144.7	149.6	158.7	167.9	175.9	182.9	193.1	200.5	207.6	213.2
27	CEDA	I	AUTOS AND PARTS----------	61.1	58.1	59.7	65.3	70.1	72.9	73.9	77.3	78.7	80.3	81.1
28	CEDF	B	FURNITURE AND HOUSEHOLD EQUIP.-	60.0	62.6	64.6	66.8	70.0	74.1	79.0	84.5	89.2	93.5	97.1
29	CEDO	B	OTHER DURABLE GOODS----------	22.3	24.0	25.3	26.5	27.7	28.9	30.0	31.3	32.6	33.8	35.1
30														
31	CEN	I	NONDURABLE GOODS----------	337.9	346.7	354.3	366.2	376.9	387.2	396.7	407.5	417.8	428.3	438.5
32	CENF	B	FOOD AND BEVERAGES----------	165.0	164.9	164.4	169.6	174.1	178.3	182.1	186.0	189.7	193.5	197.4
33	CENC	B	CLOTHING AND SHOES----------	70.0	74.1	77.9	81.2	84.4	87.6	90.6	94.1	97.4	100.7	104.1
34	CENG	B	GASOLINE AND OIL----------	27.9	29.4	30.6	31.3	31.5	31.5	31.3	31.0	30.8	30.7	30.4
35	CENO+H	B	OTHER NONDURABLE GOODS---------	75.1	78.4	81.3	84.1	86.8	89.8	92.7	96.4	99.9	103.4	106.6
36														
37	CES	I	SERVICES----------	407.6	419.4	429.6	444.6	460.4	476.9	493.4	511.0	528.0	545.3	562.8
38	CESH	B	HOUSING----------	146.5	150.7	152.7	156.3	161.4	167.0	172.7	178.5	184.3	190.1	196.1
39	CESS	B	HOUSEHOLD OPERATION SERVICES---	58.4	60.1	61.6	63.9	66.6	69.5	72.4	75.6	78.5	81.4	84.3
40	CEST	B	TRANSPORTATION SERVICES--------	34.2	35.8	36.8	38.2	39.6	41.1	42.3	43.7	45.0	46.3	47.5
41	CESO	B	OTHER SERVICES----------	168.6	172.8	178.6	186.2	192.8	199.4	205.9	213.3	220.3	227.5	234.9

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TABLE 3.2B PERSONAL CONSUMPTION EXPENDITURES, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----------CURRENT DOLLARS--------											
2														
3	CE$	I	PERSONAL CONSUMPTION EXPENDITURES	10.8	9.6	9.1	11.0	10.6	10.1	9.4	9.4	8.3	7.7	7.1
4														
5	CED$	I	DURABLE GOODS----------	9.8	7.1	8.8	12.3	11.2	9.9	8.8	10.1	7.8	7.3	6.0
6	CEDA$	I	AUTOS AND PARTS----------	9.4	3.2	10.0	15.5	12.3	9.3	6.7	9.6	6.7	6.7	5.3
7	CEDF$	I	FURNITURE AND HOUSEHOLD EQUIP.-	8.1	9.4	7.2	9.3	10.2	10.8	11.2	11.1	9.1	7.9	6.6
8	CEDO$	I	OTHER DURABLE GOODS----------	15.5	12.9	10.0	10.8	10.2	9.6	8.7	8.9	7.8	7.2	6.6
9														
10	CEN$	I	NONDURABLE GOODS----------	9.4	9.2	8.1	9.6	9.2	8.9	8.3	8.2	7.4	6.8	6.2
11	CENF$	I	FOOD AND BEVERAGES----------	9.6	7.8	6.8	9.1	9.0	8.8	8.3	8.0	7.2	6.6	6.0
12	CENC$	I	CLOTHING AND SHOES----------	8.1	9.6	8.6	9.9	9.5	9.1	8.4	8.1	7.1	6.5	6.0
13	CENG$	I	GASOLINE AND OIL----------	8.4	12.4	10.9	10.2	8.2	7.1	5.8	5.2	5.0	4.7	4.1
14	CENO+H$	I	OTHER NONDURABLE GOODS---------	10.1	10.6	9.4	10.4	10.0	10.0	9.3	9.7	8.8	8.1	7.3
15														
16	CES$	I	SERVICES----------	12.3	10.8	10.1	11.7	11.5	11.2	10.5	10.1	9.1	8.6	8.0
17	CESH$	I	HOUSING----------	12.2	11.4	9.6	10.2	11.1	10.9	10.1	9.4	8.5	7.8	7.3
18	CESS$	I	HOUSEHOLD OPERATION SERVICES---	12.6	10.1	9.1	10.6	9.9	9.8	9.4	9.1	8.1	7.5	7.0
19	CEST$	I	TRANSPORTATION SERVICES--------	19.3	12.4	9.9	11.9	11.7	11.4	10.5	9.9	9.3	8.8	7.9
20	CESO$	I	OTHER SERVICES----------	11.0	10.3	10.9	13.1	12.3	11.8	11.1	10.9	9.9	9.3	8.9
21														
22			-------CONSTANT 72 DOLLARS-------											
23														
24	CE	I	PERSONAL CONSUMPTION EXPENDITURES	3.6	2.5	2.5	3.9	3.7	3.5	3.2	3.6	3.1	3.1	2.8
25														
26	CED	I	DURABLE GOODS----------	4.0	1.0	3.4	6.1	5.8	4.8	4.0	5.6	3.8	3.6	2.7
27	CEDA	I	AUTOS AND PARTS----------	1.8	-4.8	2.7	9.4	7.3	4.0	1.4	4.6	1.8	2.1	1.0
28	CEDF	B	FURNITURE AND HOUSEHOLD EQUIP.-	4.1	4.4	3.1	3.5	4.8	5.8	6.6	7.0	5.6	4.8	3.8
29	CEDO	B	OTHER DURABLE GOODS----------	10.3	7.8	5.5	4.8	4.5	4.3	3.7	4.5	4.0	3.8	3.7
30														
31	CEN	I	NONDURABLE GOODS----------	2.3	2.6	2.2	3.4	2.9	2.8	2.4	2.7	2.5	2.5	2.4
32	CENF	B	FOOD AND BEVERAGES----------	-0.0	-0.1	-0.3	3.1	2.7	2.4	2.2	2.1	2.0	2.0	2.0
33	CENC	B	CLOTHING AND SHOES----------	5.1	5.9	5.1	4.3	3.9	3.7	3.5	3.8	3.5	3.4	3.4
34	CENG	B	GASOLINE AND OIL----------	4.8	5.3	4.3	2.3	0.7	-0.0	-0.8	-0.9	-0.6	-0.6	-0.9
35	CENO+H	B	OTHER NONDURABLE GOODS---------	4.3	4.4	3.8	3.4	3.2	3.5	3.1	4.0	3.7	3.5	3.1
36														
37	CES	I	SERVICES----------	4.7	2.9	2.4	3.5	3.6	3.6	3.4	3.6	3.3	3.3	3.2
38	CESH	B	HOUSING----------	4.4	2.9	1.3	2.4	3.3	3.5	3.4	3.3	3.2	3.2	3.1
39	CESS	B	HOUSEHOLD OPERATION SERVICES---	5.4	3.0	2.5	3.7	4.2	4.4	4.2	4.3	3.9	3.7	3.6
40	CEST	B	TRANSPORTATION SERVICES--------	10.9	4.8	2.7	3.9	3.8	3.6	3.1	3.1	3.0	2.9	2.6
41	CESO	B	OTHER SERVICES----------	3.5	2.5	3.3	4.3	3.5	3.4	3.3	3.6	3.3	3.3	3.3

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TABLE 3.30 AUTOMOBILE CONSUMPTION

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			AUTOMOBILES (MILLION VEHICLES)											
2														
3	SAMRRDAV	B	RETAIL SALES----------	11.321	10.79	10.91	12.31	13.04	13.29	13.27	13.66	13.56	13.53	13.32
4	KSAMRRDAV	B	STOCK IN USE (END OF YEAR)--------	103.101	105.00	106.87	110.01	112.79	115.42	117.86	120.29	122.52	124.73	126.65
5	NMRA	B	NEW REGISTRATIONS----------	11.021	10.51	10.62	11.96	12.66	12.89	12.88	13.25	13.15	13.12	12.92
6	DISAV	I	ACTUAL SCRAPPAGE----------	8.901	8.60	8.74	8.82	9.87	10.26	10.44	10.82	10.92	10.91	11.00
7	DISAVEXP	I	EXPECTED SCRAPPAGE----------	8.991	9.19	9.37	9.54	9.74	9.89	9.94	10.04	10.23	10.52	10.81
8	NAVRAGE	I	AVERAGE AGE OF THE STOCK (YEARS)--	5.441	5.47	5.48	5.43	5.37	5.31	5.29	5.27	5.28	5.31	5.36
9														
10			PERSONAL CONSUMPTION EXPENDITURES											
11			(BILLION 1972 $)											
12														
13	CEDA	I	AUTOS AND PARTS----------	61.11	58.1	59.7	65.3	70.1	72.9	73.9	77.3	78.7	80.3	81.1
14	CEDAVN	B	NEW CARS----------	36.11	32.8	33.0	37.0	40.1	41.7	42.0	44.1	44.6	45.2	45.2
15	CEDAVR+T	B	RECREATIONAL VEH & TRUCKS--------	8.41	8.5	9.5	10.7	11.6	12.2	12.3	12.9	13.1	13.4	13.4
16	CEDAVU	B	NET USED CARS----------	8.81	8.7	8.7	8.6	8.8	9.1	9.3	9.6	9.9	10.3	10.6
17	CEDAP	B	TIRES, TUBES & PARTS----------	7.81	8.1	8.4	9.1	9.6	9.9	10.2	10.6	11.0	11.5	11.9
18														
19			PERSONAL CONSUMPTION EXPENDITURES											
20			(BILLION CURRENT $)											
21														
22	CEDA$	I	AUTOS AND PARTS----------	89.11	92.0	101.2	116.9	131.2	143.4	153.1	167.8	179.0	191.0	201.3
23	CEDAVN$	I	NEW CARS----------	50.11	48.8	51.9	61.6	69.5	75.5	79.5	86.9	91.3	96.2	99.6
24	CEDAVR+T$	I	RECREATIONAL VEH & TRUCKS--------	11.61	12.7	15.2	18.2	21.1	23.5	25.3	28.3	30.3	32.4	34.1
25	CEDAVU$	I	NET USED CARS----------	17.01	18.9	21.2	22.2	23.9	26.0	28.1	30.8	33.6	36.5	39.5
26	CEDAP$	I	TIRES, TUBES & PARTS----------	10.41	11.6	13.0	14.9	16.7	18.3	20.1	21.9	23.9	25.9	28.0
27														
28			NEW CAR OPERATING COSTS											
29			(DOLLARS PER MILE)											
30														
31	UCCEDAOC$	I	TOTAL----------	0.2181	0.232	0.245	0.260	0.275	0.290	0.307	0.326	0.344	0.363	0.381
32	UCCEDAOCC$	I	CAPITALIZED PURCHASE COST--------	0.0851	0.093	0.100	0.107	0.115	0.122	0.129	0.137	0.145	0.153	0.161
33	UCCEDAOCG$	I	GASOLINE----------	0.0461	0.046	0.046	0.045	0.044	0.044	0.045	0.047	0.049	0.051	0.053
34	UCCEDAOCO$	I	OTHER----------	0.0871	0.094	0.100	0.108	0.116	0.124	0.133	0.142	0.150	0.159	0.167
35														
36			NUMBER OF PERSONS (MILLIONS)											
37	NPTLD	B	LICENSED DRIVERS----------	141.21	144.3	147.2	149.9	152.5	154.9	157.2	159.4	161.8	164.1	166.2
38	NPTNDA	E	NONAUTO COMMUTERS----------	14.41	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4
39														
40			FUEL CONSUMPTION											
41	CENG	B	CONSUMPTION, GASOLINE AND OIL-----	27.91	29.4	30.6	31.3	31.5	31.5	31.3	31.0	30.8	30.7	30.4
42	MPV	B	ANNUAL MILES DRIVEN PER CAR (THOU)	10.551	10.73	10.92	11.05	11.29	11.56	11.79	12.02	12.25	12.46	12.58
43	MPG	I	MILES PER GALLON NEW CAR AVE---------	14.251	15.14	16.24	17.79	19.34	20.88	21.64	22.04	22.24	22.44	22.65
44	MPGC	E	NEW CARS, CITY DRIVING----------	11.291	12.01	12.90	14.16	15.42	16.68	17.32	17.68	17.86	18.04	18.22
45	MPGH	E	NEW CARS, HIGHWAY DRIVING--------	20.951	22.22	23.78	25.92	28.05	30.15	31.11	31.52	31.75	31.99	32.23
46	MPGAVG	I	AVERAGE, ALL CARS----------	12.811	13.05	13.39	13.87	14.52	15.32	16.20	17.11	18.00	18.85	19.64
47														
48	PUCEDAVH	I	UNIT NEW PRICE, NEW CARS (1972 $)-	4.6681	4.703	4.781	4.839	4.966	5.091	5.152	5.270	5.383	5.494	5.592
49	CEDAVR+T/V	E	RATIO, CEDAVR+T TO CEDAV----------	23.161	25.85	28.86	28.96	29.06	29.16	29.26	29.36	29.46	29.56	29.66
50	RACEDAVN	E	RATIO, CEDAVN TO TOTAL CARS SOLD--	0.6830	0.6470	0.6332	0.6204	0.6184	0.6164	0.6144	0.6124	0.6104	0.6084	0.6064
51	RACEGAUTO	E	RATIO, CEGC TO CEGAUTO----------	0.3285	0.3361	0.3442	0.3462	0.3482	0.3502	0.3522	0.3542	0.3562	0.3582	0.3602

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TABLE 3.40 AUTOMOBILE CONSUMPTION, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			AUTOMOBILES (MILLION VEHICLES)											
2														
3	SAWRRDAV	B	RETAIL SALES----------	1.41	-4.6	1.1	12.8	6.0	1.9	-0.1	2.9	-0.7	-0.3	-1.6
4	KSAWRRDAV	B	STOCK IN USE (END OF YEAR)-------	2.11	1.8	1.8	2.9	2.5	2.3	2.1	2.1	1.9	1.8	1.5
5	NNRA	B	NEW REGISTRATIONS----------	1.41	-4.6	1.0	12.6	5.9	1.8	-0.1	2.9	-0.7	-0.3	-1.5
6	DISAV	I	ACTUAL SCRAPPAGE----------	1.71	-3.4	1.6	0.9	11.9	3.9	1.7	3.6	0.9	-0.1	0.8
7	DISAVEXP	I	EXPECTED SCRAPPAGE----------	2.71	2.3	1.9	1.8	2.0	1.5	0.6	0.9	2.0	2.8	2.8
8	NAVRAGE	I	AVERAGE AGE OF THE STOCK (YEARS)-	-0.21	0.4	0.3	-0.9	-1.2	-1.0	-0.5	-0.3	0.2	0.5	0.9
9														
10			PERSONAL CONSUMPTION EXPENDITURES											
11			(BILLION 1972 $)											
12														
13	CEDA	I	AUTOS AND PARTS----------	1.81	-4.8	2.7	9.4	7.3	4.0	1.4	4.6	1.8	2.1	1.0
14	CEDAVN	B	NEW CARS----------	0.31	-9.1	0.6	11.9	8.4	4.1	0.8	5.0	1.1	1.5	-0.1
15	CEDAVR+T	B	RECREATIONAL VEH & TRUCKS-------	4.61	1.4	12.3	12.3	8.8	4.5	1.1	5.3	1.4	1.8	0.2
16	CEDAVU	B	NET USED CARS----------	3.01	-0.2	0.2	-1.8	3.0	3.2	2.2	3.3	3.2	3.1	3.5
17	CEDAP	B	TIRES, TUBES & PARTS----------	2.91	3.1	4.3	8.0	5.2	3.5	3.5	3.6	3.9	3.9	3.9
18														
19			PERSONAL CONSUMPTION EXPENDITURES											
20			(BILLION CURRENT $)											
21														
22	CEDAS	I	AUTOS AND PARTS----------	9.41	3.2	10.0	15.5	12.3	9.3	6.7	9.6	6.7	6.7	5.3
23	CEDAVNS	I	NEW CARS----------	8.41	-2.7	6.3	18.7	12.9	8.6	5.3	9.2	5.1	5.3	3.6
24	CEDAVR+TS	I	RECREATIONAL VEH & TRUCKS-------	13.61	9.2	19.6	19.8	16.1	11.4	7.7	11.5	7.1	7.1	5.1
25	CEDAVUS	I	NET USED CARS----------	9.41	11.6	11.8	4.7	7.9	8.9	8.0	9.4	9.1	8.8	8.2
26	CEDAPS	I	TIRES, TUBES & PARTS----------	9.51	11.6	11.9	15.1	11.7	9.8	9.6	9.2	8.9	8.5	8.2
27														
28			NEW CAR OPERATING COSTS											
29			(DOLLARS PER MILE)											
30														
31	UCCEDAOCS	I	TOTAL----------	6.81	6.4	5.6	5.8	5.9	5.7	5.8	6.0	5.7	5.4	5.1
32	UCCEDAOCCS	I	CAPITALIZED PURCHASE COST-------	11.71	8.7	7.3	7.5	7.2	6.4	5.5	6.1	5.9	5.6	5.5
33	UCCEDAOCGS	I	GASOLINE----------	-2.41	0.4	-0.9	-1.6	-1.2	-0.9	2.8	4.1	4.6	4.2	3.9
34	UCCEDAOCOS	I	OTHER----------	7.61	7.3	7.0	7.6	7.5	7.4	7.1	6.5	6.0	5.6	5.1
35														
36			NUMBER OF PERSONS (MILLIONS)											
37														
38	NPTLD	B	LICENSED DRIVERS----------	2.41	2.2	2.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.2
39	NPTWHA	E	HOUSHLD COMPUTERS----------	-0.71	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
40														
41			FUEL CONSUMPTION											
42														
43	CENG	B	CONSUMPTION, GASOLINE AND OIL----	4.81	5.3	4.3	2.3	0.7	-0.0	-0.8	-0.9	-0.6	-0.6	-0.9
44	MPV	B	ANNUAL MILES DRIVEN BY ONE CAR---	1.91	1.7	1.7	1.3	2.2	2.4	2.0	1.9	2.0	1.7	1.0
45	MPG	I	MILES PER GAL: NEW CAR AVE-------	6.21	6.3	7.3	9.5	8.7	8.0	3.6	1.8	0.9	0.9	0.9
46	MPGC	E	NEW CARS, CITY DRIVING----------	6.21	6.4	7.4	9.8	8.9	8.2	3.8	2.1	1.0	1.0	1.0
47	MPGH	F	NEW CARS, HIGHWAY DRIVING-------	6.01	6.1	7.0	9.0	8.2	7.5	3.2	1.3	0.7	0.7	0.7
48	MPGAVG	I	AVERAGE, ALL CARS----------	1.21	1.9	2.6	3.6	4.7	5.5	5.8	5.6	5.2	4.7	4.2
49														
50	PUCEDAVH	I	UNIT PUR PRICE, NEW CARS (1972 $)	2.71	0.7	1.7	1.2	2.6	2.5	1.2	2.3	2.1	2.1	1.8

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TABLE 4.10 FIXED INVESTMENT (CURRENT $)

LINE	VAR LABEL	I T E M	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IBFS	I FIXED INVESTMENT	328.74	350.73	378.09	446.40	527.24	596.72	659.22	745.61	809.20	872.18	931.41
2													
3	IBFDS	I NONRESIDENTIAL INVESTMENT	222.39	247.44	269.77	317.31	370.65	420.49	466.36	518.36	560.05	611.28	666.84
4													
5	IA+AGS	I NONRESIDENTIAL INVEST EXCL IHA-	166.18	186.82	210.20	249.09	292.57	334.17	372.66	414.20	450.04	492.72	539.15
6													
7	IAAGS	I FARM	13.91	15.95	16.39	20.77	25.79	31.18	36.37	40.20	43.49	46.94	50.63
8	IAMGS	I MINING	4.77	5.49	6.44	8.00	9.77	11.17	12.15	13.45	14.91	17.23	19.61
9	IAMFS	I TOTAL MANUFACTURING	67.46	76.37	85.57	100.48	117.33	132.59	146.24	161.76	175.16	190.52	206.41
10													
11	IAMFDS	I DURABLE GOODS	31.44	36.73	41.89	49.54	57.60	64.16	69.91	77.51	84.22	91.19	97.97
12													
13	IAMFD24$	I LUMBER	1.41	1.62	1.75	2.09	2.54	3.03	3.40	3.83	4.21	4.68	5.21
14	IAMFD25$	I FURNITURE	0.29	0.32	0.36	0.44	0.50	0.54	0.60	0.67	0.71	0.78	0.85
15	IAMFD32$	I STONE, CLAY AND GLASS	2.23	2.45	2.86	3.32	4.26	4.98	5.38	5.73	6.05	6.57	7.27
16	IAMFD33$	I PRIMARY METALS	6.41	7.53	8.65	10.33	11.74	13.02	14.16	15.65	16.85	17.77	18.56
17	IAMFD34$	I FABRICATED METAL PRODUCTS	2.56	2.90	3.15	3.75	4.29	4.83	5.31	5.76	6.11	6.46	6.97
18	IAMFD35$	I NONELECTRICAL MACHINERY	6.67	7.85	8.90	10.42	12.25	13.84	15.18	16.92	18.45	20.15	21.86
19	IAMFD36$	I ELECTRICAL MACHINERY	3.53	4.27	4.80	5.86	6.97	7.84	8.55	9.33	10.15	11.17	12.23
20	IAMFD371$	I MOTOR VEHICLES	4.69	5.66	6.70	7.72	8.40	8.48	8.95	10.30	11.52	12.42	12.80
21	IAMFD37SP2$	I NONAUTO TRANS EQ + ORD + MISC	2.32	2.65	2.99	3.58	4.24	4.83	5.32	5.89	6.39	7.06	7.78
22	IAMFD38$	I INSTRUMENTS	1.33	1.48	1.71	2.02	2.41	2.76	3.05	3.43	3.78	4.13	4.45
23													
24	IAMFNS	I NONDURABLE GOODS	36.02	39.64	43.68	50.94	59.73	68.43	76.32	84.24	90.93	99.33	108.44
25													
26	IAMFN20$	I FOOD AND BEVERAGES	4.73	5.11	5.68	6.54	7.11	7.66	8.47	9.69	10.87	12.24	13.90
27	IAMFN21$	I TOBACCO	0.26	0.29	0.31	0.35	0.40	0.45	0.51	0.56	0.63	0.69	0.76
28	IAMFN22$	I TEXTILES	1.02	1.12	1.28	1.55	1.88	2.17	2.38	2.62	2.80	2.98	3.14
29	IAMFN23$	I APPAREL	0.40	0.43	0.50	0.59	0.70	0.80	0.90	1.03	1.13	1.25	1.38
30	IAMFN26$	I PAPER	3.87	4.66	5.28	6.10	7.22	8.39	9.44	10.42	11.51	12.73	14.03
31	IAMFN27$	I PRINTING AND PUBLISHING	1.11	1.19	1.36	1.57	1.82	2.08	2.34	2.65	2.93	3.26	3.63
32	IAMFN28$	I CHEMICALS	7.47	8.32	9.54	11.41	13.46	15.84	18.10	20.08	21.80	24.40	26.80
33	IAMFN29$	I PETROLEUM	15.33	16.46	17.38	20.01	23.58	26.93	29.59	31.98	33.44	35.33	37.78
34	IAMFN30$	I RUBBER	1.65	1.87	2.13	2.53	3.27	3.78	4.22	4.80	5.40	6.00	6.55
35	IAMFN31$	I LEATHER	0.17	0.19	0.22	0.27	0.30	0.34	0.37	0.40	0.43	0.45	0.47
36													
37	IARGTS	I TRANSPORTATION	8.32	8.67	9.33	10.94	12.06	13.04	14.35	16.12	17.85	20.20	22.85
38													
39	IARGU49$	I UTILITIES	28.94	32.62	37.28	43.29	50.19	57.21	63.78	70.99	76.95	84.14	92.62
40													
41	IARGC48$	I COMMUNICATIONS	17.74	20.18	23.89	28.79	34.05	39.25	43.87	48.65	52.85	58.23	64.42
42													
43	IACOS	I COMMERCIAL AND OTHER	81.25	88.16	90.87	105.04	121.46	136.05	149.61	167.19	178.85	194.03	210.30
44	IACMS	I COMMERCIAL	25.04	27.54	31.29	36.82	43.38	49.73	55.91	63.03	68.83	75.47	82.61
45	IBAS	I CONCEPTUAL DIFF, BEA VS BIA	56.21	60.62	59.57	68.22	78.07	86.32	93.71	104.16	110.01	118.56	127.68
46													
47	IBFRS	I RESIDENTIAL STRUCTURES	106.35	103.29	108.32	129.09	156.59	176.23	192.86	227.26	249.15	260.90	264.57
48													
49	IBFRE$	I NONFARM RESIDENTIAL STRUCTURES	103.14	99.72	104.33	124.68	151.73	170.89	187.01	220.88	242.22	253.39	256.45
50	IBFRF$	I FARM RESIDENTIAL STRUCTURES	1.07	1.78	1.96	2.08	2.19	2.31	2.42	2.54	2.65	2.77	2.89
51	IBFRL$	I RESIDENTIAL DURABLE EQUIP.	1.74	1.79	2.02	2.34	2.67	3.04	3.43	3.84	4.28	4.74	5.23

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TABLE 4.20 FIXED INVESTMENT, GROWTH RATES

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IRFS	FIXED INVESTMENT	16.51	6.7	7.8	18.1	18.1	13.2	10.5	13.1	8.5	7.8	6.8
2													
3	IRFNS	NONRESIDENTIAL INVESTMENT	16.81	11.3	9.0	17.6	16.8	13.4	10.9	11.1	8.0	9.1	9.1
4													
5	IA+AGS	NONRESIDENTIAL INVEST EXCL IRA-	11.91	12.4	12.5	18.5	17.5	14.2	11.5	11.1	8.7	9.5	9.4
6													
7	IAAGS	FARM	9.71	14.7	2.8	26.7	24.1	20.9	16.6	10.5	8.2	7.9	7.9
8	IAMGS	MINING	6.01	15.1	17.3	24.3	22.2	14.3	8.7	10.7	10.9	15.5	13.8
9	IAMFS	TOTAL MANUFACTURING	12.11	13.2	12.0	17.4	16.8	13.0	10.3	10.6	8.3	8.8	8.3
10													
11	IAMFDS	DURABLE GOODS	13.21	16.8	14.0	18.5	16.3	11.4	9.0	10.9	8.7	8.3	7.4
12													
13	IAMFD24S	LUMBER	13.61	15.0	8.3	19.0	21.8	18.9	12.5	12.5	9.9	11.5	11.2
14	IAMFD25S	FURNITURE	11.01	10.7	12.6	23.0	12.0	8.6	11.7	11.1	6.3	9.4	8.9
15	IAMFD32S	STONE, CLAY AND GLASS	11.91	10.0	16.7	16.2	28.1	16.8	8.1	6.5	5.6	8.7	10.6
16	IAMFD33S	PRIMARY METALS	12.81	17.6	14.9	19.3	13.7	11.0	8.7	10.6	7.7	5.5	4.4
17	IAMFD34S	FABRICATED METAL PRODUCTS	12.01	13.2	8.7	18.9	14.3	12.7	10.0	8.5	5.9	5.8	7.9
18	IAMFD35S	NONELECTRICAL MACHINERY	15.81	17.7	13.3	17.1	17.6	13.0	9.7	11.5	9.1	9.2	8.5
19	IAMFD36S	ELECTRICAL MACHINERY	7.71	20.8	12.6	22.0	18.8	12.5	9.1	9.1	8.8	10.0	9.5
20	IAMFD371S	MOTOR VEHICLES	15.51	20.8	18.4	15.2	8.8	0.9	5.5	15.1	11.9	7.7	3.1
21	IAMFD37SP25	NONAUTO TRANS EQ + ORD + MISC	14.71	14.3	12.8	20.1	18.2	13.9	10.2	10.6	8.5	10.4	10.2
22	IAMFD38S	INSTRUMENTS	12.21	10.5	16.0	17.9	19.6	14.6	10.4	12.3	10.3	9.3	7.7
23													
24	IAMFNS	NONDURABLE GOODS	11.21	10.0	10.2	16.6	17.3	14.6	11.5	10.4	7.9	9.2	9.2
25													
26	IAMFN20S	FOOD AND BEVERAGES	13.21	7.9	11.3	15.1	8.7	7.7	10.6	14.4	12.1	12.7	13.5
27	IAMFN21S	TOBACCO	9.71	8.7	8.6	13.9	13.2	12.7	12.2	11.4	10.8	10.2	10.4
28	IAMFN22S	TEXTILES	11.11	9.9	13.8	21.1	21.4	15.2	9.8	10.3	6.7	6.3	5.4
29	IAMFN23S	APPAREL	8.11	7.9	15.2	19.3	17.2	15.0	13.1	13.8	10.0	10.5	10.1
30	IAMFN26S	PAPER	15.21	20.4	13.2	15.6	18.3	16.3	12.5	10.5	10.4	10.6	10.2
31	IAMFN27S	PRINTING AND PUBLISHING	9.61	7.8	14.2	15.8	15.7	14.3	12.5	13.3	10.7	11.2	11.3
32	IAMFN28S	CHEMICALS	9.41	11.4	14.6	19.6	17.9	17.7	14.3	11.0	8.5	11.9	9.8
33	IAMFN29S	PETROLEUM	10.61	7.3	5.6	15.2	17.8	14.2	9.9	8.1	4.6	5.6	6.9
34	IAMFN30S	RUBBER	13.71	13.3	13.9	18.8	29.4	15.4	11.8	13.7	12.6	11.0	9.2
35	IAMFN31S	LEATHER	7.81	11.1	16.9	20.3	9.6	14.1	10.4	8.6	5.4	5.8	5.5
36													
37	IARGTS	TRANSPORTATION	20.01	4.2	7.6	17.2	10.3	8.1	10.1	12.4	10.7	13.2	13.1
38													
39	IARGU49S	UTILITIES	12.21	12.7	14.3	16.1	15.9	14.0	11.5	11.3	8.4	9.3	10.1
40													
41	IARGC48S	COMMUNICATIONS	14.81	13.8	18.4	20.5	18.3	15.3	11.8	10.9	8.6	10.2	10.6
42													
43	IACOS	COMMERCIAL AND OTHER	25.31	8.5	3.1	15.6	15.6	12.0	10.0	11.7	7.0	8.5	8.4
44	IACMS	COMMERCIAL	9.01	10.0	13.6	17.7	17.8	14.6	12.4	12.7	9.2	9.6	9.5
45	IRAS	CONCEPTUAL DIFF, BEA VS DJA	30.21	7.9	-1.7	14.5	14.4	10.6	8.6	11.2	5.6	7.8	7.7
46													
47	IRFRS	RESIDENTIAL STRUCTURES	15.81	-2.9	4.9	19.2	21.3	12.5	9.4	17.8	9.6	4.7	1.4
48													
49	IRFR1S	NONFARM RESIDENTIAL STRUCTURES	16.01	-3.3	4.6	19.5	21.7	12.6	9.4	18.1	9.7	4.6	1.2
50	IRFR2S	FARM RESIDENTIAL STRUCTURES	-1.41	21.1	10.4	5.8	5.6	5.2	5.0	4.8	4.6	4.4	4.5
51	IRFR3S	RESIDENTIAL CONSUMER DURABLES	18.41	2.7	13.1	15.8	14.1	13.7	12.8	12.1	11.4	10.8	10.2

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TABLE 5.10 FIXED INVESTMENT (1972 $)

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	INF		I	FIXED INVESTMENT----------	199.62	196.02	196.89	215.39	236.31	249.39	257.67	273.25	279.55	285.85	290.77
2															
3	INFN		I	NONRESIDENTIAL INVESTMENT-------	140.08	144.52	147.92	161.70	176.09	186.57	193.67	202.46	206.41	213.40	221.06
4															
5	IA+AG		I	NONRESIDENTIAL INVEST EXCL IBA--	104.68	109.11	115.25	126.93	139.00	148.28	154.75	161.78	165.87	172.01	178.73
6															
7	IAAG		B	FARM----------	8.76	9.32	8.99	10.59	12.25	13.84	15.10	15.70	16.03	16.39	16.78
8	IAMG		B	MINING----------	3.00	3.21	3.53	4.08	4.64	4.96	5.05	5.25	5.50	6.02	6.50
9	IAMF		I	TOTAL MANUFACTURING----------	42.49	44.60	46.92	51.20	55.74	58.83	60.73	63.18	64.56	66.51	68.43
10	IAMFD		I	DURABLE GOODS----------	19.80	21.45	22.97	25.25	27.36	28.47	29.03	30.27	31.04	31.84	32.48
11	IAMFD24		B	LUMBER----------	0.89	0.95	0.96	1.06	1.21	1.34	1.41	1.50	1.55	1.63	1.73
12	IAMFD25		B	FURNITURE----------	0.18	0.19	0.20	0.23	0.24	0.24	0.25	0.26	0.26	0.27	0.28
13	IAMFD32		B	STONE, CLAY AND GLASS----------	1.40	1.43	1.57	1.69	2.02	2.21	2.23	2.24	2.23	2.30	2.41
14	IAMFD33		B	PRIMARY METALS ----------	4.03	4.40	4.74	5.26	5.58	5.78	5.88	6.11	6.21	6.20	6.15
15	IAMFD34		B	FABRICATED METAL PRODUCTS-----	1.62	1.70	1.73	1.91	2.04	2.14	2.21	2.25	2.25	2.26	2.31
16	IAMFD35		B	NONELECTRICAL MACHINERY-------	4.20	4.59	4.88	5.31	5.82	6.14	6.30	6.61	6.80	7.03	7.25
17	IAMFD36		B	ELECTRICAL MACHINERY----------	2.23	2.49	2.63	2.99	3.31	3.48	3.55	3.65	3.74	3.90	4.06
18	IAMFD371		B	MOTOR VEHICLES----------	2.95	3.31	3.68	3.94	3.99	3.76	3.72	4.02	4.25	4.33	4.24
19	IAMFD37SP2		B	NONAUTO TRANS EQ + ORD + MISC-	1.46	1.55	1.64	1.83	2.01	2.14	2.21	2.30	2.36	2.46	2.58
20	IAMFD38		B	INSTRUMENTS----------	0.84	0.86	0.94	1.03	1.15	1.23	1.27	1.34	1.39	1.44	1.47
21	IAMFN		I	NONDURABLE GOODS----------	22.69	23.15	23.95	25.96	28.38	30.36	31.69	32.90	33.51	34.68	35.95
22	IAMFN20		B	FOOD AND BEVERAGES----------	2.98	2.98	3.12	3.33	3.38	3.40	3.52	3.79	4.00	4.27	4.61
23	IAMFN21		E	TOBACCO----------	0.17	0.17	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25
24	IAMFN22		B	TEXTILES----------	0.64	0.66	0.70	0.79	0.89	0.96	0.99	1.02	1.03	1.04	1.04
25	IAMFN23		B	APPAREL----------	0.25	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.42	0.44	0.46
26	IAMFN26		B	PAPER----------	2.44	2.72	2.89	3.11	3.43	3.72	3.92	4.07	4.24	4.44	4.65
27	IAMFN27		B	PRINTING AND PUBLISHING-------	0.70	0.70	0.75	0.80	0.86	0.92	0.97	1.03	1.08	1.14	1.20
28	IAMFN28		B	CHEMICALS----------	4.71	4.86	5.23	5.82	6.39	7.03	7.52	7.84	8.03	8.52	8.89
29	IAMFN29		B	PETROLEUM----------	9.66	9.61	9.53	10.20	11.20	11.95	12.29	12.49	12.32	12.53	12.52
30	IAMFN30		B	RUBBER----------	1.04	1.09	1.17	1.29	1.56	1.68	1.75	1.87	1.99	2.09	2.17
31	IAMFN31		B	LEATHER----------	0.11	0.11	0.12	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.16
32															
33	IARGT		B	TRANSPORTATION----------	5.24	5.06	5.12	5.57	5.73	5.78	5.96	6.30	6.58	7.05	7.58
34															
35	IARGU49		B	UTILITIES----------	18.23	19.05	20.44	22.06	23.84	25.38	26.49	27.73	28.36	29.37	30.71
36															
37	IARGC48		B	COMMUNICATIONS----------	11.17	11.78	13.10	14.67	16.17	17.41	18.22	19.00	19.48	20.33	21.35
38															
39	IACO		I	COMMERCIAL AND OTHER----------	51.18	51.49	49.82	53.53	57.70	60.37	62.13	65.30	65.92	67.74	69.72
40	IACM		B	COMMERCIAL----------	15.77	16.08	17.16	18.76	20.61	22.07	23.22	24.62	25.37	26.35	27.39
41	IBA		B	CONCEPTUAL DIFF, BEA VS NIA---	35.40	35.40	32.67	34.77	37.09	38.30	38.91	40.68	40.55	41.39	42.33

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TABLE 5.10 FIXED INVESTMENT (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IRFR	I	RESIDENTIAL STRUCTURES---------	59.51	51.5	49.0	53.7	60.2	62.8	64.0	70.8	73.1	72.4	69.7
2	IRFRU	I	NONFARM-----------------------	57.41	49.3	46.7	51.3	57.8	60.3	61.3	68.0	70.3	69.5	66.6
3	IRFRF	E	FARM--------------------------	0.81	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
4	IRFRE	E	RESIDENTIAL DURABLE EQUIP.----	1.31	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
5	IRFRHXDU-MH	B	ADDITIONS AND ALTERATIONS-----	12.91	13.3	14.1	14.4	14.7	14.3	14.2	14.7	14.4	14.1	13.8
6														
7	HSPR	I	PRIVATE HOUSING STARTS (THOU)-	1982.1	1655.	1521.	1700.	1979.	2049.	2115.	2290.	2433.	2395.	2260.
8	HSPRSI	B	SINGLE UNITS------------------	1390.1	1171.	1149.	1245.	1449.	1462.	1496.	1650.	1697.	1654.	1573.
9	HSPRSM	B	MULTIPLE UNITS----------------	592.1	484.	372.	455.	531.	587.	619.	644.	736.	741.	686.
10	HSPRMH	B	MOBILE HOMES (THOU)-----------	265.1	250.	239.	324.	312.	463.	390.	469.	406.	385.	362.
11														
12			PUBLIC HOUSING STARTS (THOU)											
13	HSPUSI	E	SINGLE UNITS------------------	1.1	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
14	HSPUSM	E	MULTIPLE UNITS----------------	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15														
16	KHU*		TOTAL STOCK OF RES UNITS (MILL)	81.631	82.76	83.71	84.90	86.32	87.93	89.50	91.30	93.15	94.92	96.52
17	KHUI*		SINGLE UNITS------------------	54.341	55.19	56.01	56.93	58.04	59.15	60.30	61.59	62.92	64.20	65.39
18	KHUM*		MULTIPLE UNITS----------------	22.371	22.58	22.68	22.86	23.12	23.44	23.79	24.16	24.62	25.09	25.50
19	KHUMH*		MOBILE HOMES------------------	4.921	4.99	5.02	5.12	5.17	5.35	5.42	5.56	5.61	5.63	5.63
20														
21			DISCARDS FROM STOCKS (THOU)											
22	HDTOSI	I	SINGLE UNITS------------------	318.1	324.	331.	335.	341.	347.	354.	361.	368.	376.	384.
23	HDTOSM	I	MULTIPLE UNITS----------------	268.1	269.	276.	273.	272.	271.	271.	271.	271.	272.	278.
24	HDPRMH	I	MOBILE HOMES------------------	164.1	182.	205.	230.	259.	287.	313.	336.	352.	363.	366.
25														
26			DISCARD RATES (%)											
27	HDRTOSI	E	SINGLE UNITS------------------	0.5951	0.592	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595
28	HDRTOSM	E	MULTIPLE UNITS ----------------	1.2141	1.203	1.221	1.204	1.188	1.171	1.155	1.139	1.123	1.106	1.106
29														
30	NCH/KHU	B	TOTAL OCCUPANCY RATE (%)-------	93.021	93.64	94.44	94.99	95.27	95.32	95.37	95.14	94.81	94.54	94.43
31	HORIV	B	RENTAL HOUSING VACANCY RATE (%)	5.001	4.75	4.24	3.77	3.38	3.32	3.13	2.95	3.22	3.96	4.72
32														
33			RATIO; SINGLE UNITS AND MOBILE											
34	KHUI+MH/KHU	B	HOMES TO TOTAL HOUSING UNITS(%)	72.601	72.71	72.91	73.07	73.22	73.35	73.42	73.54	73.57	73.57	73.58
35														
36			RATIO OF SINGLE UNITS TO SINGLE											
37	KHUI/KHUI+MH	B	UNITS PLUS MOBILE HOMES (%)----	91.701	91.71	91.77	91.75	91.82	91.71	91.75	91.73	91.81	91.94	92.08
38														
39	IRIT	I	CHANGE IN BUS. INVENTORIES----	11.151	6.67	6.18	11.63	16.01	17.23	17.49	19.14	18.91	18.65	18.44
40	IRIF	E	FARM--------------------------	-0.701	-0.12	0.25	0.45	0.02	-0.17	0.05	0.17	0.13	0.10	0.10
41	IRITDAV	I	AUTO-DEALER-------------------	-0.101	0.14	0.04	0.36	0.35	0.72	0.84	0.82	0.60	0.54	0.60
42	IRINNM	B	NONFARM NONMANUFACTURING------	6.511	2.97	3.23	6.09	7.99	8.02	7.65	8.68	8.76	8.67	8.80
43	IRINMF	I	MANUFACTURING-----------------	5.451	3.70	2.66	4.73	7.65	8.66	8.91	9.47	9.42	9.33	8.94
44	IRIN	I	NONFARM-----------------------	11.851	6.80	5.93	11.18	15.99	17.40	17.40	18.97	18.78	18.55	18.34

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TABLE 5.20 FIXED INVESTMENT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	IRF	I	FIXED INVESTMENT	6.51	-1.8	0.4	9.4	9.7	5.5	3.3	6.0	2.3	2.3	1.7
2														
3	IRFN	I	NONRESIDENTIAL INVESTMENT	7.91	3.2	2.4	9.3	8.9	6.0	3.8	4.5	2.0	3.4	3.6
4														
5	IA+AG	I	NONRESIDENTIAL INVEST EXCL IRA-	2.61	4.2	5.6	10.1	9.5	6.7	4.4	4.5	2.5	3.7	3.9
6														
7	IAAG	B	FARM	-7.61	6.3	-3.5	17.8	15.7	12.9	9.2	4.0	2.1	2.2	2.4
8	IAMG	B	MINING	-2.11	6.7	10.1	15.5	13.9	6.8	1.8	4.1	4.6	9.4	8.0
9	IAMF	I	TOTAL MANUFACTURING	3.61	5.0	5.2	9.1	8.9	5.5	3.2	4.0	2.2	3.0	2.9
10	IAMFD	I	DURABLE GOODS	4.61	8.3	7.1	9.9	8.4	4.0	2.0	4.3	2.5	2.6	2.0
11	IAMFD24	B	LUMBER	5.01	6.6	1.7	10.6	13.6	11.1	5.3	5.8	3.7	5.5	5.6
12	IAMFD25	B	FURNITURE	2.61	2.6	5.7	14.3	4.4	1.4	4.6	4.5	0.3	3.7	3.4
13	IAMFD32	B	STONE, CLAY AND GLASS	3.41	2.0	9.6	8.0	19.5	9.1	1.2	0.1	-0.3	2.9	5.0
14	IAMFD33	B	PRIMARY METALS	4.21	9.0	7.9	10.9	6.0	3.6	1.8	4.0	1.6	-0.1	-0.9
15	IAMFD34	B	FABRICATED METAL PRODUCTS	3.51	5.0	2.0	10.5	6.5	5.3	2.9	2.0	-0.0	0.3	2.4
16	IAMFD36	B	ELECTRICAL MACHINERY	-0.51	12.0	5.7	13.4	10.8	5.1	2.1	2.7	2.7	4.2	4.0
17	IAMFD35	B	NONELECTRICAL MACHINERY	7.01	9.2	6.4	8.8	9.6	5.5	2.6	4.8	2.9	3.4	3.0
18	IAMFD371	B	MOTOR VEHICLES	6.71	12.0	11.2	7.1	1.4	-5.7	-1.3	8.3	5.5	2.1	-2.1
19	IAMFD379P2	B	NONAUTO TRANS EQ + ORD + MISC	5.91	6.0	5.9	11.6	10.2	6.4	3.1	4.1	2.4	4.6	4.7
20	IAMFD38	B	INSTRUMENTS	3.61	2.5	8.9	9.6	11.5	7.0	3.3	5.6	4.1	3.6	2.2
21	IAMFN	I	NONDURABLE GOODS	2.81	2.0	3.4	8.4	9.3	7.0	4.4	3.8	1.9	3.5	3.7
22	IAMFN20	B	FOOD AND BEVERAGES	4.61	0.0	4.5	7.0	1.3	0.6	3.5	7.6	5.8	6.7	7.8
23	IAMFN21	E	TOBACCO	1.41	0.8	2.0	5.9	5.5	5.2	5.0	4.7	4.5	4.3	4.8
24	IAMFN22	B	TEXTILES	2.71	1.9	6.8	12.6	13.2	7.6	2.7	3.7	0.7	0.7	0.1
25	IAMFN23	B	APPAREL	-0.11	0.0	8.2	10.9	9.3	7.4	5.8	7.1	3.8	4.6	4.6
26	IAMFN26	B	PAPER	6.51	11.7	6.3	7.4	10.3	8.6	5.2	3.9	4.2	4.8	4.6
27	IAMFN27	B	PRINTING AND PUBLISHING	1.21	-0.1	7.2	7.3	7.9	6.8	5.3	6.6	4.4	5.3	5.6
28	IAMFN28	B	CHEMICALS	1.11	3.3	7.6	11.2	9.9	9.9	6.9	4.4	2.4	6.0	4.3
29	IAMFN29	B	PETROLEUM	2.21	-0.5	-0.9	7.0	9.9	6.6	2.9	1.6	-1.3	0.1	1.5
30	IAMFN30	B	RUBBER	5.11	5.1	7.0	10.4	20.6	7.8	4.6	6.9	6.2	5.1	3.7
31	IAMFN31	B	LEATHER	-0.41	3.0	9.7	11.8	2.1	6.6	3.3	2.1	-0.5	0.2	0.2
32														
33	IARGT	B	TRANSPORTATION	10.91	-3.4	1.0	9.0	2.8	0.9	3.0	5.7	4.5	7.2	7.4
34	IARGU49	B	UTILITIES	3.61	4.5	7.3	7.9	8.1	6.5	4.3	4.7	2.3	3.6	4.5
35	IARGC48	B	COMMUNICATIONS	6.11	5.5	11.2	12.0	10.2	7.7	4.6	4.3	2.5	4.4	5.1
36	IACO	I	COMMERCIAL AND OTHER	15.81	0.6	-3.2	7.4	7.8	4.6	2.9	5.1	0.9	2.8	2.9
37	IACM	B	COMMERCIAL	0.71	1.9	6.7	9.3	9.9	7.1	5.2	6.0	3.0	3.8	4.0
38	IRA	B	CONCEPTUAL DIFF, BEA VS NIA	27.61	-0.0	-7.7	6.4	6.7	3.3	1.6	4.5	-0.3	2.1	2.3
39														
40	IRFR	I	RESIDENTIAL STRUCTURES	3.21	-13.5	-4.9	9.6	12.2	4.3	1.9	10.6	3.3	-1.0	-3.8
41	IRFRN	I	NONFARM	3.21	-14.1	-5.3	9.9	12.5	4.3	1.8	10.9	3.3	-1.1	-4.1
42	IRFRF	E	FARM	-9.21	8.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	IRFRE	E	RESIDENTIAL DURABLE EQUIP.	9.71	-2.4	7.7	7.2	6.7	6.3	5.9	5.6	5.3	5.0	4.8
44	IRFRXNE-MH	B	ADDITIONS AND ALTERATIONS	-6.61	2.8	5.7	2.6	1.7	-2.3	-1.1	3.9	-2.4	-2.3	-1.7
45														
46	HSPR	I	PRIVATE HOUSING STARTS	-0.21	-16.5	-8.1	11.8	16.4	3.5	3.2	8.5	6.1	-1.6	-5.6
47	HSPRS1	B	SINGLE UNIT	-4.21	-15.7	-1.9	8.4	16.4	0.9	2.3	10.3	2.8	-2.5	-4.9
48	HSPRS*	B	MULTIPLE UNIT	10.51	-18.3	-23.1	22.3	16.6	10.7	5.5	4.0	14.4	0.6	-7.4
49	HSPRF	I	PRIV NONFARM HOUSING STARTS	0.31	-16.7	-8.2	11.9	16.6	3.6	3.3	8.5	6.1	-1.6	-5.7
50	HSPRF	E	PRIV FARM HOUSING STARTS	-33.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	HSPRM	B	MOBILE UNITS	-4.21	-5.8	-4.5	36.0	-3.9	48.6	-15.8	20.2	-13.4	-5.2	-6.1

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TABLE 6.10 IMPORTS AND IMPORT DEFLATORS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)-----											
2	TMBS	I	TOTAL GOODS AND SERVICES-------	216.3	246.9	272.8	313.5	355.0	394.7	435.4	484.9	532.7	586.4	640.8
3	TMBGTEDOBS	I	MERCHANDISE TOTAL, BOP BASIS--	175.8	196.5	216.2	248.8	282.4	315.1	348.6	390.4	429.7	473.4	519.0
4	TMBCS	E	MERCH. DIFF BETWEEN CEN & BOP	-3.4	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
5	TMCGTS	I	MERCHANDISE, TOTAL------------	172.4	192.6	212.3	244.9	278.5	311.3	344.8	386.5	425.8	469.6	515.1
6	TMCGT0+1S	B	FOOD AND BEVERAGES-----------	15.4	15.6	16.6	19.1	19.8	21.3	23.7	26.9	30.1	33.1	36.2
7	TMCGT2+4S	B	CRUDE MATERIALS EXPECT FUELS-	9.7	10.2	11.2	12.9	15.2	16.9	18.6	20.5	22.2	25.9	26.1
8	TMCGT3S	I	FUELS------------------------	43.2	51.0	59.0	68.8	77.8	86.9	96.4	106.2	116.8	128.1	140.3
9	TMCGT5.9S	I	MANUFACTURED GOODS-----------	104.1	115.8	125.6	144.0	165.7	186.2	206.1	232.9	256.7	284.5	312.6
10	TMCGT5.9-UGT3S	B	MFG GOODS EXC AUTOS & PARTS-	82.8	93.4	101.2	116.2	134.7	152.6	170.6	194.3	215.8	241.2	267.4
11	TMUGT3S	I	AUTOS AND PARTS--------------	21.3	22.3	24.3	27.9	31.0	33.6	35.6	38.7	40.9	43.3	45.2
12	TMUGT3NS	I	NONCANADIAN-----------------	10.7	11.0	12.0	13.7	15.1	16.2	17.0	18.3	19.1	20.0	20.7
13	TMUGT3CS	I	CANADIAN--------------------	10.5	11.4	12.3	14.2	16.0	17.4	18.6	20.4	21.8	23.2	24.5
14	TMBSS	I	SERVICES, TOTAL--------------	45.4	54.1	58.0	66.1	74.1	80.9	88.2	95.9	104.4	114.4	123.2
15	TMBSIFS	B	PAYMENTS ON FOREIGN ASSETS---	21.2	25.7	25.8	30.7	34.8	37.8	40.9	43.9	47.3	51.9	55.2
16	TMBSIFRS	E	REINVESTED EARNINGS---------	2.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
17	TMBSTVS	B	TRAVEL-----------------------	8.3	9.5	10.6	11.5	12.9	14.1	15.5	17.1	18.8	20.5	22.2
18	TMBSTRPS	B	TRANSPO PASSENGER FARES------	3.3	4.0	4.5	5.0	5.4	5.8	6.3	6.9	7.5	8.2	8.9
19	TMBSTROS	B	TRANSPORTATION, OTHER--------	8.0	9.7	11.3	12.6	14.0	15.6	17.2	19.0	21.0	23.1	25.3
20	TMBSOTS	E	OTHER------------------------	4.7	5.2	5.8	6.4	7.0	7.6	8.3	9.0	9.8	10.7	11.7
21	TMBDES	E	TRANSFER UNDER MILITARY AGENCY	6.6	7.2	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
22	TMBAS	E	DIFF BETWEEN BOP & NIA-------	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
23	YINTGFPFS	E	INT PAID BY GOVT TO FOREIGNERS	8.5	7.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
24	TBBCARS	I	BAL. ON CURRENT ACCOUNT------	-16.7	-0.3	5.6	-2.3	-9.0	-9.2	-11.2	-9.6	0.1	4.6	9.0
25														
26			-----CONSTANT 1972 DOLLARS-----											
27	TMB	I	TOTAL GOODS AND SERVICES-------	98.6	104.3	107.2	115.8	124.0	131.2	138.2	147.1	154.7	163.4	170.8
28	TMBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	69.1	70.4	71.3	76.2	81.1	85.5	89.5	95.3	99.5	104.3	108.7
29	TMCGT	I	MERCHANDISE, TOTAL -----------	67.8	69.0	70.0	75.0	80.0	84.4	88.5	94.3	98.6	103.5	107.9
30	TMCGT0+1	I	FOOD AND BEVERAGES-----------	7.5	7.4	7.4	7.9	7.6	7.6	7.9	8.5	8.9	9.2	9.5
31	TMCGT2+4	I	CRUDE MATERIALS EXPECT FUELS-	2.5	2.4	2.5	2.7	3.0	3.1	3.2	3.3	3.4	3.5	3.6
32	TMCGT3	I	FUELS------------------------	9.2	10.1	10.9	12.0	12.8	13.6	14.3	15.0	15.7	16.4	17.2
33	TMCGT5.9	I	MANUFACTURED GOODS-----------	48.6	49.1	49.1	52.4	56.6	60.1	63.1	67.5	70.6	74.3	77.6
34	TMBS	I	SERVICES, TOTAL--------------	32.3	35.6	36.2	39.9	43.1	46.0	49.0	52.1	55.4	59.3	62.4
35	TMBDE	I	TRANSFER UNDER MILITARY AGENCY	4.7	4.7	4.9	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
36														
37			-----DEFLATORS (1972=100)------											
38	PTMB	I	TOTAL GOODS AND SERVICES-------	219.4	236.9	254.6	270.8	286.4	300.8	315.0	329.6	344.4	358.9	375.1
39	PTMCGT	I	MERCHANDISE, TOTAL -----------	254.3	279.0	303.4	326.4	348.1	368.8	389.5	409.7	431.7	453.9	477.6
40	PTMFGTF	I	FOOD AND BEVERAGES-----------	204.8	210.5	223.2	241.5	260.1	279.1	298.2	318.0	338.2	358.3	379.3
41	PTMFGTFC	F	CRUDE FOODS-----------------	290.1	293.4	309.5	335.0	360.9	387.9	415.3	442.7	471.0	499.3	529.0
42	PTMFGTFM	E	MANUFACTURED FOODS----------	148.1	155.5	165.8	179.5	193.2	206.9	220.6	235.3	250.0	264.7	280.0
43	PTMFGTCM	F	CRUDE MATERIALS ------------	393.0	419.0	445.2	477.7	511.0	542.9	579.0	615.6	652.0	688.5	727.0
44	PTMFGT3	I	FUELS------------------------	470.8	506.5	538.8	574.9	608.4	641.1	673.2	706.8	742.0	778.8	817.5
45	PTMFGT5	I	MANUFACTURED GOODS-----------	214.0	235.7	255.8	274.7	292.6	309.7	326.9	344.9	363.7	382.9	403.0
46	PTMFGTMS	E	MANUFACTURED GOODS, SEMIFIN-	270.7	301.6	338.7	372.6	402.4	426.5	450.0	474.3	499.4	525.4	552.2
47	PTMFGTMF	E	MANUFACTURED GOODS, FINISHED	196.2	215.1	229.8	244.0	258.3	273.1	288.3	304.4	321.2	338.2	356.2
48	PTMS+DE	F	SERVICES & DEFENSE ----------	140.4	151.9	160.3	165.9	171.7	175.8	179.9	184.1	188.5	192.9	197.4
49														
50			----------ADDENDUM----------											
51	TMBS+OTH	I	IMPT SERVICES & OTHER (1972 $)-	36.8	35.2	37.2	40.7	43.9	46.8	49.7	52.8	56.0	59.9	63.0
52	TMBS+OTHS	I	IMPT SERVICES & OTHER (CURR $)-	45.9	54.3	60.5	68.6	76.5	85.4	90.6	98.4	106.9	116.9	125.7

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TABLE 6.20 IMPORTS & IMPORT DEFLATORS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)-----											
2	TMB$	I	TOTAL GOODS AND SERVICES-------	15,91	14,2	10,5	14,9	13,2	11,2	10,3	11,4	9,8	10,1	9,3
3	TMBGTEDOD$	I	MERCHANDISE TOTAL, BOP BASIS--	15,91	11,8	10,0	15,1	13,5	11,6	10,6	12,0	10,1	10,2	9,6
4	TMBC$	E	MERCH. DIFF BETWEEN CEN & BOP	-10,61	13,4	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
5	TMCGT$	I	MERCHANDISE, TOTAL------------	16,61	11,7	10,2	15,3	13,7	11,8	10,8	12,1	10,2	10,3	9,7
6	TMCGT0+1$	B	FOOD AND BEVERAGES------------	9,01	1,7	6,4	15,2	3,6	7,4	11,1	13,7	11,7	10,1	9,3
7	TMCGT2+4$	B	CRUDE MATERIALS EXPECT FUELS-	18,01	4,9	9,2	15,6	17,9	11,2	9,9	10,1	8,7	7,3	9,4
8	TMCGT3$	I	FUELS------------------------	-2,21	18,0	15,6	16,7	13,0	11,7	10,9	10,2	9,9	9,7	9,5
9	TMCGT5,9$	I	MANUFACTURED GOODS------------	28,01	11,2	8,5	14,7	15,1	12,3	10,7	13,0	10,2	10,8	9,9
10	TMCGT5,9-UGT3$	B	MFG GOODS EXC AUTOS & PARTS-	32,21	12,8	8,3	14,8	15,9	13,3	11,8	13,9	11,1	11,8	10,9
11	TMUGT3$	I	AUTOS AND PARTS--------------	13,91	5,0	9,0	14,5	11,4	8,4	5,8	8,7	5,7	5,8	4,4
12	TMUGT3N$	I	NONCANADIAN------------------	12,71	2,0	9,8	13,5	10,4	7,4	4,8	7,7	4,7	4,7	3,3
13	TMUGT3C$	I	CANADIAN----------------------	15,11	8,1	8,2	15,5	12,3	9,3	6,7	9,6	6,7	6,7	5,3
14	TMBS$	I	SERVICES, TOTAL---------------	25,01	19,1	7,3	13,9	12,0	9,3	8,9	8,8	8,9	9,6	7,7
15	TMBSIF$	B	PAYMENTS ON FOREIGN ASSETS---	45,51	21,1	0,3	18,9	13,5	8,7	8,1	7,3	7,7	9,8	6,3
16	TMBSIFR$	E	REINVESTED EARNINGS----------	38,41	19,5	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
17	TMBSTV$	B	TRAVEL------------------------	11,01	14,9	11,7	8,1	12,1	9,5	10,0	10,2	9,9	9,1	8,4
18	TMBSTRP$	B	TRANSPO PASSENGER FARES------	15,01	21,3	13,9	10,2	8,4	7,9	8,0	8,9	9,5	8,9	8,4
19	TMBSTRO$	B	TRANSPORTATION, OTHER--------	9,71	21,3	16,8	11,9	10,9	11,1	10,3	10,8	10,2	10,2	9,3
20	TMBSOT$	E	OTHER------------------------	11,41	12,2	11,5	9,6	9,0	9,0	9,0	9,0	9,0	9,0	9,0
21	TMBDE$	E	TRANSFER UNDER MILITARY AGENCY	14,41	8,9	10,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
22														
23			-----CONSTANT 1972 DOLLARS-----											
24	TMB	I	TOTAL GOODS AND SERVICES-------	11,11	5,8	2,8	8,0	7,1	5,9	5,4	6,4	5,1	5,6	4,6
25	TMBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	9,81	1,9	1,2	7,0	6,4	5,3	4,7	6,4	4,4	4,8	4,2
26	TMCGT	I	MERCHANDISE, TOTAL------------	10,51	1,8	1,4	7,2	6,6	5,5	4,9	6,6	4,5	4,9	4,3
27	TMCGT0+1	I	FOOD AND BEVERAGES------------	8,71	-1,1	0,4	6,4	-3,8	0,0	3,9	6,7	5,1	4,0	3,2
28	TMCGT2+4	I	CRUDE MATERIALS EXPECT FUELS-	14,71	-1,6	2,8	7,7	10,2	4,7	3,1	3,5	2,6	1,6	3,6
29	TMCGT3	I	FUELS------------------------	-6,01	9,7	8,7	9,4	6,8	6,0	5,7	5,0	4,7	4,5	4,3
30	TMCGT5,9	I	MANUFACTURED GOODS------------	14,31	1,0	-0,0	6,8	8,0	6,2	4,9	7,1	4,5	5,3	4,4
31	TMBS	I	SERVICES, TOTAL---------------	20,81	10,1	1,6	10,1	8,2	6,8	6,4	6,3	6,4	7,1	5,2
32	TMBDE	I	TRANSFER UNDER MILITARY AGENCY	10,61	0,7	4,2	-3,4	-3,4	-2,3	-2,3	-2,3	-2,3	-2,3	-2,3
33														
34			-----DEFLATORS (1972=100)------											
35	PTMB	I	TOTAL GOODS AND SERVICES-------	4,31	7,9	7,5	6,4	5,8	5,0	4,7	4,7	4,5	4,2	4,5
36	PTMCGT	I	MERCHANDISE, TOTAL------------	5,51	9,7	8,7	7,6	6,6	5,9	5,6	5,2	5,4	5,1	5,2
37	PTMFGTF	I	FOOD AND BEVERAGES------------	0,21	2,8	6,0	8,2	7,7	7,3	6,9	6,6	6,3	5,9	5,9
38	PTMFGTFC	E	CRUDE FOODS------------------	-2,71	1,1	5,5	8,2	7,7	7,5	7,0	6,6	6,4	6,0	5,9
39	PTMFGTFM	E	MANUFACTURED FOODS-----------	4,31	5,0	6,6	8,3	7,6	7,1	6,6	6,7	6,2	5,9	5,8
40	PTMFGTCM	E	CRUDE MATERIALS --------------	2,91	6,6	6,3	7,3	7,0	6,2	6,6	6,3	5,9	5,6	5,6
41	PTMCGT3	I	FUELS------------------------	4,11	7,6	6,4	6,7	5,8	5,4	5,0	5,0	5,0	5,0	5,0
42	PTMFGTM	I	MANUFACTURED GOODS------------	12,01	10,2	8,5	7,4	6,5	5,8	5,5	5,5	5,4	5,3	5,2
43	PTMFGTMS	F	MANUFACTURED GOODS, SEMIFIN-	8,01	11,4	12,3	10,0	8,0	6,0	5,5	5,4	5,3	5,2	5,1
44	PTMFGTMF	F	MANUFACTURED GOODS, FINISHED	13,71	9,6	6,8	6,2	5,8	5,8	5,6	5,6	5,5	5,3	5,3
45	PTMBS+DE	E	SERVICES & DEFENSE------------	3,41	8,2	5,6	3,5	3,5	2,3	2,3	2,3	2,3	2,3	2,3
46														
47			----------ADDENDUM------------											
48	TMBS+OTH	I	IMPT SERVICES & OTHER (1972 $)-	12,61	14,5	5,5	9,6	7,9	6,5	6,2	6,1	6,2	6,9	5,1
49	TMBS+OTH$	I	IMPT SERVICES & OTHER (CURR $)-	13,21	23,8	11,3	13,4	11,5	9,0	8,7	8,5	8,6	9,4	7,5

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TABLE 7.00 IMPORTS; FUELS DETAIL

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			COAL, COKE, ETC.											
2														
3	TMQGT32	E	MILLION TONS	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
4	TMQGT32	E	% CHANGE	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5														
6	PUTMCGT32V	E	UNIT PRICE, $/TON	53.45	56.39	59.50	62.77	66.22	69.87	73.71	77.76	82.04	86.55	91.31
7	PUTMCGT32V	E	% CHANGE	8.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
8														
9	TMCGT32$	I	VALUE, BILL CURRENT $	0.25	0.27	0.28	0.30	0.31	0.33	0.35	0.37	0.39	0.41	0.43
10	TMCGT32$	I	% CHANGE	10.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
11														
12	PTMCGT32	I	UNIT VALUE INDEX, 1972=100	180.4	190.4	200.9	211.9	223.6	235.8	248.8	262.5	276.9	292.2	308.2
13	PTMCGT32	I	% CHANGE	8.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
14														
15	TMCGT32	I	VALUE, BILL 72$	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
16	TMCGT32	I	% CHANGE	1.3	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17														
18			CRUDE PETROLEUM											
19														
20	TMQGT331	E	MILL BARRELS	2204.7	2455.0	2660.0	2899.4	3131.4	3350.6	3568.5	3768.3	3968.1	4166.5	4366.5
21	TMQGT331	E	% CHANGE	-8.0	11.4	8.4	9.0	8.0	7.0	6.5	5.6	5.3	5.0	4.8
22														
23	PUTMCGT331	E	UNIT PRICE, $/BARREL	14.55	15.71	16.65	17.73	18.80	19.83	20.82	21.86	22.96	24.10	25.31
24	PUTMCGT331	E	% CHANGE	3.9	8.0	6.0	6.5	6.0	5.5	5.0	5.0	5.0	5.0	5.0
25														
26	TMCGT331$	I	VALUE, BILL CURRENT $	32.08	38.57	44.29	51.41	58.87	66.44	74.30	82.38	91.09	100.43	110.51
27	TMCGT331$	I	% CHANGE	-4.5	20.2	14.8	16.1	14.5	12.9	11.8	10.9	10.6	10.3	10.0
28														
29	PTMCGT331	I	UNIT VALUE INDEX, 1972=100	452.7	488.8	518.0	551.6	584.9	617.0	647.8	680.2	714.2	749.9	787.4
30	PTMCGT331	I	% CHANGE	3.9	8.0	6.0	6.5	6.0	5.5	5.0	5.0	5.0	5.0	5.0
31														
32	TMCGT331	I	VALUE, BILL 72$	7.09	7.89	8.55	9.32	10.06	10.77	11.47	12.11	12.75	13.39	14.03
33	TMCGT331	I	% CHANGE	-8.0	11.4	8.4	9.0	8.0	7.0	6.5	5.6	5.3	5.0	4.8
34														
35			REFINED RESIDUAL FUEL & OIL											
36														
37	TMQGT3324	E	MILL BARRELS	511.0	531.0	550.0	580.2	609.9	639.6	669.8	699.8	729.8	759.8	789.8
38	TMQGT3324	E	% CHANGE	3.7	3.9	3.6	5.5	5.1	4.9	4.7	4.5	4.3	4.1	3.9
39														
40	PUTMCGT3324	E	UNIT PRICE, $/BARREL	10.60	11.24	11.85	12.47	13.12	13.81	14.54	15.30	16.11	16.96	17.85
41	PUTMCGT3324	E	% CHANGE	0.2	6.0	5.4	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3
42														
43	TMCGT3324$	I	VALUE, BILL CURRENT $	5.42	5.97	6.52	7.23	8.00	8.83	9.74	10.71	11.76	12.88	14.10
44	TMCGT3324$	I	% CHANGE	3.9	10.2	9.2	11.0	10.6	10.4	10.2	10.0	9.8	9.6	9.4
45														
46	PTMCGT3324	I	UNIT VALUE INDEX, 1972=100	583.1	618.3	651.8	685.8	721.7	759.5	799.5	841.6	886.0	932.7	981.8
47	PTMCGT3324	I	% CHANGE	0.2	6.0	5.4	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3
48														
49	TMCGT3324	I	VALUE, BILL 72$	0.93	0.97	1.00	1.05	1.11	1.16	1.22	1.27	1.33	1.38	1.44
50	TMCGT3324	I	% CHANGE	3.7	3.9	3.6	5.5	5.1	4.9	4.7	4.5	4.3	4.1	3.9

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TABLE 7.09 IMPORTS) FUELS DETAIL

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1														
2			OTHER REFINED PRODUCTS											
3														
4	TMQGT30T	E	MILL BARRELS	502.01	514.0	525.0	531.5	538.1	544.9	551.8	558.8	566.0	573.3	580.8
5	TMQGT30T	E	% CHANGE	0.1	4.0	3.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
6														
7	PUTMCGT30T	E	UNIT PRICE, $/BARREL	8.99	9.53	10.05	10.60	11.19	11.80	12.45	13.13	13.86	14.62	15.42
8	PUTMCGT30T	E	% CHANGE	2.9	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
9														
10	TMCGT30T$	I	VALUE, BILL CURRENT $	2.71	2.99	3.27	3.51	3.78	4.07	4.38	4.71	5.07	5.46	5.87
11	TMCGT30T$	I	% CHANGE	3.1	10.2	9.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
12														
13	PTMCGT30T	I	UNIT VALUE INDEX, 1972=100	483.6	512.6	540.6	570.3	601.7	634.8	669.7	706.6	745.4	786.4	829.7
14	PTMCGT30T	I	% CHANGE	3.0	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
15														
16	TMCGT30T	I	VALUE, BILL 72$	0.56	0.58	0.60	0.62	0.63	0.64	0.65	0.67	0.68	0.69	0.71
17	TMCGT30T	I	% CHANGE	0.1	4.0	3.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18														
19			NATURAL GAS											
20														
21	TMQGT34	E	BILL CUBIC FEET	1000.0	1050.0	1400.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0
22	TMQGT34	E	% CHANGE	-0.9	5.0	33.3	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23														
24	PUTMCGT34	E	UNIT PRICE, CTS/THOU CUBIC FEET	277.1	306.2	330.7	354.3	377.9	401.5	425.1	448.7	472.3	495.9	520.7
25	PUTMCGT34	E	% CHANGE	10.0	10.5	8.0	7.1	6.7	6.2	5.9	5.6	5.3	5.0	5.0
26														
27	TMCGT34$	I	VALUE, BILL CURRENT $	2.77	3.22	4.63	6.38	6.80	7.23	7.65	8.08	8.50	8.93	9.37
28	TMCGT34$	I	% CHANGE	9.0	16.0	44.0	37.7	6.7	6.2	5.9	5.6	5.3	5.0	5.0
29														
30	PTMCGT34	I	UNIT VALUE INDEX, 1972=100	592.2	654.4	706.8	757.2	807.7	858.1	908.6	959.0	1009.4	1059.9	1112.9
31	PTMCGT34	I	% CHANGE	10.0	10.5	8.0	7.1	6.7	6.2	5.9	5.6	5.3	5.0	5.0
32														
33	TMCGT34	I	VALUE, BILL 72$	0.47	0.49	0.66	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
34	TMCGT34	I	% CHANGE	-0.2	5.0	33.3	28.6	0.0	-0.0	0.0	0.0	-0.0	0.0	-0.0

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TABLE 8.10 EXPORTS AND EXPORT DEFLATORS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)----											
2	TEB$	I	TOTAL GOODS AND SERVICES------	206.41	253.0	283.3	316.1	350.9	390.3	429.0	480.2	537.6	595.9	654.7
3	TEBGTEDOD$	I	MERCHANDISE TOTAL, BOP BASIS--	142.11	176.3	196.7	220.2	245.0	275.7	305.5	344.8	386.8	430.1	473.9
4	TEBC$	E	DIFF BETWEEN CENSUS & BOP----	-0.61	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
5	TECGD$	I	MERCHANDISE TOTAL------------	141.61	175.9	196.3	219.8	244.6	275.3	305.1	344.4	386.4	429.7	473.5
6	TECGD0+1$	B	FOOD & BEVERAGES-------------	21.61	24.2	26.8	29.9	32.3	34.9	38.2	42.0	45.9	50.4	56.4
7	TECGDPL480$	E	AGRIC EXP UNDER PL 480------	0.61	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
8	TECGD2+4$	B	CRUDE MATERIALS EXCEPT FUELS-	16.91	19.5	19.9	21.7	23.6	26.4	29.3	32.5	35.6	38.6	41.5
9	TECGD3$	I	FUELS------------------------	3.61	3.9	3.9	4.4	4.8	5.5	6.2	7.0	7.8	8.7	9.6
10	TECGD5.9$	I	MANUFACTURED GOODS-----------	99.51	128.2	145.6	163.9	183.9	208.6	231.4	262.9	297.1	332.0	366.0
11	TECGD5.9-3-220$	B	NONAUTO NONAIRCRAFT MF GOODS	78.91	104.4	119.1	135.5	153.3	174.2	195.5	223.4	253.9	285.2	315.5
12	TEUGT3$	E	AUTOS & PARTS, END-USE------	14.81	17.2	19.3	20.9	22.7	24.6	26.7	29.1	31.4	33.7	36.1
13	TEUGT220$	E	CIV AIRCRAFT & PARTS,END-USE	5.81	6.6	7.1	7.5	7.9	9.7	9.2	10.5	11.8	13.1	14.4
14	TEBS$	I	SERVICES TOTAL---------------	66.01	77.2	86.2	95.1	104.9	113.3	121.9	133.5	148.6	165.3	178.0
15	TEBSIF$	B	RECEIPTS ON US INVEST ABROAD-	39.71	47.7	53.9	59.3	64.7	68.4	72.0	77.9	87.1	95.5	103.4
16	TEBSIER$	E	REINVESTED EARNINGS---------	8.81	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
17	TEBSTV$	B	TRAVEL-----------------------	7.11	8.1	9.0	9.7	10.9	11.8	12.9	14.1	15.5	17.1	18.8
18	TEBSTRP$	B	TRANSPO, PASSENGER FARES-----	1.51	1.6	1.9	2.1	2.5	2.9	3.3	3.8	4.3	4.9	5.5
19	TEBSTRO$	B	TRANSPORTATION, OTHER--------	7.71	9.1	10.0	11.2	12.5	14.0	15.6	17.4	19.3	21.4	23.5
20	TEBSOT$	E	OTHER------------------------	10.01	10.6	11.4	12.8	14.4	16.2	18.2	20.3	22.4	24.5	26.7
21	TEBDE$	E	TRANSFER UNDER US MIL AGENCY--	8.21	9.0	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3
22	TEBA$	E	DIFF BETWEEN BOP & NIA--------	-1.21	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
23														
24			----CONSTANT 1972 DOLLARS-----											
25	TEB	I	TOTAL GOODS AND SERVICES------	108.31	125.3	133.5	140.1	146.3	152.9	158.6	168.1	179.1	190.0	200.4
26	TEBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	73.51	83.1	86.1	90.7	94.9	100.4	104.8	111.8	119.2	126.5	133.6
27	TECGD	I	MERCHANDISE TOTAL------------	73.31	82.9	85.9	90.5	94.7	100.2	104.6	111.7	119.0	126.4	133.5
28	TECGD0+1	I	FOOD & BEVERAGES-------------	11.51	12.9	14.1	14.9	15.2	15.5	16.0	16.6	17.3	18.4	19.9
29	TECGD2+4	I	CRUDE MATERIALS EXCEPT FUELS-	7.51	7.7	7.1	7.2	7.2	7.5	7.8	8.0	8.3	8.6	8.8
30	TECGD3	E	FUELS------------------------	1.51	1.4	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
31	TECGD5.9	I	MANUFACTURED GOODS-----------	52.81	60.9	63.5	67.2	71.0	75.8	79.4	85.4	91.7	97.7	102.8
32	TEBS	I	SERVICES TOTAL---------------	35.01	41.9	46.6	48.5	50.5	51.5	52.7	55.0	58.7	62.1	65.5
33	TEBDE	I	TRANSFER UNDER US MIL AGENCY--	4.41	4.9	5.4	5.2	5.0	4.9	4.8	4.7	4.6	4.6	4.5
34														
35			-----DEFLATORS (1972=100)-----											
36	PTEB	I	TOTAL GOODS AND SERVICES------	190.61	201.9	212.3	225.6	239.9	255.2	270.5	285.7	300.1	313.7	326.6
37	PTECGD	I	MERCHANDISE TOTAL------------	193.31	212.2	228.5	242.8	258.2	274.6	291.6	308.3	324.6	340.0	354.7
38	PTEEGDF	B	FOODS------------------------	188.41	187.1	190.8	200.1	212.0	225.1	238.4	252.5	264.7	274.0	282.9
39	PTEEGDCM	B	CRUDE MATERIALS--------------	225.71	254.3	282.6	302.4	325.8	351.2	376.9	404.0	429.2	451.0	470.9
40	PTOFFUEL	B	FUELS------------------------	259.11	273.2	306.7	338.5	371.0	394.7	417.6	439.4	461.7	484.4	507.6
41	PTEFGDM	B	MANUFACTURED GOODS-----------	188.41	210.7	229.3	244.1	259.2	275.0	291.6	307.8	323.9	340.0	355.9
42	PTEBS+DE	I	SERVICES & DEFENSE-----------	188.41	184.0	184.9	196.1	207.9	219.9	231.4	242.5	253.2	262.8	271.9
43														
44			----------ADDENDUM----------											
45	ZWAPCET	I	CPI ETD AVE IN 7 COUNTRIES----	162.31	174.7	188.9	199.6	215.7	229.6	244.5	260.4	277.3	295.2	314.4
46	REXDA	I	EX RATE; 7 COUNTRY ETD AVE----	110.51	112.0	111.5	111.5	111.5	111.5	111.6	111.6	111.6	111.6	111.6
47	ZWAIP7	I	IDD PROD; 7 COUNTRY ETD AVE---	127.51	134.6	141.7	148.0	154.5	161.4	168.5	175.9	183.7	191.8	200.3
48	PTIMS	E	WORLD TRADE, PRICE INDEX------	225.71	242.6	259.3	278.2	297.3	316.3	336.6	358.2	380.6	404.1	428.3
49	TEBS+OTH	I	EXPT SERVICES & OTHER (1972 $)	35.01	42.4	47.6	49.6	51.6	52.7	54.0	56.4	60.1	63.6	67.0
50	TEBS+OTH$	I	EXPT SERVICES & OTHER (CURR $)	66.81	77.1	87.0	96.2	106.3	115.0	123.9	135.8	151.2	166.2	181.2
51	PTEBS+OTH	B	EXP SERVICES & OTHER-------	185.11	181.7	182.9	194.2	206.1	218.1	229.7	240.9	251.7	261.4	270.6

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TABLE 8.20 EXPORTS AND EXPORT DEFLATORS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			----CURRENT DOLLARS (BILL)----											
2	TEB$	I	TOTAL GOODS AND SERVICES------	17.61	22.6	12.0	11.6	11.0	11.2	9.9	11.9	12.0	10.9	9.9
3	TEBGTEDOD$	I	MERCHANDISE TOTAL, BOP BASIS--	17.91	24.0	11.6	12.0	11.2	12.5	10.8	12.9	12.2	11.2	10.2
4	TEBC$	E	DIFF BETWEEN CENSUS & BOP----	-78.31	-29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	TECGD$	I	MERCHANDISE TOTAL------------	20.01	24.2	11.6	12.0	11.3	12.6	10.8	12.9	12.2	11.2	10.2
6	TECGDO+1$	B	FOOD & BEVERAGES-------------	35.71	11.7	11.1	11.2	8.1	8.2	9.3	10.1	9.3	9.9	11.8
7	TECGDPL480$	E	AGRIC EXP UNDER PL 480------	-45.71	0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	TECGD2+4$	B	CRUDE MATERIALS EXCEPT FUELS-	19.11	15.8	2.1	8.7	8.9	11.8	11.1	10.8	9.7	8.4	7.6
9	TECGD3$	I	FUELS-----------------------	-14.71	10.8	-0.9	11.3	9.6	14.7	13.4	12.3	11.7	11.1	10.6
10	TECGD5.9$	I	MANUFACTURED GOODS-----------	18.91	28.9	13.5	12.6	12.2	13.4	11.0	13.6	13.0	11.7	10.2
11	TECGD5.9-3-2203	B	NONAUTO NONAIRCRAFT MF GOODS	19.71	32.4	14.1	13.7	13.2	13.6	12.2	14.3	13.7	12.3	10.6
12	TEUGT3$	E	AUTOS & PARTS, END-USE------	22.31	16.1	12.1	8.3	8.4	8.5	8.6	8.7	8.0	7.4	6.9
13	TEUGT220$	E	CIV AIRCRAFT & PARTS,END-USE	2.11	14.1	7.5	5.6	5.3	22.7	-5.1	14.1	12.4	11.0	9.9
14	TEBS$	I	SERVICES TOTAL---------------	18.81	17.0	11.7	10.4	10.3	7.9	7.6	9.5	11.3	9.9	9.0
15	TEBSIF$	B	RECEIPTS ON US INVEST ABROAD-	23.71	20.2	12.9	10.0	9.1	5.8	5.2	8.2	11.8	9.7	8.3
16	TEBSIFR$	E	REINVESTED EARNINGS---------	20.01	-3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	TEBSTV$	B	TRAVEL----------------------	16.01	13.8	11.2	7.3	11.9	8.4	9.4	9.6	9.8	10.1	10.3
18	TEBSTRP$	B	TRANSPO, PASSENGER FARES-----	7.91	10.6	14.9	14.0	16.4	15.9	14.4	14.1	13.8	13.7	13.6
19	TEBSTRO$	B	TRANSPORTATION, OTHER--------	10.01	18.4	10.3	11.9	11.5	12.2	11.2	11.5	10.9	10.9	9.8
20	TEBSOT$	E	OTHER-----------------------	11.61	6.3	7.5	12.5	12.3	12.3	12.3	12.0	10.2	9.1	9.1
21	TEBDE$	E	TRANSFER UNDER US MIL AGENCY--	15.81	10.1	10.0	2.7	2.9	2.9	2.8	2.7	2.6	2.6	2.5
22														
23			----CONSTANT 1972 DOLLARS-----											
24	TEB	I	TOTAL GOODS AND SERVICES------	10.21	15.8	6.5	5.0	4.4	4.5	3.7	6.0	6.6	6.1	5.5
25	TEBGTEDOD	I	MERCHANDISE TOTAL, BOP BASIS--	8.71	13.0	3.6	5.4	4.6	5.8	4.4	6.7	6.6	6.2	5.6
26	TECGD	I	MERCHANDISE TOTAL------------	10.71	13.2	3.6	5.4	4.6	5.8	4.4	6.8	6.6	6.2	5.6
27	TECGD0+1	I	FOOD & BEVERAGES-------------	26.31	12.5	8.9	6.1	2.0	1.9	3.2	3.9	4.2	6.1	8.3
28	TECGD2+4	I	CRUDE MATERIALS EXCEPT FUELS-	17.31	2.8	-8.1	1.6	1.1	3.7	3.5	3.4	3.3	3.1	3.0
29	TECGD3	E	FUELS-----------------------	-23.01	-3.0	-11.8	0.9	0.0	7.8	7.2	6.7	6.3	5.9	5.6
30	TECGD5.9	I	MANUFACTURED GOODS-----------	8.21	15.3	4.3	5.8	5.7	6.9	4.6	7.7	7.4	6.5	5.3
31	TEBS	I	SERVICES TOTAL---------------	14.21	19.8	11.2	4.1	4.0	2.1	2.3	4.4	6.6	5.9	5.3
32	TEBDE	I	TRANSFER UNDER US MIL AGENCY--	11.41	12.8	9.5	-3.1	-2.9	-2.7	-2.3	-2.0	-1.7	-1.2	-0.9
33														
34			-----DEFLATORS (1972=100)-----											
35	PTEB	I	TOTAL GOODS AND SERVICES------	6.71	5.9	5.1	6.3	6.3	6.4	6.0	5.6	5.0	4.5	4.1
36	PTECGD	I	MERCHANDISE TOTAL------------	8.51	9.8	7.7	6.3	6.4	6.4	6.2	5.7	5.3	4.7	4.3
37	PTEEGDF	B	FOODS-----------------------	7.41	-0.7	2.0	4.9	6.0	6.2	5.9	5.9	4.8	3.5	3.2
38	PTEEGDCM	B	CRUDE MATERIALS--------------	1.61	12.6	11.2	7.0	7.7	7.8	7.3	7.2	6.2	5.1	4.4
39	PTDEFUEL	B	FUELS-----------------------	10.81	14.2	12.3	10.4	9.6	6.4	5.8	5.2	5.1	4.9	4.8
40	PTEFGDM	B	MANUFACTURED GOODS-----------	9.91	11.8	8.8	6.5	6.2	6.1	6.0	5.5	5.3	5.0	4.7
41	PTEBS+DE	I	SERVICES & DEFENSE-----------	4.01	-2.4	0.5	6.0	6.0	5.7	5.2	4.8	4.4	3.8	3.5
42														
43			----------ADDENDUM----------											
44	ZWAPCET	I	CPI; STD AVE IN 7 COUNTRIES----	12.81	7.6	8.2	5.6	8.1	6.5	6.5	6.5	6.5	6.5	6.5
45	REXWA	I	EX RATE; 7 COUNTRY STD AVE----	9.51	1.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	ZWAIP7	I	IND PROD; 7 COUNTRY STD AVE---	5.61	5.6	5.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
47	PTIMW	E	WORLD TRADE, PRICE INDEX-----	8.51	7.5	6.9	7.3	6.8	6.4	6.4	6.4	6.3	6.2	6.0
48	TEBS+DEF	I	EXP; SERVICES & OTHER (1972 $)	9.41	21.2	12.2	4.2	4.1	2.2	2.4	4.5	6.6	5.9	5.3
49	TEBS+DTHS	I	EXP; SERVICES & OTHER (CURR $)	12.71	18.9	12.9	10.6	10.5	8.1	7.8	9.6	11.3	10.0	9.0
50	PTEBS+DTH	B	EXP DEFL; SERVICES & OTHER----	3.01	-1.8	0.7	6.2	6.1	5.8	5.3	4.9	4.5	3.9	3.5

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TABLE 9.00 IP INDICES, CONSUMER AND WHOLESALE PRICE INDICES (1967=100)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			CONSUMER PRICE INDICES											
2														
3	PC	B	ALL ITEMS	195.31	211.4	227.1	243.6	260.9	279.0	297.1	315.1	332.1	348.3	363.7
4	PC	B	% CHANGE	7.61	8.2	7.5	7.2	7.1	6.9	6.5	6.0	5.4	4.9	4.4
5														
6	PCCF	B	FOOD	211.21	225.8	242.3	255.7	271.2	288.2	305.6	323.8	340.6	355.6	369.2
7	PCCF	B	% CHANGE	9.91	6.9	7.3	5.5	6.1	6.3	6.1	5.9	5.2	4.4	3.8
8	PCS	B	SERVICES	210.91	230.5	250.2	267.1	285.2	304.9	325.0	344.9	365.0	385.4	405.3
9	PCS	B	% CHANGE	8.51	9.3	8.6	6.7	6.8	6.9	6.6	6.1	5.8	5.6	5.2
10	PCSR	B	RENT	164.01	176.7	189.9	200.6	213.3	227.9	243.4	260.5	279.4	297.2	312.0
11	PCSR	B	% CHANGE	6.81	7.7	7.5	5.6	6.4	6.8	6.8	7.0	7.3	6.4	5.0
12														
13			WHOLESALE PRICE INDICES											
14														
15	PW	B	ALL COMMODITIES	208.91	222.1	236.6	249.7	264.1	278.1	292.2	307.2	321.6	334.8	347.6
16	PW	B	% CHANGE	7.61	6.3	6.5	5.5	5.8	5.3	5.1	5.1	4.7	4.1	3.8
17														
18	PWDMF	B	TOTAL MANUFACTURES, BY DURABILITY	203.91	217.4	229.2	243.4	257.9	273.0	289.2	305.6	321.4	336.2	350.6
19	PWDMF	B	% CHANGE	7.21	6.6	5.5	6.2	5.9	5.9	5.9	5.7	5.2	4.6	4.3
20	PWPF	B	FINISHED GOODS, BY PROC. STAGE	194.61	208.7	222.5	234.4	247.1	260.2	273.3	286.8	300.1	312.5	324.6
21	PWPF	B	% CHANGE	7.71	7.3	6.6	5.3	5.5	5.2	5.0	5.0	4.6	4.2	3.9
22	PWPFC	B	FIN GOODS BY P. S., CONSUMERS	192.61	206.0	219.1	230.3	242.4	254.5	266.7	279.5	291.9	303.4	314.5
23	PWPFC	B	% CHANGE	7.61	7.0	6.3	5.1	5.3	5.0	4.8	4.8	4.4	4.0	3.6
24	PWPFP	B	FIN GOODS BY P. S., PRODUCERS	199.21	215.4	231.7	247.3	262.4	277.8	293.6	309.4	325.2	340.5	355.6
25	PWPFP	B	% CHANGE	7.91	8.2	7.5	6.7	6.1	5.9	5.7	5.4	5.1	4.7	4.4
26	PWPC	B	CRUDE MATERIALS, BY PROC. STAGE	239.41	252.0	269.5	285.2	305.4	326.6	348.7	373.6	396.1	414.1	429.8
27	PWPC	B	% CHANGE	11.71	5.2	6.9	5.8	7.1	7.0	6.8	7.1	6.0	4.6	3.8
28	PWPI	B	INTERMEDIATE MAT., BY PROC. STAGE	214.81	227.2	242.0	255.1	269.5	282.3	295.4	309.1	322.4	335.0	347.6
29	PWPI	B	% CHANGE	6.51	5.8	6.5	5.4	5.6	4.8	4.6	4.6	4.3	3.9	3.7
30														
31			FRB INDUSTRIAL PRODUCTION INDEX											
32														
33	IP	B	TOTAL	145.01	151.3	155.8	164.1	172.9	180.5	187.0	195.3	202.3	208.9	215.2
34	IP	B	% CHANGE	5.71	4.4	3.0	5.3	5.4	4.4	3.6	4.4	3.6	3.3	3.0
35														
36	IPMF	B	MANUFACTURING	145.41	152.3	157.1	164.8	173.5	180.9	187.1	195.1	201.7	208.0	213.9
37	IPMF	B	% CHANGE	6.11	4.8	3.1	4.9	5.3	4.3	3.4	4.3	3.4	3.1	2.8
38	IPMFD	B	DURABLES	139.11	146.7	151.5	160.5	170.7	178.7	184.7	193.3	199.6	205.3	210.5
39	IPMFD	B	% CHANGE	7.41	5.4	3.3	6.0	6.3	4.7	3.4	4.6	3.3	2.8	2.5
40	IPMFN	B	NONDURABLES	154.51	160.5	165.1	171.0	177.5	184.0	190.5	197.7	204.9	211.9	218.8
41	IPMFN	B	% CHANGE	4.31	3.9	2.9	3.5	3.8	3.7	3.5	3.7	3.6	3.5	3.2
42	IPMG+49	B	MINING AND UTILITIES	141.11	143.5	146.9	158.0	168.7	177.7	185.8	196.5	206.2	215.7	224.9
43	IPMG+49	B	% CHANGE	3.61	1.7	2.4	7.6	6.7	5.4	4.6	5.7	4.9	4.6	4.2
44	IPMG	B	MINING	123.71	124.3	125.3	134.4	142.5	148.8	154.0	161.9	168.3	174.5	180.5
45	IPMG	B	% CHANGE	5.01	0.5	0.8	7.3	6.0	4.4	3.5	5.1	4.0	3.7	3.4
46	IPRG049	B	UTILITIES	160.41	165.0	171.1	184.3	197.8	209.9	221.3	235.1	248.4	261.7	274.9
47	IPRG049	B	% CHANGE	2.51	2.9	3.7	7.7	7.4	6.1	5.4	6.2	5.6	5.4	4.8

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TABLE 10.10 REAL OUTPUT (1972 $)

			ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	[illegible]	I	[illegible]	1384.3	1416.7	1449.2	1514.2	1581.0	1637.7	1685.9	1750.7	1803.6	1855.4	1905.3
2														
3	[illegible]	B	AGRIC, FORESTRY AND FISHERIES	34.9	35.0	35.1	36.9	38.7	40.1	41.2	42.7	44.1	45.5	47.0
4														
5	[illegible]	I	MINING	20.8	21.6	22.3	23.5	24.9	25.9	26.8	28.1	29.1	30.1	31.1
6														
7	XVGMG10	B	METAL MINING	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.7	1.7	1.8
8	XVGMG11+12	B	COAL MINING	3.7	3.8	3.9	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8
9	XVGMG13	B	CRUDE PETROLEUM AND NATURAL GAS	13.3	13.9	14.4	15.1	16.0	16.6	17.2	18.0	18.6	19.3	19.9
10	XVGMG14	B	MINING OF NONMETALLIC MINERALS	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.6
11														
12	XVGMF	I	MANUFACTURING	342.4	356.9	369.5	389.9	411.9	428.4	441.2	460.8	474.8	488.0	500.3
13														
14	XVGMFD	I	DURABLE GOODS	203.4	213.0	221.3	234.9	249.9	260.3	267.8	280.3	288.3	295.7	302.4
15	XVGMFN	I	NONDURABLE GOODS	139.0	143.9	148.2	155.0	162.1	168.1	173.4	180.5	186.5	192.3	197.8
16														
17	XVGRGT	I	TRANSPORTATION	53.1	53.7	53.9	56.4	59.1	61.4	63.2	65.8	67.9	69.8	71.6
18														
19	XVGRGC48	B	COMMUNICATIONS	46.0	48.7	51.6	57.1	58.5	61.9	64.7	68.3	72.1	76.2	81.1
20														
21	XVGRGU49	B	UTILITIES	32.1	32.9	33.9	35.6	37.5	38.9	40.2	41.7	43.2	44.7	45.9
22														
23	XVGCO	I	COMMERCIAL AND OTHER	686.7	697.1	709.0	737.9	769.8	797.1	821.1	852.5	878.2	903.7	927.8
24														
25	XVGCM	I	COMMERCIAL	678.3	687.4	698.1	727.1	759.1	786.3	810.4	841.2	866.1	890.8	914.1
26	XVGCC	B	CONTRACT CONSTRUCTION	57.8	55.5	54.0	56.7	60.1	61.9	62.7	65.0	65.4	65.7	66.0
27	XVGFI	I	FINANCE, INSURANCE & REAL ESTATE	214.5	221.5	225.8	233.0	241.8	250.3	258.4	267.6	275.9	284.3	292.4
28	XVGFI65+6	B	REAL ESTATE & COMBINATIONS OFFICES	161.0	165.3	168.1	172.8	179.1	185.1	191.0	197.5	203.5	209.5	215.3
29	XVGFI-65+6	B	OTHER FINANCE	53.6	56.2	57.6	60.2	62.8	65.2	67.4	70.0	72.4	74.8	77.0
30	XVGSV	B	SERVICES	168.9	167.4	170.7	178.1	185.9	192.9	199.6	207.5	214.6	221.9	229.0
31	XVGWR	I	WHOLESALE AND RETAIL TRADE	237.0	243.2	247.6	259.3	271.2	281.2	289.7	301.1	310.1	318.9	326.8
32	XVGWRR52,9	B	RETAIL TRADE	142.0	145.6	147.6	154.2	161.0	166.9	172.0	178.7	183.9	189.0	193.5
33	XVGWRW50+1	B	WHOLESALE TRADE	95.0	97.6	100.0	105.1	110.2	114.3	117.8	122.4	126.2	129.9	133.3
34	XVGRW	B	REST OF WORLD	8.4	9.6	10.9	10.8	10.8	10.8	10.7	11.2	12.2	12.9	13.7
35														
36	XVGGV	I	GOVERNMENT	168.3	170.9	173.9	176.8	180.6	184.1	187.4	190.8	194.1	197.5	200.5
37														
38	WRCGVG	B	GENERAL GOVERNMENT	149.9	152.9	156.4	158.5	161.4	164.2	166.9	169.6	172.4	175.1	177.9
39	XVGGVFE	B	FEDERAL ENTERPRISES	8.9	8.6	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.8	10.0
40	XVGGVSE	B	STATE AND LOCAL ENTERPRISES	9.6	9.4	9.1	9.7	10.2	10.7	11.2	11.7	12.0	12.4	12.7
41														
42			DUMMY INDUSTRIES											
43														
44	XVGOTTM	B	IMPORTS OF GOODS AND SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	XVGOTIVA	B	INVENTORY VALUATION ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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TABLE 10.10 REAL OUTPUT (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XVGMF	I	MANUFACTURING	342.4	356.9	369.5	389.9	411.9	428.4	441.2	460.8	474.8	488.0	500.3
2														
3	XVGMFD	I	DURABLE GOODS	203.4	213.4	221.3	234.9	249.9	260.3	267.8	280.3	288.3	295.7	302.4
4														
5	XVGMFD24	B	LUMBER	10.0	10.4	11.0	11.7	12.5	13.1	13.5	14.1	14.7	15.3	15.9
6	XVGMFD25	B	FURNITURE	5.2	5.4	5.7	6.0	6.4	6.7	7.0	7.4	7.7	8.0	8.2
7	XVGMFD32	B	STONE, CLAY AND GLASS	10.8	11.3	11.7	12.1	12.7	13.1	13.5	14.1	14.5	14.8	15.2
8	XVGMFD33	B	PRIMARY METALS	20.8	21.8	22.6	23.9	25.3	25.9	26.0	26.8	26.9	26.8	26.8
9	XVGMFD34	B	FABRICATED METAL PRODUCTS	21.0	21.9	22.8	24.0	25.4	26.4	26.9	28.0	28.6	29.1	29.5
10	XVGMFD35	B	NONELECTRICAL MACHINERY	37.6	39.4	41.6	44.7	48.1	50.3	51.9	54.4	55.9	57.3	58.5
11	XVGMFD36	B	ELECTRICAL MACHINERY	32.7	34.9	35.6	37.8	40.2	42.2	43.9	46.2	47.9	49.6	51.3
12	XVGMFD371	B	MOTOR VEHICLES	34.8	35.4	37.0	39.5	42.3	44.2	45.6	48.1	49.6	51.0	52.1
13	XVGMFD38	B	INSTRUMENTS	9.1	9.6	10.0	10.6	11.2	11.7	12.2	12.8	13.2	13.7	14.1
14	XVGMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	21.4	22.8	23.2	24.5	25.8	26.6	27.3	28.4	29.3	30.1	30.8
15	XVGMFD37SP1	B	NONAUTO TRANS EQUIP + ORD	15.9	17.0	17.4	18.4	19.3	19.9	20.3	21.2	21.7	22.3	22.8
16	XVGMFD39	B	MISCELLANEOUS MANUFACTURING	5.4	5.7	5.9	6.1	6.4	6.7	7.0	7.3	7.6	7.8	8.0
17														
18	XVGMFN	I	NONDURABLE GOODS	139.0	143.9	148.2	155.0	162.1	168.1	173.4	180.5	186.5	192.3	197.8
19														
20	XVGMFN20	B	FOOD AND BEVERAGES	32.7	33.5	33.6	34.7	35.8	36.7	37.5	38.4	39.3	40.1	40.9
21	XVGMFN21	B	TOBACCO	4.9	5.0	5.1	5.4	5.6	5.8	6.0	6.3	6.6	6.9	7.1
22	XVGMFN22	B	TEXTILES	10.0	10.4	10.6	11.2	11.8	12.3	12.7	13.3	13.8	14.2	14.6
23	XVGMFN23	B	APPAREL	12.5	12.9	13.4	14.0	14.7	15.2	15.7	16.4	16.9	17.5	18.0
24	XVGMFN26	B	PAPER	12.8	13.3	13.8	14.5	15.3	16.0	16.6	17.4	18.1	18.7	19.3
25	XVGMFN27	B	PRINTING AND PUBLISHING	16.9	17.7	18.7	19.4	20.2	20.9	21.6	22.4	23.1	23.7	24.4
26	XVGMFN28	B	CHEMICALS	27.2	28.1	29.1	30.5	32.1	33.6	34.8	36.6	38.1	39.6	41.1
27	XVGMFN29	B	PETROLEUM	9.0	9.4	9.7	10.2	10.6	11.0	11.2	11.7	12.0	12.4	12.7
28	XVGMFN30	B	RUBBER	10.7	11.1	11.6	12.4	13.2	13.8	14.3	15.0	15.6	16.1	16.6
29	XVGMFN31	B	LEATHER	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2
30														
31	XVGRGT	I	TRANSPORTATION	53.1	53.7	53.9	56.4	59.1	61.4	63.2	65.8	67.9	69.8	71.6
32														
33	XVGRGT41	B	LOCAL AND HIGHWAY PASSENGER	2.9	2.7	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6
34	XVGRGT42	B	MOTOR FREIGHT AND WAREHOUSING	24.2	24.6	24.9	26.0	27.3	28.3	29.2	30.4	31.3	32.1	32.8
35	XVGRGT40	B	RAILROADS	9.8	9.9	10.0	10.5	11.0	11.3	11.6	12.0	12.3	12.6	12.8
36	XVGRGT44	B	WATER	3.3	3.3	3.3	3.4	3.5	3.6	3.7	3.9	4.0	4.2	4.3
37	XVGRGT45	B	AIR	9.9	10.2	10.3	10.9	11.5	12.1	12.6	13.3	13.9	14.4	14.9
38	XVGRGT46	B	PIPELINE	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
39	XVGRGT47	B	TRANSPORTATION SERVICES	1.8	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.5

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TABLE 10.20 REAL OUTPUT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP	I	ALL INDUSTRIES	3.9	2.5	2.3	4.5	4.4	3.6	2.9	3.8	3.0	2.9	2.7
2														
3	XVGAG	B	AGRIC., FORESTRY AND FISHERIES	-9.6	0.4	0.2	5.3	4.8	3.6	2.8	3.6	3.2	3.2	3.3
4														
5	XVGMG	I	MINING	4.9	3.5	3.3	5.5	5.7	4.2	3.4	4.9	3.7	3.5	3.3
6														
7	XVGMG10	B	METAL MINING	6.7	-0.5	5.4	8.6	8.4	4.3	1.2	3.8	1.5	2.1	4.9
8	XVGMG11+12	B	COAL MINING	5.9	4.2	3.4	6.6	6.8	5.2	4.3	5.6	4.4	3.9	3.5
9	XVGMG13	B	CRUDE PETROLEUM AND NATURAL GAS	4.3	4.6	3.1	5.3	5.4	4.1	3.3	4.7	3.7	3.5	3.0
10	XVGMG14	B	MINING OF NONMETALLIC MINERALS	5.6	-1.3	3.2	3.9	4.7	3.9	3.4	4.9	4.1	3.5	3.5
11														
12	XVGMF	I	MANUFACTURING	6.2	4.2	3.5	5.5	5.7	4.0	3.0	4.4	3.0	2.8	2.5
13														
14	XVGMFD	I	DURABLE GOODS	6.6	4.7	3.9	6.1	6.4	4.2	2.9	4.7	2.9	2.6	2.3
15	XVGMFN	I	NONDURABLE GOODS	5.8	3.5	3.0	4.6	4.6	3.7	3.2	4.1	3.3	3.1	2.9
16														
17	XVGRGT	I	TRANSPORTATION	2.2	1.2	0.4	4.6	4.9	3.8	3.0	4.1	3.2	2.8	2.5
18														
19	XVGRGC48	B	COMMUNICATIONS	9.4	6.1	5.9	10.6	2.3	5.8	4.5	5.6	5.6	5.8	6.4
20														
21	XVGRGU49	B	UTILITIES	6.8	2.3	3.0	5.2	5.1	3.8	3.3	3.8	3.6	3.4	2.7
22														
23	XVGCO	I	COMMERCIAL AND OTHER	4.8	1.5	1.7	4.1	4.3	3.5	3.0	3.8	3.0	2.9	2.7
24														
25	XVGCM	I	COMMERCIAL	4.7	1.3	1.6	4.2	4.4	3.6	3.1	3.8	3.0	2.9	2.6
26	XVGCC	B	CONTRACT CONSTRUCTION	3.8	-4.0	-2.7	5.0	6.1	3.0	1.3	3.7	0.6	0.5	0.5
27	XVGFI	I	FINANCE, INSURANCE & REAL ESTATE	4.5	3.2	2.0	3.2	3.8	3.5	3.2	3.5	3.1	3.0	2.8
28	XVGFI65+6	B	REAL ESTATE & COMBINATIONS OFFICES	5.1	2.7	1.7	2.8	3.6	3.4	3.2	3.4	3.0	2.9	2.8
29	XVGFI-65+6	B	OTHER FINANCE	3.0	4.9	2.6	4.5	4.3	3.8	3.5	3.9	3.4	3.3	3.0
30	XVGSV	B	SERVICES	6.2	-0.9	2.0	4.3	4.4	3.8	3.4	4.0	3.4	3.4	3.2
31	XVGWR	I	WHOLESALE AND RETAIL TRADE	4.0	2.6	1.8	4.7	4.6	3.7	3.1	3.9	3.0	2.8	2.5
32	XVGWRR52,9	B	RETAIL TRADE	5.6	2.5	1.4	4.5	4.4	3.6	3.1	3.9	2.9	2.8	2.4
33	XVGWRW50+1	B	WHOLESALE TRADE	1.7	2.7	2.5	5.1	4.9	3.7	3.0	4.0	3.1	2.9	2.6
34	XVGRW	B	REST OF WORLD	14.3	14.9	13.1	-0.5	-0.7	0.7	-1.2	4.7	8.3	6.4	6.0
35														
36	XVGGV	I	GOVERNMENT	1.6	1.5	1.8	1.6	2.2	1.9	1.8	1.8	1.7	1.6	1.6
37														
38	WACGVG	B	GENERAL GOVERNMENT	1.8	2.0	2.3	1.3	1.9	1.7	1.7	1.6	1.6	1.6	1.6
39	XVGGVFE	B	FEDERAL ENTERPRISES	-2.8	-2.7	-3.0	3.3	3.3	2.5	1.8	2.3	1.6	1.4	1.6
40	XVGGVSE	B	STATE AND LOCAL ENTERPRISES	1.7	-1.5	-3.0	5.7	5.9	5.0	4.2	4.3	3.3	2.8	2.2

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TABLE 10.2a REAL OUTPUT, GROWTH RATES

LINE	VAR	LABEL	I T E M	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XVGMF	I	MANUFACTURING	6.2	4.2	3.5	5.5	5.7	4.0	3.0	4.4	3.0	2.8	2.5
2														
3	XVGMFD	I	DURABLE GOODS	6.6	4.7	3.9	6.1	6.4	4.2	2.9	4.7	2.9	2.6	2.3
4														
5	XVGMFD24	B	LUMBER	8.0	4.0	5.2	6.7	7.3	4.6	3.1	4.0	4.6	4.1	4.0
6	XVGMFD25	B	FURNITURE	5.8	4.1	5.1	4.6	6.5	5.0	4.6	6.5	4.0	3.2	2.3
7	XVGMFD32	B	STONE, CLAY AND GLASS	4.0	4.7	3.8	3.3	4.7	3.5	2.6	4.7	2.7	2.4	2.3
8	XVGMFD33	B	PRIMARY METALS	3.4	4.7	3.8	5.6	5.8	2.5	0.5	3.0	0.4	-0.5	-0.1
9	XVGMFD34	B	FABRICATED METAL PRODUCTS	4.5	4.6	3.8	5.6	5.8	3.6	2.2	4.0	2.0	1.8	1.5
10	XVGMFD35	B	NONELECTRICAL MACHINERY	7.7	5.0	5.6	7.3	7.5	4.7	3.1	4.9	2.8	2.5	2.1
11	XVGMFD36	B	ELECTRICAL MACHINERY	8.5	6.6	2.1	6.1	6.4	5.0	4.1	5.2	3.7	3.6	3.4
12	XVGMFD371	B	MOTOR VEHICLES	8.8	1.7	4.6	6.8	6.9	4.5	3.2	5.4	3.2	2.9	2.2
13	XVGMFD38	B	INSTRUMENTS	4.8	5.5	3.7	5.8	6.1	4.5	3.6	5.0	3.7	3.4	3.1
14	XVGMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	4.9	6.6	2.0	5.6	5.1	3.2	2.5	4.2	2.9	2.7	2.5
15	XVGMFD37SP1	B	NONAUTO TRANS EQUIP + ORD	5.5	7.0	2.0	5.9	5.2	2.9	2.2	4.0	2.6	2.6	2.4
16	XVGMFD39	B	MISCELLANEOUS MANUFACTURING	3.1	5.5	2.0	4.8	5.1	4.2	3.5	4.8	3.7	3.1	2.8
17														
18	XVGMFN	I	NONDURABLE GOODS	5.8	3.5	3.0	4.6	4.6	3.7	3.2	4.1	3.3	3.1	2.9
19														
20	XVGMFN20	B	FOOD AND BEVERAGES	4.8	2.5	0.3	3.2	3.1	2.6	2.2	2.5	2.2	2.1	2.0
21	XVGMFN21	B	TOBACCO	3.4	2.2	2.4	4.5	4.4	4.0	3.4	4.9	4.4	4.1	3.6
22	XVGMFN22	B	TEXTILES	4.6	3.6	2.6	5.3	5.2	4.2	3.6	4.7	3.5	3.0	2.8
23	XVGMFN23	B	APPAREL	9.3	3.5	3.3	4.8	4.6	3.8	3.4	4.1	3.4	3.3	3.1
24	XVGMFN26	B	PAPER	7.4	4.5	3.5	5.4	5.5	4.4	3.6	4.8	4.0	3.4	3.2
25	XVGMFN27	B	PRINTING AND PUBLISHING	7.1	5.0	5.4	4.1	4.1	3.4	3.0	3.8	3.1	2.9	2.7
26	XVGMFN28	B	CHEMICALS	6.5	3.4	3.5	5.0	5.2	4.5	3.8	5.0	4.2	3.9	3.6
27	XVGMFN29	B	PETROLEUM	3.5	3.8	4.0	4.4	4.3	3.3	2.6	3.8	3.0	2.9	2.6
28	XVGMFN30	B	RUBBER	3.1	3.4	5.0	6.5	6.4	4.7	3.6	5.1	3.6	3.4	2.9
29	XVGMFN31	B	LEATHER	6.6	5.6	3.2	3.1	2.9	2.5	2.2	2.8	2.4	2.3	2.3
30														
31	XVGRGT	I	TRANSPORTATION	2.2	1.2	0.4	4.6	4.9	3.8	3.0	4.1	3.2	2.8	2.5
32														
33	XVGRGT41	B	LOCAL AND HIGHWAY PASSENGER	-14.1	-6.4	-6.0	0.3	1.1	0.7	0.0	1.0	0.4	0.2	-0.2
34	XVGRGT42	B	MOTOR FREIGHT AND WAREHOUSING	4.4	1.7	1.0	4.5	4.9	3.8	3.0	4.1	3.0	2.6	2.3
35	XVGRGT40	B	RAILROADS	0.3	0.5	1.1	4.7	4.9	3.2	2.0	3.8	2.6	2.1	1.8
36	XVGRGT44	B	WATER	4.8	1.0	-1.2	3.6	3.7	3.1	2.3	4.1	3.8	3.4	3.0
37	XVGRGT45	B	AIR	3.7	2.8	0.8	5.8	5.8	5.1	4.4	5.0	4.4	4.0	3.7
38	XVGRGT46	B	PIPELINE	-1.0	1.0	-1.4	6.8	6.2	4.9	3.9	4.8	4.1	3.7	3.3
39	XVGRGT47	B	TRANSPORTATION SERVICES	5.2	1.8	0.1	4.3	5.1	4.5	3.6	4.6	3.8	3.3	2.8

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TABLE 11.10 REAL OUTPUT PER PERSON (THOU 1972 $ / PERSON)

LINE	VAR LABEL	I T E M	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPPP	I ALL INDUSTRIES	14.71	14.7	14.8	15.0	15.3	15.6	15.8	16.2	16.5	16.7	17.0
2													
3	XAGPP	FARM	10.51	11.1	11.4	11.8	12.2	12.5	12.8	13.3	13.8	14.4	14.9
4													
5	XMGPP	MINING	24.11	24.3	25.8	27.7	29.5	30.8	31.8	33.0	33.7	34.3	35.0
6													
7	XMFPP	MANUFACTURING	16.91	17.2	17.6	18.3	19.0	19.6	20.1	20.8	21.3	21.9	22.4
8													
9	XMFDPP	DURABLE GOODS	16.81	17.1	17.5	18.1	18.7	19.2	19.6	20.2	20.7	21.2	21.6
10													
11	XMFD24PP	LUMBER	15.01	15.5	16.3	17.0	17.7	18.1	18.2	18.6	19.1	19.5	19.9
12	XMFD25PP	FURNITURE	9.81	10.0	10.3	10.6	11.0	11.4	11.7	12.2	12.5	12.8	12.9
13	XMFD32PP	STONE, CLAY AND GLASS	15.61	15.7	15.9	16.2	16.7	17.0	17.3	17.8	18.1	18.4	18.7
14	XMFD33PP	PRIMARY METALS	16.61	17.1	17.5	18.1	18.6	18.8	18.9	19.3	19.5	19.6	19.8
15	XMFD34PP	FABRICATED METAL PRODUCTS	13.71	13.9	14.1	14.4	14.8	15.0	15.2	15.6	15.8	16.1	16.4
16	XMFD35PP	NONELECTRICAL MACHINERY	16.41	16.8	17.1	17.7	18.3	18.7	18.9	19.4	19.7	20.1	20.5
17	XMFD36PP	ELECTRICAL MACHINERY	16.01	16.4	16.5	17.2	18.0	18.7	19.4	20.2	20.9	21.6	22.4
18	XMFD371PP	MOTOR VEHICLES	36.11	35.8	36.8	38.4	40.5	42.1	43.6	46.0	47.8	49.9	52.0
19	XMFD37SP2PP	NONAUTO TRAN EQ & ORD & MISC MFD	13.81	14.2	14.3	14.8	15.2	15.5	15.8	16.3	16.6	17.0	17.4
20	XMFD38PP	INSTRUMENTS	16.51	16.8	17.1	17.7	18.4	18.9	19.4	20.1	20.6	21.1	21.6
21													
22													
23	XMFNPP	NONDURABLE GOODS	17.01	17.4	17.9	18.7	19.5	20.2	20.9	21.7	22.4	23.1	23.8
24													
25	XMFN20PP	FOOD AND BEVERAGE	18.71	19.5	19.8	20.7	21.7	22.7	23.6	24.5	25.3	25.9	26.5
26	XMFN21PP	TOBACCO	69.71	71.5	73.2	76.8	80.6	84.5	88.2	93.3	98.4	103.6	108.5
27	XMFN22PP	TEXTILES	10.11	10.4	10.6	11.2	11.7	12.1	12.4	13.0	13.3	13.7	14.1
28	XMFN23PP	APPAREL	9.61	9.9	10.1	10.6	11.1	11.6	12.0	12.6	13.2	13.8	14.4
29	XMFN26PP	PAPER	17.91	18.4	18.8	19.6	20.4	21.2	21.8	22.8	23.6	24.4	25.3
30	XMFN27PP	PRINTING AND PUBLISHING	15.01	15.4	16.1	16.5	17.1	17.4	17.7	18.1	18.4	18.7	18.9
31	XMFN28PP	CHEMICALS	25.41	26.1	26.9	28.5	30.2	31.6	32.9	34.6	36.1	37.5	38.9
32	XMFN29PP	PETROLEUM	42.71	43.1	44.0	46.1	48.3	50.3	52.2	54.9	57.5	60.2	63.0
33	XMFN30PP	RUBBER	15.61	15.8	16.2	16.8	17.4	17.7	18.0	18.5	18.9	19.2	19.6
34	XMFN31PP	LEATHER	8.81	9.0	9.1	9.4	9.7	10.0	10.3	10.7	11.1	11.5	11.8
35													
36	XRGPP	REGULATED INDUSTRIES	27.91	28.3	29.1	30.6	31.5	32.6	33.5	34.6	35.4	36.3	37.5
37													
38	XRGTPP	TRANSPORTATION	19.71	19.6	19.6	20.2	20.7	21.1	21.4	21.9	22.2	22.4	22.7
39													
40	XRGC48PP	COMMUNICATIONS	36.81	38.7	41.1	43.5	45.0	47.5	49.7	51.8	53.3	55.2	58.0
41													
42	XRGU49PP	UTILITIES	41.91	42.2	43.7	46.4	49.0	51.0	52.6	54.5	56.7	59.0	61.2
43													
44	XCOPP	COMMERCIAL AND OTHER	13.91	13.7	13.6	13.7	13.8	13.9	14.1	14.3	14.5	14.7	14.8
45	XCCPP	CONTRACT CONSTRUCTION	13.61	12.7	12.2	12.0	12.1	12.1	12.1	12.5	12.7	12.9	13.0
46	XFIPP	FINANCE, INSURANCE & REAL ESTATE	45.31	45.1	44.7	44.4	44.8	45.6	46.4	47.3	48.2	49.0	49.7
47	XSVPP	SERVICES	10.51	10.1	10.0	10.0	10.1	10.2	10.2	10.3	10.4	10.5	10.6
48	XWRPP	WHOLESALE AND RETAIL TRADE	12.41	12.4	12.5	12.7	12.9	13.0	13.2	13.4	13.6	13.8	13.9
49													
50	XGVPP	GOVERNMENT	10.81	10.7	10.7	10.7	10.8	10.9	10.9	11.0	11.0	11.0	11.1

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TABLE 11.20 REAL OUTPUT PER PERSON, % CHANGE

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPPP	ALL INDUSTRIES	-0.21	0.1	0.5	1.8	2.0	1.6	1.4	2.3	1.7	1.6	1.5
2													
3	XAGPP	FARM	-10.81	5.0	3.0	4.1	2.9	2.5	2.7	3.8	3.9	3.9	3.9
4													
5	XMGPP	MINING	1.01	0.5	6.3	7.4	6.3	4.3	3.4	3.8	2.2	1.8	1.9
6													
7	XMFPP	MANUFACTURING	2.51	2.1	2.2	3.9	3.9	2.9	2.5	3.5	2.6	2.6	2.5
8													
9	XMFDPP	DURABLE GOODS	1.31	1.6	2.0	3.6	3.6	2.4	2.1	3.2	2.3	2.3	2.3
10													
11	XMFD24PP	LUMBER	3.91	3.2	5.3	4.4	4.2	2.0	0.8	2.0	2.6	2.1	2.2
12	XMFD25PP	FURNITURE	1.01	1.9	3.0	3.1	4.1	3.1	3.0	3.9	3.2	1.7	1.1
13	XMFD32PP	STONE, CLAY AND GLASS	-2.01	0.4	1.3	2.0	2.8	2.0	1.8	3.0	1.5	1.7	1.9
14	XMFD33PP	PRIMARY METALS	-0.61	2.7	2.7	3.2	2.7	1.0	0.5	2.3	0.8	0.7	1.1
15	XMFD34PP	FABRICATED METAL PRODUCTS	-1.01	1.7	1.3	2.6	2.5	1.5	1.3	2.5	1.4	1.7	1.7
16	XMFD35PP	NONELECTRICAL MACHINERY	2.91	2.1	2.1	3.6	3.5	1.7	1.5	2.5	1.6	1.9	1.9
17	XMFD36PP	ELECTRICAL MACHINERY	2.71	2.4	0.6	4.5	4.5	3.8	3.6	4.2	3.4	3.6	3.6
18	XMFD371PP	MOTOR VEHICLES	0.51	-0.8	3.0	4.3	5.4	4.0	3.6	5.3	4.1	4.4	4.0
19	XMFD37SP2PP	NONAUTO TRAN EQ + ORD & MISC MFD	0.41	2.6	1.0	3.1	2.8	2.1	2.1	3.0	2.2	2.3	2.3
20	XMFD38PP	INSTRUMENTS	-0.21	1.7	1.6	3.7	3.8	3.0	2.6	3.5	2.6	2.5	2.3
21													
22													
23	XMFNPP	NONDURABLE GOODS	4.21	2.8	2.6	4.4	4.4	3.7	3.3	4.0	3.2	3.1	2.9
24													
25	XMFN20PP	FOOD AND BEVERAGE	3.31	4.0	1.5	4.5	5.0	4.7	4.1	5.8	5.0	2.5	2.3
26	XMFN21PP	TOBACCO	2.61	2.6	2.4	4.9	5.0	4.8	4.4	5.8	5.4	5.2	4.8
27	XMFN22PP	TEXTILES	3.21	2.9	2.8	4.9	4.5	3.5	3.1	4.0	3.0	2.7	2.7
28	XMFN23PP	APPAREL	8.01	2.7	3.0	4.6	4.6	4.2	4.1	4.9	4.4	4.4	4.5
29	XMFN26PP	PAPER	5.21	2.6	2.4	4.2	4.4	3.5	3.1	4.4	3.7	3.4	3.5
30	XMFN27PP	PRINTING AND PUBLISHING	5.71	2.9	4.1	2.9	3.1	2.2	1.7	2.2	1.6	1.5	1.3
31	XMFN28PP	CHEMICALS	5.41	2.7	3.0	6.1	5.8	4.8	4.2	5.1	4.2	3.9	3.7
32	XMFN29PP	PETROLEUM	2.51	0.9	2.2	4.7	4.8	4.1	3.8	5.2	4.7	4.7	4.6
33	XMFN30PP	RUBBER	1.21	1.6	2.4	3.8	3.2	2.0	1.6	2.9	1.9	2.0	1.9
34	XMFN31PP	LEATHER	2.91	2.5	1.3	3.0	3.2	3.2	3.3	3.8	3.3	3.2	3.4
35													
36	XRGPP	REGULATED INDUSTRIES	3.11	1.6	2.9	5.0	3.2	3.4	2.8	3.1	2.5	2.4	3.3
37													
38	XRGTPP	TRANSPORTATION	1.71	-0.6	-0.2	3.1	2.8	1.8	1.5	2.4	1.3	0.8	1.5
39													
40	XRGC48PP	COMMUNICATIONS	2.11	5.1	6.2	5.8	3.6	5.5	4.6	4.1	2.9	3.6	5.1
41													
42	XRGU49PP	UTILITIES	3.51	0.8	3.6	6.0	5.7	4.0	3.2	3.5	4.1	4.0	3.7
43													
44	XCOPP	COMMERCIAL AND OTHER	-0.21	-1.3	-0.5	0.3	1.1	0.9	0.9	1.8	1.4	1.2	0.9
45	XCCPP	CONTRACT CONSTRUCTION	-6.01	-6.8	-4.0	-1.5	0.9	-0.0	0.0	3.4	1.7	1.4	0.8
46	XFIPP	FINANCE, INSURANCE & REAL ESTATE	-0.51	-0.4	-1.0	-0.7	0.9	1.7	1.7	2.1	1.8	1.7	1.5
47	XSVPP	SERVICES	1.31	-4.3	-0.3	-0.1	0.9	0.7	0.5	1.2	0.9	0.8	0.7
48	XWRPP	WHOLESALE AND RETAIL TRADE	-0.21	-0.3	0.5	1.8	1.8	1.1	0.9	1.9	1.4	1.3	1.0
49													
50	XGVPP	GOVERNMENT	-1.11	-0.4	-0.7	0.6	0.8	0.5	0.5	0.5	0.3	0.3	0.3

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TABLE 12.10 NOMINAL OUTPUT (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNPS	I	ALL INDUSTRIES	2105.7	2308.1	2509.9	2805.0	3131.2	3463.8	3793.7	4175.6	4533.5	4888.5	5239.0
2														
3	XVGSUMS	I	SUM OF NOMINAL OUTPUTS	2103.6	2305.1	2506.9	2802.0	3128.2	3460.8	3790.7	4172.7	4530.5	4885.3	5236.0
4	SDS	E	STATISTICAL DISCREPENCY	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
5														
6	XVGAGS	I	AGRIC, FORESTRY AND FISHERIES	62.1	65.9	68.6	75.5	84.7	94.6	104.6	117.4	129.1	138.8	147.4
7														
8	XVGMGS	I	MINING	63.3	76.7	88.5	103.4	119.3	135.0	149.5	166.3	182.5	199.1	216.3
9														
10	XVGMFS	I	MANUFACTURING	510.1	567.8	619.6	692.5	770.5	844.5	916.7	1005.5	1084.9	1163.2	1241.5
11														
12	XVGMFDS	I	DURABLE GOODS	314.0	351.0	388.6	441.1	498.2	550.5	600.4	663.6	718.5	773.0	827.2
13	XVGMFD24S	I	LUMBER	16.4	17.7	19.2	21.2	23.8	26.5	29.0	32.6	36.3	39.6	43.2
14	XVGMFD25S	I	FURNITURE	7.9	8.7	9.6	10.5	11.6	12.7	13.7	15.1	16.1	17.2	18.2
15	XVGMFD32S	I	STONE, CLAY AND GLASS	17.6	19.5	21.4	24.1	26.4	28.1	29.9	32.5	34.6	36.6	38.6
16	XVGMFD33S	I	PRIMARY METALS	36.5	40.8	44.2	49.4	55.4	60.4	64.4	69.4	73.2	76.2	79.2
17	XVGMFD34S	I	FABRICATED METAL PRODUCTS	35.9	39.9	43.5	49.6	56.0	62.0	67.7	74.8	80.7	86.6	92.2
18	XVGMFD35S	I	NONELECTRICAL MACHINERY	60.6	67.9	76.7	88.2	101.6	113.7	125.2	139.8	152.5	165.4	178.1
19	XVGMFD36S	I	ELECTRICAL MACHINERY	48.3	54.9	60.4	68.7	77.0	84.6	92.1	101.0	108.8	116.6	124.7
20	XVGMFD371S	I	MOTOR VEHICLES	44.2	48.6	55.2	63.8	73.5	82.6	91.3	102.8	112.9	123.3	133.4
21	XVGMFD38S	I	INSTRUMENTS	12.6	14.2	15.6	17.5	19.5	21.4	23.3	25.8	27.9	30.1	32.3
22	XVGMFD373P2S	I	NONAUTO TRANS EQ + ORD + MISC	34.0	39.0	42.7	48.0	53.5	58.6	63.7	70.0	75.6	81.4	87.3
23	XVGMFD373P1S	I	NONAUTO TRANS EQUIP + ORD	26.3	30.3	33.3	37.5	41.7	45.5	49.4	54.2	58.4	62.8	67.3
24	XVGMFD39S	I	MISCELLANEOUS MANUFACTURING	7.7	8.7	9.5	10.5	11.7	13.0	14.3	15.8	17.2	18.6	20.0
25														
26	XVGMFNS	I	NONDURABLE GOODS	196.2	216.7	231.0	251.4	272.4	294.0	316.3	341.9	366.4	390.2	414.3
27	XVGMFN20S	I	FOOD AND BEVERAGES	44.2	47.9	50.1	52.4	55.0	58.2	61.5	65.4	69.4	73.4	77.7
28	XVGMFN21S	I	TOBACCO	6.0	6.6	7.1	7.7	8.3	8.9	9.6	10.3	11.1	11.8	12.5
29	XVGMFN22S	I	TEXTILES	14.0	15.4	16.5	18.2	20.0	21.9	23.9	26.1	28.2	30.2	32.1
30	XVGMFN23S	I	APPAREL	15.3	16.8	17.9	19.6	21.5	23.5	25.6	27.6	29.6	31.4	33.2
31	XVGMFN26S	I	PAPER	20.1	22.8	24.7	27.0	29.6	32.5	35.4	38.5	41.6	44.7	47.8
32	XVGMFN27S	I	PRINTING AND PUBLISHING	25.1	27.9	29.8	32.9	36.1	39.6	43.2	47.2	51.2	55.3	59.4
33	XVGMFN28S	I	CHEMICALS	40.1	44.5	47.5	52.0	56.1	59.9	63.9	69.0	73.6	78.0	82.4
34	XVGMFN29S	I	PETROLEUM	13.3	14.8	15.8	17.6	19.2	20.7	22.1	23.8	25.2	26.7	28.1
35	XVGMFN30S	I	RUBBER	15.0	16.6	18.0	20.0	22.1	24.1	26.2	28.7	30.9	32.9	35.0
36	XVGMFN31S	I	LEATHER	3.1	3.4	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.8	6.1
37														
38	XVGCOS	I	COMMERCIAL AND OTHER	1026.8	1120.6	1216.5	1365.6	1536.3	1711.2	1884.0	2080.7	2264.2	2446.6	2625.8
39														
40	XVGRGTS	I	TRANSPORTATION	77.7	82.9	87.7	94.6	102.5	111.0	119.9	130.0	140.4	151.7	162.6
41														
42	XVGRGU49S	I	UTILITIES	52.9	58.1	64.7	73.0	81.1	89.1	97.8	108.1	118.0	127.8	136.7
43														
44	XVGRGC48S	I	COMMUNICATIONS	55.4	59.8	64.7	72.8	76.0	81.9	87.3	94.0	101.2	109.2	118.2
45														
46	XVGGVS	I	GOVERNMENT AND GOV. ENTERPRISES	255.6	275.4	296.5	324.5	357.7	393.5	430.9	470.7	510.2	549.0	587.6
47	XVGGVGS	I	GENERAL GOVERNMENT	226.6	245.4	265.7	290.0	318.5	349.5	382.2	416.6	451.0	485.1	519.8
48	XVGGVFES	I	FEDERAL ENTERPRISES	15.4	15.8	16.4	18.3	20.6	22.9	25.3	28.1	30.8	33.3	35.1
49	XVGGVSES	I	STATE AND LOCAL ENTERPRISES	13.5	14.1	14.4	16.3	18.6	21.0	23.4	26.0	28.3	30.6	32.6

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TABLE 12.20 NOMINAL OUTPUT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP$	I	ALL INDUSTRIES	11.6	9.5	8.7	11.8	11.6	10.6	9.5	10.1	8.6	7.8	7.2
2														
3	XVGSUM$	I	SUM OF NOMINAL OUTPUTS	11.7	9.6	8.8	11.8	11.6	10.6	9.5	10.1	8.6	7.8	7.2
4														
5	XVGAG$	I	AGRIC., FORESTRY AND FISHERIES	10.4	2.8	7.4	10.2	12.2	11.6	10.6	12.3	9.9	7.5	6.2
6														
7	XVGMG$	I	MINING	27.3	21.3	15.4	16.8	15.3	13.2	10.7	11.2	9.8	9.1	8.6
8														
9	XVGMF$	I	MANUFACTURING	13.0	11.3	9.1	11.8	11.3	9.6	8.6	9.7	7.9	7.2	6.7
10														
11	XVGMFD$	I	DURABLE GOODS	15.4	11.8	10.7	13.5	12.9	10.5	9.1	10.5	8.3	7.6	7.0
12	XVGMFD24$	I	LUMBER	15.3	7.7	8.8	10.3	12.1	11.2	9.6	12.4	11.3	9.2	8.9
13	XVGMFD25$	I	FURNITURE	16.6	10.0	10.4	9.7	10.0	9.2	8.5	9.7	6.7	6.9	6.0
14	XVGMFD32$	I	STONE, CLAY AND GLASS	20.1	10.4	10.2	12.4	9.6	6.4	6.5	8.6	6.5	5.9	5.4
15	XVGMFD33$	I	PRIMARY METALS	7.3	11.7	8.4	11.8	12.1	9.1	6.5	7.7	5.5	4.1	3.9
16	XVGMFD34$	I	FABRICATED METAL PRODUCTS	16.6	10.9	9.2	14.0	12.8	10.7	9.3	10.5	7.9	7.3	6.5
17	XVGMFD35$	I	NONELECTRICAL MACHINERY	17.2	12.2	12.9	15.0	15.1	12.0	10.1	11.6	9.1	8.4	7.7
18	XVGMFD36$	I	ELECTRICAL MACHINERY	18.7	13.7	10.0	13.7	12.1	9.8	8.9	9.7	7.7	7.2	7.0
19	XVGMFD371$	I	MOTOR VEHICLES	17.3	9.9	13.6	15.6	15.3	12.4	10.5	12.6	9.8	9.2	8.2
20	XVGMFD38$	I	INSTRUMENTS	8.9	12.7	10.3	12.0	11.2	9.8	9.2	10.3	8.3	7.9	7.3
21	XVGMFD37SP2$	I	NONAUTO TRANS EQ + ORD + MISC	13.1	14.7	9.6	12.4	11.3	9.5	8.8	9.9	8.1	7.6	7.2
22	XVGMFD37SP1$	I	NONAUTO TRANS EQUIP + ORD	13.6	15.3	9.7	12.8	11.2	9.2	8.4	9.7	7.9	7.5	7.2
23	XVGMFD39$	I	MISCELLANEOUS MANUFACTURING	11.5	12.6	9.2	11.1	11.8	10.8	9.9	10.6	9.0	8.0	7.6
24														
25	XVGMFN$	I	NONDURABLE GOODS	9.3	10.5	6.6	8.8	8.3	8.0	7.6	8.1	7.2	6.5	6.2
26	XVGMFN20$	I	FOOD AND BEVERAGES	7.9	8.5	4.4	4.6	5.0	5.7	5.8	6.3	6.2	5.7	5.8
27	XVGMFN21$	I	TOBACCO	6.8	10.4	6.6	8.5	8.3	7.9	7.2	7.9	7.1	6.6	6.2
28	XVGMFN22$	I	TEXTILES	8.5	10.0	7.6	10.1	9.9	9.7	9.2	9.2	8.0	6.9	6.0
29	XVGMFN23$	I	APPAREL	12.6	9.3	6.9	9.6	9.6	9.3	8.7	7.9	7.2	6.2	5.6
30	XVGMFN26$	I	PAPER	10.8	13.5	8.4	9.3	9.6	9.8	8.9	8.7	8.0	7.4	7.0
31	XVGMFN27$	I	PRINTING AND PUBLISHING	11.8	11.3	6.7	10.6	9.7	9.5	9.2	9.3	8.4	7.9	7.5
32	XVGMFN28$	I	CHEMICALS	9.9	11.2	6.7	9.5	8.0	6.8	6.6	7.9	6.7	6.0	5.7
33	XVGMFN29$	I	PETROLEUM	7.2	11.0	7.2	11.2	9.3	7.6	6.8	7.5	6.3	5.6	5.5
34	XVGMFN30$	I	RUBBER	6.2	10.5	8.1	11.6	10.5	9.1	8.5	9.7	7.4	6.7	6.3
35	XVGMFN31$	I	LEATHER	9.3	9.6	5.4	8.8	8.6	7.6	6.9	6.9	5.8	5.1	5.1
36														
37	XVGCO$	I	COMMERCIAL AND OTHER	11.2	9.2	8.6	12.3	12.5	11.4	10.1	10.4	8.8	8.1	7.3
38														
39	XVGRGT$	I	TRANSPORTATION	9.9	6.7	5.8	7.8	8.3	8.3	8.0	8.4	8.0	8.1	7.2
40														
41	XVGPGU49$	I	UTILITIES	12.9	9.8	11.4	12.7	11.2	9.8	9.8	10.5	9.2	8.2	7.0
42														
43	XVGPCC48$	I	COMMUNICATIONS	12.2	7.8	8.2	12.6	4.4	7.8	6.5	7.7	7.7	7.9	8.3
44														
45	XVGGV$	I	GOVERNMENT AND GOV. ENTERPRISES	8.6	7.7	7.7	9.5	10.2	10.0	9.5	9.2	8.4	7.6	7.0
46														
47	GRCGVG$	I	GENERAL GOVERNMENT	9.0	8.3	8.3	9.1	9.8	9.8	9.3	9.0	8.3	7.6	7.2
48	XVGGVFE$	I	FEDERAL ENTERPRISES	10.0	2.9	3.3	11.5	12.6	11.5	10.2	11.2	9.8	8.0	5.6
49	XVGGVSE$	I	STATE AND LOCAL ENTERPRISES	1.7	4.3	2.4	13.2	14.1	12.9	11.3	10.9	9.0	7.9	6.7

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TABLE 13.10 EMPLOYMENT (THOUSANDS)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NEMT	I	ALL INDUSTRIES	94257.	96380.	98070.	100638.	103017.	105019.	106605.	108247.	109636.	110987.	112310.
2														
3	NEMA	B	FARM	3310.	3165.	3081.	3118.	3173.	3208.	3211.	3203.	3182.	3161.	3142.
4	NEETMG	B	MINING	862.	868.	865.	848.	843.	843.	843.	851.	864.	878.	890.
5														
6	NEETMF	I	MANUFACTURING	20266.	20692.	20964.	21289.	21648.	21882.	21980.	22178.	22268.	22304.	22299.
7	NEETMFD	I	DURABLE GOODS	12075.	12441.	12677.	12987.	13333.	13565.	13670.	13860.	13942.	13975.	13974.
8	NEETMFD24	B	LUMBER	667.	672.	672.	687.	707.	726.	742.	756.	771.	786.	800.
9	NEETMFD25	B	FURNITURE	534.	545.	556.	565.	578.	588.	597.	612.	616.	625.	633.
10	NEETMFD32	B	STONE, CLAY AND GLASS	692.	721.	739.	748.	762.	773.	779.	792.	801.	807.	810.
11	NEETMFD33	B	PRIMARY METALS	1251.	1276.	1289.	1320.	1359.	1380.	1379.	1388.	1383.	1367.	1351.
12	NEETMFD34	B	FABRICATED METAL PRODUCTS	1531.	1575.	1615.	1664.	1719.	1755.	1770.	1795.	1805.	1806.	1804.
13	NEETMFD35	B	NONELECTRICAL MACHINERY	2290.	2354.	2433.	2521.	2620.	2696.	2738.	2800.	2833.	2851.	2857.
14	NEETMFD36	B	ELECTRICAL MACHINERY	2044.	2127.	2159.	2193.	2233.	2259.	2269.	2289.	2295.	2295.	2291.
15	NEETMFD371	B	MOTOR VEHICLES	965.	988.	1005.	1029.	1044.	1049.	1045.	1046.	1036.	1021.	1004.
16	NEETMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	1547.	1607.	1624.	1663.	1701.	1720.	1726.	1747.	1759.	1768.	1772.
17	NEETMFD39	B	MISCELLANEOUS MANUFACTURING	437.	444.	455.	471.	488.	499.	506.	516.	522.	524.	524.
18	NEETMFD37SP1	B	NONAUTO TRANS EQ + ORD	1110.	1163.	1169.	1191.	1213.	1220.	1220.	1231.	1237.	1243.	1248.
19	NEETMFD372,9	B	NONAUTO TRANS EQ	948.	994.	1000.	1028.	1056.	1070.	1075.	1089.	1098.	1106.	1112.
20	NEETMFD19	B	ORDNANCE MANUFACTURING	162.	169.	168.	164.	156.	151.	145.	141.	139.	137.	137.
21	NEETMFD38	B	INSTRUMENTS	554.	574.	586.	598.	611.	620.	626.	635.	642.	647.	652.
22	NEETMFN	I	NONDURABLE GOODS	8192.	8251.	8287.	8302.	8315.	8317.	8310.	8318.	8326.	8329.	8325.
23	NEETMFN20	B	FOOD AND BEVERAGES	1745.	1719.	1698.	1677.	1648.	1615.	1587.	1567.	1555.	1548.	1544.
24	NEETMFN21	B	TOBACCO	70.	70.	70.	70.	70.	69.	68.	68.	67.	66.	66.
25	NEETMFN22	B	TEXTILES	994.	1000.	998.	1002.	1009.	1016.	1021.	1027.	1032.	1035.	1036.
26	NEETMFN23	B	APPAREL	1303.	1313.	1317.	1320.	1320.	1316.	1307.	1298.	1285.	1271.	1254.
27	NEETMFN26	B	PAPER	713.	726.	734.	742.	751.	757.	760.	764.	765.	765.	763.
28	NEETMFN27	B	PRINTING AND PUBLISHING	1125.	1147.	1162.	1175.	1187.	1202.	1217.	1235.	1253.	1272.	1289.
29	NEETMFN28	B	CHEMICALS	1069.	1076.	1081.	1070.	1065.	1061.	1058.	1057.	1057.	1057.	1056.
30	NEETMFN29	B	PETROLEUM	211.	217.	221.	221.	220.	218.	215.	212.	209.	205.	201.
31	NEETMFN30	B	RUBBER	688.	701.	718.	737.	759.	779.	794.	812.	825.	836.	845.
32	NEETMFN31	B	LEATHER	274.	282.	287.	287.	287.	285.	282.	279.	277.	274.	271.
33														
34	NEETTRG	I	REGULATED INDUSTRIES	4709.	4782.	4789.	4881.	4917.	4975.	5016.	5088.	5174.	5259.	5300.
35	NEETTRGT	B	TRANSPORTATION	2691.	2742.	2757.	2797.	2855.	2910.	2952.	3002.	3058.	3119.	3150.
36	NEETTRGU49	B	UTILITIES	768.	780.	775.	769.	764.	761.	763.	766.	762.	758.	751.
37	NEETTRGC48	B	COMMUNICATIONS	1250.	1261.	1257.	1315.	1298.	1302.	1300.	1319.	1353.	1382.	1399.
38														
39	NEETICO	I	COMMERCIAL AND OTHER	49497.	50933.	52053.	54012.	55716.	57154.	58369.	59513.	60486.	61487.	62549.
40	NEETICM	I	COMMERCIAL	44129.	45528.	46386.	48211.	49781.	51128.	52282.	53360.	54243.	55136.	56072.
41	NEETICC	B	CONTRACT CONSTRUCTION	4245.	4370.	4429.	4721.	4965.	5116.	5180.	5197.	5141.	5095.	5079.
42	NEETTFI	B	FINANCE, INSUR, REAL ESTATE	4735.	4906.	5054.	5251.	5400.	5492.	5574.	5651.	5726.	5802.	5879.
43	NEETISV	B	SERVICES	16082.	16644.	17033.	17791.	18408.	18975.	19527.	20062.	20569.	21089.	21620.
44	NEETTWR	B	WHOLESALE AND RETAIL TRADE	19067.	19608.	19869.	20048.	21009.	21548.	22001.	22450.	22807.	23151.	23494.
45	NEHMSE	F	SELF-EMPLOYED WORKERS, NONAG	6279.	6435.	6697.	6807.	6917.	7006.	7084.	7169.	7269.	7371.	7482.
46	NEHMUF	F	UNPAID FAMILY WORKERS, NONAG	478.	470.	470.	470.	470.	470.	470.	470.	470.	470.	470.
47	NEHMWS-ET	F	CONCEPTUAL DIFF, NH VS ESTAB	-1389.	-1500.	-1500.	-1476.	-1452.	-1450.	-1467.	-1487.	-1496.	-1490.	-1475.
48														
49	NEETIGV	I	GOVERNMENT	15612.	15920.	16320.	16490.	16718.	16958.	17187.	17415.	17662.	17898.	18130.
50	NEETIGVF	B	FEDERAL	2757.	2770.	2770.	2776.	2783.	2791.	2800.	2810.	2822.	2834.	2846.
51	NEETIGVS	B	STATE AND LOCAL	12854.	13150.	13550.	13714.	13936.	14167.	14387.	14605.	14840.	15064.	15283.

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TABLE 13.20 EMPLOYMENT, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NEMT	I	ALL INDUSTRIES	4.1	2.3	1.8	2.6	2.4	1.9	1.5	1.5	1.3	1.2	1.2
2														
3	NEMA	B	FARM	2.0	-4.4	-2.7	1.2	1.8	1.1	0.1	-0.3	-0.6	-0.7	-0.6
4	NEETTMG	B	MINING	3.8	3.0	-2.8	-1.8	-0.6	-0.1	0.0	1.0	1.5	1.7	1.4
5														
6	NEETTMF	I	MANUFACTURING	3.6	2.1	1.3	1.5	1.7	1.1	0.4	0.9	0.4	0.2	-0.0
7	NEETTMFD	I	DURABLE GOODS	5.2	3.0	1.9	2.4	2.7	1.7	0.8	1.4	0.6	0.2	-0.0
8	NEETTMFD24	B	LUMBER	3.9	0.7	-0.0	2.3	2.9	2.6	2.3	1.9	1.9	1.9	1.8
9	NEETTMFD25	B	FURNITURE	4.7	2.2	2.0	1.5	2.3	1.8	1.5	2.5	0.7	1.5	1.2
10	NEETTMFD32	B	STONE, CLAY AND GLASS	6.0	4.2	2.5	1.3	1.8	1.4	0.8	1.7	1.1	0.7	0.4
11	NEETTMFD33	B	PRIMARY METALS	4.0	2.0	1.0	2.4	3.0	1.5	-0.1	0.7	-0.4	-1.2	-1.2
12	NEETTMFD34	B	FABRICATED METAL PRODUCTS	5.5	2.9	2.6	3.0	3.3	2.1	0.8	1.4	0.6	0.1	-0.2
13	NEETTMFD35	B	NONELECTRICAL MACHINERY	4.7	2.8	3.3	3.6	3.9	2.9	1.5	2.3	1.2	0.6	0.2
14	NEETTMFD36	B	ELECTRICAL MACHINERY	5.6	4.1	1.5	1.6	1.8	1.1	0.5	0.9	0.2	0.0	-0.2
15	NEETTMFD371	B	MOTOR VEHICLES	8.3	2.5	1.6	2.4	1.4	0.5	-0.4	0.1	-0.9	-1.4	-1.7
16	NEETTMFD373P2	B	NONAUTO TRANS EQ + ORD + MISC	4.5	3.9	1.0	2.4	2.3	1.1	0.4	1.2	0.7	0.5	0.3
17	NEETTMFD39	B	MISCELLANEOUS MANUFACTURING	4.5	1.7	2.4	3.6	3.6	2.3	1.3	2.0	1.2	0.4	-0.0
18	NEETTMFD373P1	B	NONAUTO TRANS EQ + ORD	4.5	4.8	0.5	1.9	1.8	0.6	0.0	0.9	0.5	0.5	0.4
19	NEETTMFD372,9	B	NONAUTO TRANS EQ	4.5	4.8	0.7	2.7	2.8	1.3	0.5	1.3	0.8	0.7	0.5
20	NEETTMFD19	B	ORDNANCE MANUFACTURING	4.5	4.6	-0.7	-2.8	-4.4	-3.7	-3.5	-2.7	-1.9	-1.1	-0.4
21	NEETTMFD38	B	INSTRUMENTS	5.0	3.7	2.1	2.0	2.2	1.5	1.0	1.4	1.1	0.9	0.7
22	NEETTMFN	I	NONDURABLE GOODS	1.5	0.7	0.4	0.2	0.2	0.0	-0.1	0.1	0.1	0.0	-0.1
23	NEETTMFN20	B	FOOD AND BEVERAGES	1.4	-1.5	-1.2	-1.2	-1.8	-2.0	-1.8	-1.2	-0.8	-0.5	-0.3
24	NEETTMFN21	B	TOBACCO	0.7	-0.4	-0.1	-0.4	-0.6	-0.8	-1.0	-0.9	-1.0	-1.1	-1.2
25	NEETTMFN22	B	TEXTILES	1.3	0.6	-0.2	0.4	0.7	0.7	0.5	0.6	0.5	0.3	0.1
26	NEETTMFN23	B	APPAREL	1.2	0.8	0.3	0.2	0.0	-0.3	-0.7	-0.7	-0.9	-1.1	-1.3
27	NEETTMFN26	B	PAPER	2.1	1.8	1.1	1.1	1.1	0.8	0.5	0.4	0.2	-0.0	-0.3
28	NEETTMFN27	B	PRINTING AND PUBLISHING	1.4	2.0	1.3	1.1	1.0	1.2	1.3	1.5	1.5	1.5	1.4
29	NEETTMFN28	B	CHEMICALS	1.1	0.7	0.5	-1.0	-0.5	-0.3	-0.4	-0.1	0.0	-0.0	-0.1
30	NEETTMFN29	B	PETROLEUM	0.9	2.9	1.8	-0.3	-0.5	-0.8	-1.1	-1.3	-1.6	-1.8	-2.0
31	NEETTMFN30	B	RUBBER	1.9	1.8	2.5	2.6	3.0	2.6	2.0	2.2	1.7	1.3	1.0
32	NEETTMFN31	B	LEATHER	3.5	3.0	1.9	0.1	-0.3	-0.7	-1.1	-1.0	-0.9	-1.0	-1.0
33														
34	NEETTRG	I	REGULATED INDUSTRIES	2.6	1.5	0.2	1.9	0.7	1.2	0.8	1.4	1.7	1.6	0.8
35	NEETTRGT	B	TRANSPORTATION	0.5	1.9	0.6	1.5	2.1	2.0	1.4	1.7	1.9	2.0	1.0
36	NEETTRGU49	B	UTILITIES	3.2	1.5	-0.6	-0.8	-0.6	-0.2	0.1	0.4	-0.5	-0.6	-1.0
37	NEETTRGC48	B	COMMUNICATIONS	7.1	0.9	-0.3	4.6	-1.3	0.3	-0.1	1.5	2.6	2.1	1.3
38														
39	NEETTCO	I	COMMERCIAL AND OTHER	5.0	2.9	2.2	3.8	3.2	2.6	2.1	2.0	1.6	1.7	1.7
40	NEETTCM	I	COMMERCIAL	5.1	3.2	1.9	3.9	3.3	2.7	2.3	2.1	1.7	1.6	1.7
41	NEETTCC	B	CONTRACT CONSTRUCTION	10.4	2.9	1.4	6.6	5.2	3.0	1.3	0.3	-1.1	-0.9	-0.3
42	NEETTFI	B	FINANCE, INSUR, REAL ESTATE	5.0	3.6	3.0	3.9	2.8	1.7	1.5	1.4	1.3	1.3	1.3
43	NEETTSV	B	SERVICES	4.9	3.5	2.3	4.4	3.5	3.1	2.9	2.7	2.5	2.5	2.5
44	NEETTWR	B	WHOLESALE AND RETAIL TRADE	4.2	2.8	1.3	2.9	2.7	2.6	2.1	2.0	1.6	1.5	1.5
45	NEMNSE	E	SELF-EMPLOYED WORKERS, NONAG	4.6	2.5	0.1	1.6	1.6	1.3	1.1	1.2	1.4	1.4	1.5
46	NEMPUE	E	UNPAID FAMILY WORKERS, NONAG	-2.8	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	NEMWKS-E1	E	CONCEPTUAL DIFF, HH VS ESTAB	3.9	8.0	0.0	-1.6	-1.6	-0.1	1.2	1.3	0.6	-0.4	-1.0
48														
49	NEETTGV	I	GOVERNMENT	2.8	2.0	2.5	1.0	1.4	1.4	1.4	1.3	1.4	1.3	1.3
50	NEETTGVF	B	FEDERAL	1.1	0.5	0.0	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
51	NEETTGVS	B	STATE AND LOCAL	3.1	2.3	3.0	1.2	1.6	1.7	1.6	1.5	1.6	1.5	1.5

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TABLE 14.10 POPULATION AND LABOR FORCE (MILLIONS)

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NPT		I	TOTAL POPULATION	218.51	220.31	222.24	224.29	226.43	228.60	230.79	232.98	235.17	237.33	239.48
2															
3	NPT00.04	E		TOTAL POPULATION, AGES 00 - 04	15.36	15.68	16.09	16.69	17.33	17.95	18.48	18.88	19.15	19.33	19.45
4	NPT05.09	E		TOTAL POPULATION, AGES 05 - 09	16.89	16.49	16.10	15.57	15.42	15.54	15.86	16.26	16.86	17.51	18.12
5	NPT10.14	E		TOTAL POPULATION, AGES 10 - 14	18.58	18.06	17.80	17.82	17.64	17.36	16.96	16.56	16.03	15.87	15.98
6	NPT15.19	I		TOTAL POPULATION, AGES 15 - 19	21.06	20.91	20.60	20.01	19.40	18.78	18.26	18.00	18.02	17.84	17.57
7	NPT15	E		TOTAL POPULATION, AGE 15	4.14	4.08	3.91	3.69	3.59	3.51	3.56	3.64	3.72	3.41	3.23
8	NPT16.17	I		TOTAL POPULATION, AGES 16 - 17	8.42	8.28	8.15	7.92	7.54	7.23	7.05	7.02	7.15	7.31	7.09
9	NPT18.19	I		TOTAL POPULATION, AGES 18 - 19	8.51	8.56	8.54	8.39	8.27	8.04	7.65	7.34	7.15	7.12	7.25
10	NPT20.24	I		TOTAL POPULATION, AGES 20 - 24	20.45	20.72	20.90	21.10	21.07	20.96	20.81	20.49	19.91	19.31	18.70
11	NPT25.29	I		TOTAL POPULATION, AGES 25 - 29	18.04	18.44	18.92	19.31	19.76	20.13	20.39	20.57	20.75	20.72	20.62
12	NPT30.34	I		TOTAL POPULATION, AGES 30 - 34	15.89	16.56	17.24	18.14	18.88	18.40	18.80	19.28	19.67	20.12	20.49
13	NPT35.39	I		TOTAL POPULATION, AGES 35 - 39	13.06	13.59	14.04	14.29	15.43	15.92	16.58	17.28	18.16	18.10	18.40
14	NPT40.44	I		TOTAL POPULATION, AGES 40 - 44	11.32	11.51	11.69	11.98	12.41	13.13	13.66	14.10	14.36	15.49	15.98
15	NPT45.49	I		TOTAL POPULATION, AGES 45 - 49	11.36	11.21	11.03	11.00	11.05	11.16	11.35	11.53	11.81	12.23	12.94
16	NPT50.54	I		TOTAL POPULATION, AGES 50 - 54	11.82	11.72	11.67	11.54	11.40	11.25	11.10	10.93	10.90	10.95	11.06
17	NPT55.59	I		TOTAL POPULATION, AGES 55 - 59	11.24	11.36	11.39	11.40	11.31	11.26	11.16	11.11	11.00	10.86	10.71
18	NPT60.64	I		TOTAL POPULATION, AGES 60 - 64	9.43	9.57	9.80	10.00	10.28	10.47	10.59	10.61	10.63	10.55	10.49
19	NPT65.69	I		TOTAL POPULATION, AGES 65 - 69	8.57	8.66	8.71	8.78	8.83	8.89	9.03	9.25	9.45	9.71	9.89
20	NPT70+	I		TOTAL POPULATION, AGES 70 AND OVER	15.44	15.84	16.29	16.66	17.03	17.40	17.77	18.13	18.45	18.75	19.07
21	NPT70.74	I		TOTAL POPULATION, AGES 70 - 74	6.36	6.56	6.79	6.94	7.07	7.17	7.26	7.30	7.36	7.41	7.47
22	NPT75+	I		TOTAL POPULATION, AGES 75 & OVER	9.08	9.28	9.49	9.72	9.95	10.23	10.51	10.83	11.09	11.34	11.60
23															
24	NPT16+	I		TOTAL POPULATION, AGE 16 & OVER	163.55	166.00	168.35	170.92	172.45	174.25	175.94	177.64	179.40	181.21	182.70
25	NPT20+	I		TOTAL POPULATION, AGE 20 & OVER	146.63	149.17	151.66	154.20	156.64	158.98	161.23	163.28	165.09	166.78	168.36
26	NPT30.64	I		TOTAL POPULATION, AGES 30 - 64	84.13	85.51	86.85	88.35	89.95	91.59	93.24	94.84	96.53	98.29	100.08
27															
28	NCH	E		NUMBER OF HOUSEHOLDS	75.94	77.50	79.06	80.65	82.24	83.82	85.36	86.86	88.31	89.74	91.14
29	NCF	E		NUMBER OF FAMILIES	58.26	59.27	60.26	61.27	62.31	63.32	64.29	65.20	66.10	66.97	67.82
30	NCU	E		UNRELATED INDIVIDUALS	21.57	22.12	22.68	23.24	23.78	24.32	24.86	25.40	25.90	26.39	26.88
31															
32	NLM	E		ARMED FORCES	2.12	2.09	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
33															
34	NPC16+	I		CIVILIAN POPULATION, AGE 16 & OVER	161.44	163.92	166.28	168.45	170.38	172.18	173.87	175.57	177.33	179.14	180.63
35	NPCM16+	I		MALE, AGE 16 & OVER	77.64	78.80	79.88	80.81	81.61	82.39	83.12	83.92	84.77	85.65	86.18
36	NPCF16+	I		FEMALE, AGE 16 & OVER	83.79	85.11	86.40	87.63	88.77	89.79	90.75	91.65	92.56	93.49	94.44
37															
38	NLC	I		CIVILIAN LABOR FORCE	100.32	102.74	104.84	106.46	107.99	109.54	111.02	112.54	114.15	115.84	117.38
39	NLCM16+	A		MALE	58.50	59.76	60.65	60.81	61.33	61.86	62.36	62.92	63.53	64.18	64.66
40	NLCF16+	A		FEMALE	41.83	42.98	44.19	45.65	46.66	47.67	48.66	49.63	50.62	51.66	52.71
41															
42	NRLT+			PARTICIPATION RATE (PERCENT)	63.05	63.59	63.98	64.13	64.32	64.56	64.80	65.06	65.34	65.64	65.97
43	NRLTM16++			MALE	77.79	78.25	78.27	77.47	77.26	77.12	77.00	76.95	76.94	76.93	76.89
44	NRLTF16++			FEMALE	49.84	50.45	51.16	52.16	52.72	53.30	53.87	54.41	54.95	55.52	56.17
45															
46	NEMT+			TOTAL EMPLOYMENT	94.26	96.38	98.07	100.64	103.02	105.02	106.61	108.25	109.64	110.99	112.31
47	NUT	I		TOTAL UNEMPLOYMENT	6.07	6.36	6.77	5.82	4.98	4.52	4.41	4.30	4.51	4.85	5.07
48															
49	NRUT	I		UNEMPLOYMENT RATE (PERCENT)	6.05	6.19	6.46	5.47	4.61	4.13	3.97	3.82	3.95	4.19	4.32

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TABLE 14.20 POPULATION AND LABOR FORCE, GROWTH RATES

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NPT		I	TOTAL POPULATION	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9
2															
3	NPT00.04		E	TOTAL POPULATION, AGES 00 - 04	0.8	2.1	2.6	3.7	3.9	3.5	2.9	2.2	1.5	0.9	0.6
4	NPT05.09		E	TOTAL POPULATION, AGES 05 - 09	-1.6	-2.3	-2.4	-3.3	-1.0	0.8	2.1	2.5	3.7	3.8	3.5
5	NPT10.14		E	TOTAL POPULATION, AGES 10 - 14	-3.2	-2.8	-1.5	0.2	-1.0	-1.6	-2.3	-2.4	-3.2	-1.0	0.7
6	NPT15.19		I	TOTAL POPULATION, AGES 15 - 19	-0.5	-0.7	-1.5	-2.9	-3.0	-3.2	-2.8	-1.4	0.2	-1.0	-1.6
7	NPT15		E	TOTAL POPULATION, AGE 15	-1.6	-1.4	-4.2	-5.5	-2.7	-2.3	1.3	2.4	2.2	-0.3	-5.4
8	NPT16.17		I	TOTAL POPULATION, AGES 16 - 17	-0.2	-1.7	-1.5	-2.8	-4.8	-4.1	-2.5	-0.5	1.9	2.3	-3.1
9	NPT18.19		I	TOTAL POPULATION, AGES 18 - 19	-0.3	0.6	-0.2	-1.7	-1.5	-2.8	-4.8	-4.1	-2.5	-0.5	1.9
10	NPT20.24		I	TOTAL POPULATION, AGES 20 - 24	1.9	1.3	0.9	0.9	-0.1	-0.5	-0.7	-1.5	-2.9	-1.0	-3.2
11	NPT25.29		I	TOTAL POPULATION, AGES 25 - 29	1.7	2.2	2.6	2.1	2.3	1.8	1.3	0.9	0.9	-0.2	-0.5
12	NPT30.34		I	TOTAL POPULATION, AGES 30 - 34	3.1	4.2	4.1	5.2	-0.3	1.7	2.2	2.5	2.1	2.3	1.8
13	NPT35.39		I	TOTAL POPULATION, AGES 35 - 39	5.8	4.0	3.3	1.8	7.9	3.2	4.2	4.2	5.1	-0.3	1.7
14	NPT40.44		I	TOTAL POPULATION, AGES 40 - 44	1.1	1.6	1.6	2.5	3.6	5.8	4.0	3.3	1.8	7.9	3.2
15	NPT45.49		I	TOTAL POPULATION, AGES 45 - 49	-1.3	-1.4	-1.6	-0.3	0.4	1.1	1.6	1.6	2.5	3.6	5.8
16	NPT50.54		I	TOTAL POPULATION, AGES 50 - 54	-0.5	-0.8	-0.5	-1.1	-1.2	-1.3	-1.3	-1.5	-0.2	0.4	1.1
17	NPT55.59		I	TOTAL POPULATION, AGES 55 - 59	1.9	1.1	0.2	0.1	-0.8	-0.5	-0.8	-0.5	-1.1	-1.3	-1.3
18	NPT60.64		I	TOTAL POPULATION, AGES 60 - 64	0.7	1.5	2.4	2.1	2.7	1.9	1.1	0.2	0.1	-0.8	-0.5
19	NPT65.69		I	TOTAL POPULATION, AGES 65 - 69	1.4	1.1	0.5	0.8	0.6	0.7	1.5	2.5	2.2	2.8	1.9
20	NPT70+		I	TOTAL POPULATION, AGES 70 AND OVER	2.6	2.6	2.8	2.3	2.2	2.2	2.1	2.0	1.8	1.6	1.7
21	NPT70.74		I	TOTAL POPULATION, AGES 70 - 74	3.6	3.2	3.5	2.2	1.9	1.4	1.2	0.6	0.8	0.6	0.8
22	NPT75+		I	TOTAL POPULATION, AGES 75 & OVER	2.0	2.1	2.4	2.4	2.4	2.8	2.7	3.0	2.4	2.3	2.3
23															
24	NPT16+		I	TOTAL POPULATION, AGE 16 & OVER	1.6	1.5	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.8
25	NPT20+		I	TOTAL POPULATION, AGE 20 & OVER	1.8	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
26	NPT30.64		I	TOTAL POPULATION, AGES 30 - 64	1.7	1.6	1.6	1.7	1.8	1.8	1.8	1.7	1.8	1.8	1.8
27															
28	NCH		E	NUMBER OF HOUSEHOLDS	2.1	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.6
29	NCF		E	NUMBER OF FAMILIES	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.3
30	NCU		E	UNRELATED INDIVIDUALS	2.6	2.6	2.5	2.5	2.3	2.3	2.2	2.2	2.0	1.9	1.8
31															
32	NLM		E	ARMED FORCES	-0.8	-1.4	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33															
34	NPC16+		I	CIVILIAN POPULATION, AGE 16 & OVER	1.6	1.5	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	0.8
35	NPCM16+		I	MALE, AGE 16 & OVER	3.2	1.5	1.4	1.2	1.0	1.0	0.9	1.0	1.0	1.0	0.6
36	NPCF16+		I	FEMALE, AGE 16 & OVER	0.1	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0
37															
38	NLC		I	CIVILIAN LABOR FORCE	3.0	2.4	2.0	1.5	1.4	1.4	1.3	1.4	1.4	1.5	1.3
39	NLCM16+		B	MALE	1.8	2.2	1.5	0.3	0.9	0.9	0.8	0.9	1.0	1.0	0.8
40	NLCF16+		B	FEMALE	4.7	2.7	2.8	3.3	2.2	2.2	2.1	2.0	2.0	2.1	2.0
41															
42	NEMT+			TOTAL EMPLOYMENT	4.1	2.3	1.8	2.6	2.4	1.9	1.5	1.5	1.3	1.2	1.2
43	NUT		I	TOTAL UNEMPLOYMENT	-11.5	4.8	6.5	-14.1	-14.5	-9.2	-2.4	-2.6	5.0	7.5	4.4

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TABLE 14.50 LABOR FORCE PARTICIPATION RATES (FRACTIONS)

LINE	VAR	LABEL	T Y P E	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NRLTM16+		I	MALE, TOTAL-------	0.7779	10.7825	0.7827	0.7747	0.7726	0.7712	0.7700	0.7695	0.7694	0.7693	0.7689
2	NRLTM16,19		B	AGES 16 TO 19---	0.6201	10.6194	0.6199	0.6241	0.6307	0.6379	0.6401	0.6429	0.6450	0.6456	0.6394
3	NRLTM20,24		B	AGES 20 TO 24---	0.8569	10.8551	0.8548	0.8416	0.8377	0.8348	0.8332	0.8315	0.8299	0.8289	0.8272
4	NRLTM25,34		B	AGES 25 TO 34---	0.9495	10.9535	0.9545	0.9499	0.9484	0.9482	0.9493	0.9503	0.9517	0.9538	0.9557
5	NRLTM35,44		B	AGES 35 TO 34---	0.9555	10.9609	0.9619	0.9495	0.9475	0.9467	0.9471	0.9474	0.9481	0.9495	0.9506
6	NRLTM45,54		B	AGES 45 TO 54---	0.9149	10.9219	0.9223	0.9104	0.9076	0.9060	0.9052	0.9043	0.9039	0.9042	0.9046
7	NRLTM55,64		B	AGES 55 TO 64---	0.7351	10.7489	0.7444	0.7235	0.7069	0.6916	0.6760	0.6717	0.6679	0.6649	0.6624
8	NRLTM65+		B	AGES 65 AND OVER	0.2044	10.2022	0.1999	0.1950	0.1904	0.1860	0.1817	0.1771	0.1726	0.1683	0.1642
9																
10	NRLTF16+		I	FEMALE,TOTAL------	0.4984	10.5045	0.5116	0.5216	0.5272	0.5330	0.5387	0.5441	0.5495	0.5552	0.5617
11	NRLTF16,19		B	AGES 16 TO 19---	0.5362	10.5348	0.5409	0.5600	0.5858	0.5915	0.5960	0.6189	0.6273	0.6309	0.6303
12	NRLTF20,24		B	AGES 20 TO 24---	0.6812	10.6916	0.6989	0.7110	0.7116	0.7159	0.7218	0.7247	0.7295	0.7367	0.7468
13	NRLTF25,34		B	AGES 25 TO 34---	0.6206	10.6289	0.6435	0.6556	0.6562	0.6602	0.6656	0.6677	0.6708	0.6759	0.6833
14	NRLTF35,44		B	AGES 35 TO 44---	0.6151	10.6242	0.6327	0.6531	0.6690	0.6847	0.6981	0.7077	0.7172	0.7271	0.7388
15	NRLTF45,54		B	AGES 45 TO 54---	0.5671	10.5701	0.5749	0.5809	0.5839	0.5918	0.6042	0.6173	0.6344	0.6501	0.6655
16	NRLTF55,64		B	AGES 55 TO 64---	0.4148	10.4280	0.4328	0.4354	0.4373	0.4410	0.4402	0.4411	0.4426	0.4444	0.4468
17	NRLTF65+		B	AGES 65 AND OVER	0.0835	10.0832	0.0842	0.0839	0.0837	0.0841	0.0844	0.0843	0.0843	0.0847	0.0855
18																
19	NRLT		I	BOTH SEXES, TOTAL-	0.6305	10.6359	0.6398	0.6413	0.6432	0.6456	0.6480	0.6506	0.6534	0.6564	0.6597
20	NRLT16,19		I	AGES 16 TO 19---	0.5778	10.5768	0.5802	0.5918	0.6081	0.6145	0.6178	0.6308	0.6361	0.6382	0.6348
21	NRLT20,24		I	AGES 20 TO 24---	0.7658	10.7704	0.7740	0.7740	0.7724	0.7732	0.7755	0.7762	0.7778	0.7810	0.7854
22	NRLT25,34		I	AGES 25 TO 34---	0.7805	10.7870	0.7951	0.7991	0.7987	0.8007	0.8040	0.8056	0.8079	0.8116	0.8163
23	NRLT35,44		I	AGES 35 TO 44---	0.7788	10.7862	0.7911	0.7959	0.8034	0.8113	0.8185	0.8237	0.8290	0.8349	0.8415
24	NRLT45,54		I	AGES 45 TO 54---	0.7350	10.7401	0.7430	0.7404	0.7406	0.7439	0.7499	0.7562	0.7648	0.7730	0.7812
25	NRLT55,64		I	AGES 55 TO 64---	0.5660	10.5795	0.5800	0.5716	0.5648	0.5596	0.5520	0.5505	0.5497	0.5493	0.5495
26	NRLT65+		I	AGES 65 AND OVER	0.1330	10.1319	0.1314	0.1292	0.1272	0.1256	0.1239	0.1220	0.1202	0.1186	0.1174

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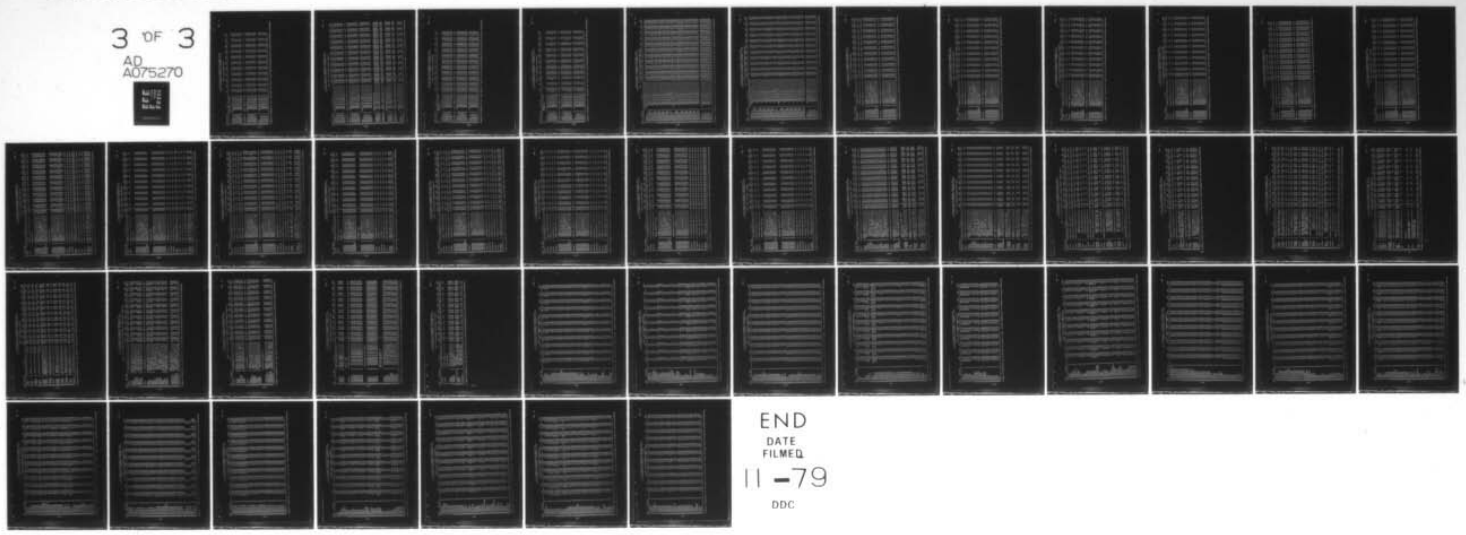
TABLE 14.40 LABOR FORCE

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1				LABOR FORCE (MILLIONS)											
2															
3	NLCM16+		B	MALE, TOTAL---------	58.497	59.762	60.653	60.814	61.333	61.864	62.360	62.919	63.530	64.175	64.662
4	NLCM16,19		B	AGES 16 TO 19------	5.0541	5.024	4.988	4.903	4.794	4.676	4.509	4.419	4.417	4.468	4.396
5	NLCM20,24		B	AGES 20 TO 24------	8.0251	8.130	8.206	8.163	8.111	8.039	7.964	7.816	7.560	7.301	7.035
6	NLCM25,34		B	AGES 25 TO 34------	15.281	15.858	16.429	16.948	17.106	17.420	17.749	18.075	18.375	18.605	18.762
7	NLCM35,44		B	AGES 35 TO 34------	10.991	11.386	11.690	11.800	12.508	13.064	13.620	14.152	14.692	15.213	15.605
8	NLCM45,54		B	AGES 45 TO 54------	10.137	10.115	10.028	9.837	9.767	9.735	9.739	9.731	9.837	10.042	10.409
9	NLCM55,64		B	AGES 55 TO 64------	7.0981	7.324	7.372	7.241	7.142	7.039	6.898	6.854	6.792	6.699	6.621
10	NLCM65+		B	AGES 65 AND OVER---	1.9101	1.925	1.940	1.922	1.905	1.891	1.879	1.872	1.858	1.848	1.833
11															
12	NLCM25,54		I	MALE, AGES 25 TO 54-	36.410	37.359	38.147	38.585	39.381	40.219	41.109	41.958	42.903	43.860	44.776
13															
14	NLCF16+		B	FEMALE,TOTAL--------	41.827	42.977	44.192	45.646	46.660	47.675	48.656	49.625	50.619	51.664	52.715
15	NLCF16,19		B	AGES 16 TO 19------	4.4421	4.403	4.414	4.468	4.530	4.417	4.287	4.343	4.385	4.445	4.412
16	NLCF20,24		B	AGES 20 TO 24------	6.8661	7.067	7.206	7.400	7.396	7.403	7.403	7.323	7.160	7.013	6.884
17	NLCF25,34		B	AGES 25 TO 34------	10.546	11.018	11.644	12.290	12.432	12.733	13.057	13.318	13.577	13.824	14.065
18	NLCF35,44		B	AGES 35 TO 44------	7.6371	7.976	8.290	8.735	9.467	10.107	10.722	11.276	11.836	12.387	12.882
19	NLCF45,54		B	AGES 45 TO 54------	6.7331	6.687	6.667	6.689	6.692	6.775	6.928	7.082	7.365	7.702	8.163
20	NLCF55,64		B	AGES 55 TO 64------	4.4781	4.680	4.788	4.864	4.923	4.992	4.984	4.981	4.968	4.934	4.910
21	NLCF65+		B	AGES 65 AND OVER---	1.1251	1.146	1.183	1.201	1.219	1.246	1.276	1.302	1.328	1.360	1.399
22															
23	NLC		I	BOTH SEXES, TOTAL----	100.324	102.739	104.844	106.460	107.993	109.538	111.016	112.544	114.149	115.839	117.376
24	NLC16,19		I	AGES 16 TO 19------	9.4961	9.427	9.402	9.371	9.324	9.094	8.796	8.762	8.802	8.913	8.808
25	NLC20,24		I	AGES 20 TO 24------	14.891	15.197	15.412	15.563	15.507	15.443	15.367	15.140	14.720	14.314	13.919
26	NLC25,34		I	AGES 25 TO 34------	25.827	26.876	28.073	29.238	29.538	30.153	30.806	31.392	31.952	32.429	32.827
27	NLC35,44		I	AGES 35 TO 44------	18.628	19.362	19.980	20.535	21.975	23.171	24.342	25.428	26.527	27.600	28.487
28	NLC45,54		I	AGES 45 TO 54------	16.870	16.802	16.695	16.526	16.459	16.510	16.668	16.813	17.202	17.743	18.572
29	NLC55,64		I	AGES 55 TO 64------	11.576	12.004	12.159	12.104	12.065	12.031	11.881	11.835	11.761	11.632	11.531

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TABLE 14.40 LABOR FORCE

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1				LABOR FORCE (% CHANGE)											
2															
3	NLCM16+		B	MALE, TOTAL---------	1.81	2.2	1.5	0.3	0.9	0.9	0.8	0.9	1.0	1.0	0.8
4	NLCM16,19		B	AGES 16 TO 19-----	1.31	-0.6	-0.7	-1.7	-2.2	-2.5	-3.6	-2.0	-0.0	1.2	-1.6
5	NLCM20,24		B	AGES 20 TO 24-----	1.91	1.3	0.9	-0.5	-0.6	-0.9	-0.9	-1.9	-3.3	-3.4	-3.6
6	NLCM25,34		B	AGES 25 TO 34-----	2.61	3.8	3.6	3.2	0.9	1.8	1.9	1.8	1.7	1.3	0.8
7	NLCM35,44		B	AGES 35 TO 34-----	3.51	3.6	2.7	0.9	6.0	4.4	4.3	3.9	3.8	3.6	2.6
8	NLCM45,54		B	AGES 45 TO 54-----	-0.51	-0.2	-0.9	-1.9	-0.7	-0.3	0.0	-0.1	1.1	2.1	3.7
9	NLCM55,64		B	AGES 55 TO 64-----	0.81	3.2	0.7	-1.8	-1.4	-1.4	-2.0	-0.6	-0.9	-1.4	-1.2
10	NLCM65+		B	AGES 65 AND OVER--	3.51	0.8	0.7	-0.9	-0.9	-0.7	-0.6	-0.4	-0.8	-0.5	-0.8
11															
12	NLCM25,54	I		MALE, AGES 25 TO 54-	2.01	2.6	2.1	1.1	2.1	2.1	2.2	2.1	2.3	2.2	2.1
13															
14	NLCF16+		B	FEMALE,TOTAL--------	4.71	2.7	2.8	3.3	2.2	2.2	2.1	2.0	2.0	2.1	2.0
15	NLCF16,19		B	AGES 16 TO 19-----	4.11	-0.9	0.2	1.2	1.4	-2.5	-3.0	1.3	1.0	1.4	-0.7
16	NLCF20,24		B	AGES 20 TO 24-----	4.71	2.9	2.0	2.7	-0.1	0.1	0.0	-1.1	-2.2	-2.1	-1.8
17	NLCF25,34		B	AGES 25 TO 34-----	7.11	4.5	5.7	5.5	1.2	2.4	2.5	2.0	1.9	1.8	1.7
18	NLCF35,44		B	AGES 35 TO 44-----	6.81	4.4	3.9	5.4	8.4	6.8	6.1	5.2	5.0	4.7	4.0
19	NLCF45,54		B	AGES 45 TO 54-----	0.51	-0.7	-0.3	0.3	0.1	1.2	2.3	2.2	4.0	4.6	6.0
20	NLCF55,64		B	AGES 55 TO 64-----	2.51	4.5	2.3	1.6	1.2	1.4	-0.2	-0.1	-0.3	-0.7	-0.5
21	NLCF65+		B	AGES 65 AND OVER--	5.61	1.9	3.3	1.6	1.5	2.2	2.4	2.1	2.0	2.4	2.8
22															
23	NLC		I	BOTH SEXES, TOTAL---	3.01	2.4	2.0	1.5	1.4	1.4	1.3	1.4	1.4	1.5	1.3
24	NLC16,19		I	AGES 16 TO 19-----	2.61	-0.7	-0.3	-0.3	-0.5	-2.5	-3.3	-0.4	0.5	1.3	-1.2
25	NLC20,24		I	AGES 20 TO 24-----	3.21	2.1	1.4	1.0	-0.4	-0.4	-0.5	-1.5	-2.8	-2.8	-2.8
26	NLC25,34		I	AGES 25 TO 34-----	4.41	4.1	4.5	4.1	1.0	2.1	2.2	1.9	1.8	1.5	1.2
27	NLC35,44		I	AGES 35 TO 44-----	4.81	3.9	3.2	2.8	7.0	5.4	5.1	4.5	4.3	4.0	3.2
28	NLC45,54		I	AGES 45 TO 54-----	-0.11	-0.4	-0.6	-1.0	-0.4	0.3	1.0	0.9	2.3	3.1	4.7
29	NLC55,64		I	AGES 55 TO 64-----	1.51	3.7	1.3	-0.5	-0.3	-0.3	-1.2	-0.4	-0.6	-1.1	-0.9

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TABLE 14.50 UNEMPLOYMENT RATES (PERCENT)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NRUTM16+	I	MALE, TOTAL	5.201	5.35	5.69	4.78	4.03	3.61	3.52	3.41	3.57	3.80	3.93
2	NRUTM16,19	B	AGES 16 TO 19	15.501	15.89	16.25	14.09	12.17	11.20	10.97	10.69	11.20	12.07	12.77
3	NRUTM20,24	B	AGES 20 TO 24	9.091	9.31	10.05	8.56	7.21	6.51	6.42	6.28	6.64	7.12	7.39
4	NRUTM25,34	B	AGES 25 TO 34	4.211	4.40	4.89	4.05	3.42	3.06	2.99	2.90	3.04	3.23	3.34
5	NRUTM35,44	B	AGES 35 TO 34	2.881	3.04	3.28	2.71	2.28	2.04	2.02	1.98	2.10	2.25	2.34
6	NRUTM45,54	B	AGES 45 TO 54	2.791	2.89	3.01	2.49	2.09	1.87	1.86	1.85	1.98	2.14	2.22
7	NRUTM55,64	B	AGES 55 TO 64	2.791	2.98	3.16	2.62	2.27	2.08	2.07	2.05	2.20	2.39	2.55
8	NRUTM65+	B	AGES 65 AND OVER	4.591	4.68	4.85	4.08	3.49	3.18	3.10	3.00	3.13	3.36	3.53
9														
10	NRUTM25,54	I	MALE, AGES 25 TO 54	3.421	3.57	3.90	3.24	2.73	2.44	2.40	2.34	2.48	2.64	2.73
11														
12	NRUTF16+	I	FEMALE, TOTAL	7.231	7.35	7.52	6.38	5.37	4.79	4.56	4.34	4.44	4.67	4.80
13	NRUTF16,19	B	AGES 16 TO 19	17.101	17.02	16.98	14.77	12.72	11.64	11.18	10.71	10.99	11.70	12.29
14	NRUTF20,24	B	AGES 20 TO 24	10.291	10.41	10.67	9.05	7.55	6.73	6.39	6.04	6.15	6.42	6.55
15	NRUTF25,34	B	AGES 25 TO 34	6.761	6.92	7.14	6.03	5.07	4.55	4.36	4.16	4.27	4.50	4.64
16	NRUTF35,44	B	AGES 35 TO 44	5.011	5.17	5.34	4.50	3.81	3.43	3.31	3.18	3.30	3.50	3.63
17	NRUTF45,54	B	AGES 45 TO 54	4.121	4.33	4.52	3.80	3.21	2.89	2.80	2.69	2.80	2.97	3.09
18	NRUTF55,64	B	AGES 55 TO 64	3.171	3.50	3.70	3.09	2.61	2.34	2.28	2.20	2.30	2.45	2.54
19	NRUTF65+	B	AGES 65 AND OVER	3.941	4.15	4.28	3.63	3.04	2.72	2.59	2.46	2.51	2.63	2.70
20														
21	NRUT	I	BOTH SEXES, TOTAL	6.051	6.19	6.46	5.47	4.61	4.13	3.97	3.82	3.95	4.19	4.32
22	NRUT16,19	I	AGES 16 TO 19	16.251	16.42	16.60	14.42	12.44	11.42	11.07	10.70	11.09	11.89	12.53
23	NRUT20,24	I	AGES 20 TO 24	9.641	9.82	10.34	8.79	7.37	6.62	6.40	6.17	6.40	6.78	6.98
24	NRUT25,34	I	AGES 25 TO 34	5.251	5.43	5.83	4.89	4.11	3.69	3.57	3.43	3.56	3.77	3.90
25	NRUT35,44	I	AGES 35 TO 44	3.751	3.91	4.14	3.47	2.94	2.65	2.59	2.51	2.64	2.81	2.92
26	NRUT45,54	I	AGES 45 TO 54	3.321	3.46	3.61	3.02	2.54	2.29	2.25	2.20	2.33	2.50	2.60
27	NRUT55,64	I	AGES 55 TO 64	2.941	3.18	3.37	2.81	2.41	2.19	2.16	2.11	2.24	2.42	2.54
28	NRUT65+	I	AGES 65 AND OVER	4.351	4.49	4.63	3.91	3.32	2.99	2.89	2.78	2.87	3.05	3.17
29														
30			SCHOOL ENROLLMENT RATES											
31	NPSRM16,19	I	MALE, AGES 16 TO 19	0.6973	0.6937	0.6970	0.7040	0.7025	0.6993	0.6991	0.6955	0.6930	0.6940	0.7067
32	NPSRM16,17	I	MALE, AGES 16 TO 17	0.8950	0.8877	0.8905	0.8914	0.8910	0.8897	0.8881	0.8873	0.8878	0.8888	0.8896
33	NPSRM18,19	I	MALE, AGES 18 TO 19	0.4884	0.4837	0.4890	0.4894	0.4825	0.4797	0.4775	0.4785	0.4839	0.4902	0.4985
34	NPSRM20,24	I	MALE, AGES 20 TO 24	0.2599	0.2584	0.2604	0.2621	0.2647	0.2666	0.2669	0.2667	0.2670	0.2671	0.2680
35														
36	NPSRF16,19	I	FEMALE, AGES 16 TO 19	0.6613	0.6736	0.6795	0.6691	0.6474	0.6452	0.6460	0.6360	0.6369	0.6429	0.6538
37	NPSRF20,24	I	FEMALE, AGES 20 TO 24	0.2047	0.2140	0.2213	0.2237	0.2233	0.2241	0.2265	0.2297	0.2334	0.2384	0.2435
38														
39			SCHOOL ENROLLMENTS (MILLIONS)											
40	NPSM16,19	I	MALE, AGES 16 TO 19	5.631	5.618	5.589	5.412	5.196	4.987	4.803	4.734	4.768	4.873	4.831
41	NPSM16,17	B	MALE, AGES 16 TO 17	3.730	3.681	3.634	3.529	3.352	3.209	3.123	3.109	3.170	3.255	3.154
42	NPSM18,19	B	MALE, AGES 18 TO 19	1.900	1.937	1.955	1.884	1.844	1.778	1.680	1.625	1.598	1.618	1.677
43	NPSM20,24	B	MALE, AGES 20 TO 24	2.413	2.472	2.508	2.559	2.579	2.572	2.547	2.510	2.431	2.356	2.287
44														
45	NPSF16,19	B	FEMALE, AGES 16 TO 19	5.554	5.598	5.538	5.186	4.966	4.862	4.575	4.461	4.469	4.580	4.629
46	NPSF20,24	B	FEMALE, AGES 20 TO 24	2.127	2.248	2.308	2.323	2.322	2.331	2.345	2.342	2.323	2.303	2.275
47														
48			FERTILITY RATES (BIRTHS/THOUSAND)											
49	NPER	E	TOTAL	1837.1	1859.	1871.	1917.	1944.	1962.	1978.	1994.	2008.	2021.	2035.
50	NPER15,19	E	AGES 15 TO 19	55.1	55.	56.	56.	56.	55.	54.	53.	52.	51.	51.
51	NPER20,24	E	AGES 20 TO 24	118.1	121.	124.	128.	131.	134.	136.	137.	138.	139.	140.

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TABLE 14.60 NUMBER OF UNEMPLOYED

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1				NUMBER OF UNEMPLOYED											
2				(MILLIONS)											
3															
4	NUTM16+		I	MALE, TOTAL--------	3.0421	3.199	3.452	2.910	2.470	2.235	2.194	2.143	2.266	2.440	2.539
5	NUTM16,19		B	AGES 16 TO 19----	0.7831	0.798	0.811	0.691	0.584	0.524	0.495	0.472	0.495	0.539	0.561
6	NUTM20,24		B	AGES 20 TO 24----	0.7291	0.757	0.825	0.699	0.585	0.523	0.511	0.491	0.502	0.519	0.520
7	NUTM25,34		B	AGES 25 TO 34----	0.6441	0.697	0.804	0.687	0.585	0.533	0.531	0.524	0.558	0.601	0.627
8	NUTM35,44		B	AGES 35 TO 44----	0.3171	0.346	0.384	0.320	0.285	0.267	0.275	0.280	0.309	0.343	0.364
9	NUTM45,54		B	AGES 45 TO 54----	0.2831	0.292	0.302	0.245	0.204	0.182	0.182	0.180	0.195	0.215	0.232
10	NUTM55,64		B	AGES 55 TO 64----	0.1981	0.218	0.233	0.190	0.162	0.146	0.143	0.140	0.149	0.160	0.169
11	NUTM65+		B	AGES 65 AND OVER-	0.0881	0.090	0.094	0.078	0.067	0.060	0.058	0.056	0.058	0.062	0.065
12															
13	NUTM25,54		I	MALE, AGES 25 TO 54	1.2441	1.335	1.489	1.252	1.073	0.982	0.987	0.983	1.062	1.159	1.223
14															
15	NUTF16+		I	FEMALE,TOTAL-------	3.0251	3.160	3.322	2.913	2.506	2.284	2.217	2.153	2.246	2.412	2.528
16	NUTF16,19		B	AGES 16 TO 19----	0.7601	0.749	0.750	0.660	0.576	0.514	0.479	0.465	0.482	0.520	0.542
17	NUTF20,24		B	AGES 20 TO 24----	0.7061	0.735	0.769	0.670	0.559	0.498	0.473	0.442	0.440	0.450	0.451
18	NUTF25,34		B	AGES 25 TO 34----	0.7131	0.763	0.832	0.742	0.631	0.579	0.569	0.554	0.580	0.622	0.652
19	NUTF35,44		B	AGES 35 TO 44----	0.3821	0.412	0.443	0.393	0.360	0.347	0.355	0.359	0.390	0.434	0.468
20	NUTF45,54		B	AGES 45 TO 54----	0.2781	0.289	0.301	0.254	0.215	0.196	0.194	0.191	0.206	0.229	0.252
21	NUTF55,64		B	AGES 55 TO 64----	0.1421	0.164	0.177	0.151	0.128	0.117	0.114	0.110	0.114	0.121	0.125
22	NUTF65+		B	AGES 65 AND OVER-	0.0441	0.048	0.051	0.044	0.037	0.034	0.033	0.032	0.033	0.036	0.038
23															
24	NUT		I	BOTH SEXES, TOTAL--	6.0671	6.359	6.774	5.822	4.976	4.519	4.411	4.296	4.513	4.852	5.067
25	NUT16,19		I	AGES 16 TO 19----	1.5431	1.548	1.560	1.351	1.160	1.038	0.974	0.937	0.977	1.059	1.104
26	NUT20,24		I	AGES 20 TO 24----	1.4351	1.492	1.594	1.368	1.143	1.022	0.984	0.934	0.942	0.970	0.971
27	NUT25,34		I	AGES 25 TO 34----	1.3571	1.460	1.636	1.429	1.215	1.112	1.100	1.078	1.138	1.224	1.280
28	NUT45,54		I	AGES 45 TO 54----	0.5611	0.582	0.603	0.499	0.418	0.377	0.375	0.370	0.401	0.444	0.483
29	NUT55,64		I	AGES 55 TO 64----	0.3401	0.382	0.410	0.340	0.290	0.263	0.256	0.250	0.264	0.281	0.293
30	NUT65+		I	AGES 65 AND OVER-	0.1321	0.138	0.145	0.122	0.104	0.094	0.091	0.088	0.092	0.098	0.102

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TABLE 14.60 NUMBER OF UNEMPLOYED

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			NUMBER OF UNEMPLOYED											
2			(% CHANGE)											
3														
4	NUTM16+	I	MALE, TOTAL--------	-15.01	5.2	7.9	-15.7	-15.1	-9.5	-1.8	-2.3	5.7	7.7	4.1
5	NUTM16.19	B	AGES 16 TO 19----	-9.21	1.9	1.6	-14.8	-15.5	-10.2	-5.6	-4.5	4.7	9.0	4.1
6	NUTM20.24	B	AGES 20 TO 24----	-13.51	3.8	9.0	-15.3	-16.3	-10.5	-2.4	-3.9	2.2	3.5	0.1
7	NUTM25.34	B	AGES 25 TO 34----	-22.81	8.3	15.3	-14.5	-14.9	-8.8	-0.5	-1.3	6.6	7.7	4.3
8	NUTM35.44	B	AGES 35 TO 44----	-14.81	9.3	10.9	-16.6	-10.9	-6.5	3.0	1.9	10.3	11.0	6.4
9	NUTM45.54	B	AGES 45 TO 54----	-11.21	3.3	3.3	-19.1	-16.7	-10.7	-0.1	-1.1	8.7	10.1	7.8
10	NUTM55.64	B	AGES 55 TO 64----	-19.61	10.0	6.7	-18.4	-14.8	-9.8	-2.2	-1.7	6.2	7.4	5.3
11	NUTM65+	B	AGES 65 AND OVER-	-8.61	2.9	4.3	-16.7	-15.1	-9.8	-3.1	-3.5	3.7	6.5	4.3
12														
13	NUTM25.54	I	MALE, AGES 25 TO 54	-18.81	7.4	11.5	-16.0	-14.3	-8.5	0.5	-0.4	8.0	9.1	5.6
14														
15	NUTF16+	I	FEMALE,TOTAL-------	-7.71	4.5	5.1	-12.3	-14.0	-8.9	-2.9	-2.9	4.4	7.4	4.8
16	NUTF16.19	B	AGES 16 TO 19----	-2.81	-1.3	0.0	-11.9	-12.7	-10.8	-6.8	-3.0	3.6	7.9	4.3
17	NUTF20.24	B	AGES 20 TO 24----	-3.81	4.1	4.6	-12.9	-16.6	-10.8	-5.1	-6.5	-0.5	2.4	0.2
18	NUTF25.34	B	AGES 25 TO 34----	-6.01	6.9	9.1	-10.8	-15.0	-8.2	-1.7	-2.7	4.8	7.3	4.8
19	NUTF35.44	B	AGES 35 TO 44----	-7.81	7.8	7.5	-11.3	-8.3	-3.9	2.5	1.1	8.8	11.1	7.9
20	NUTF45.54	B	AGES 45 TO 54----	-18.71	4.2	4.1	-15.7	-15.5	-8.9	-0.9	-1.5	8.1	11.1	10.0
21	NUTF55.64	B	AGES 55 TO 64----	-27.71	15.3	8.1	-14.9	-14.7	-8.9	-2.8	-3.3	4.2	5.6	3.1
22	NUTF65+	B	AGES 65 AND OVER-	-11.41	7.4	6.5	-14.0	-15.0	-8.7	-2.5	-3.2	4.1	7.4	5.4
23														
24	NUT	I	BOTH SEXES, TOTAL--	-11.51	4.8	6.5	-14.1	-14.5	-9.2	-2.4	-2.6	5.0	7.5	4.4
25	NUT16.19	I	AGES 16 TO 19----	-6.11	0.3	0.8	-13.4	-14.1	-10.5	-6.2	-3.8	4.2	8.5	4.2
26	NUT20.24	I	AGES 20 TO 24----	-9.01	4.0	6.8	-14.1	-16.5	-10.6	-3.7	-5.1	0.9	3.0	0.2
27	NUT25.34	I	AGES 25 TO 34----	-14.81	7.6	12.0	-12.6	-15.0	-8.5	-1.1	-2.0	5.6	7.5	4.6
28	NUT35.44	I	AGES 35 TO 44----	-11.11	8.5	9.0	-13.7	-9.5	-5.0	2.7	1.4	9.4	11.0	7.3
29	NUT45.54	I	AGES 45 TO 54----	-16.01	3.7	3.7	-17.4	-16.1	-9.8	-0.5	-1.3	8.4	10.6	8.9
30	NUT55.64	I	AGES 55 TO 64----	-23.21	12.2	7.3	-16.9	-14.7	-9.4	-2.5	-2.4	5.3	6.6	4.4
31	NUT65+	I	AGES 65 AND OVER-	-9.61	4.4	5.0	-15.7	-15.0	-9.4	-2.9	-3.4	3.8	6.8	4.7

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TABLE 14.70 CIVILIAN NONINSTITUTIONAL POPULATION

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1		CIV NONINST POPULATION (MILLIONS)											
2	NPCNM16+	MALE, TOTAL	75,197	76,376	77,491	78,496	79,390	80,217	80,990	81,766	82,576	83,418	84,095
3	NPCNM16,19	AGES 16 TO 19	8,150	8,111	8,047	7,856	7,602	7,331	7,045	6,873	6,848	6,921	6,875
4	NPCNM16,17P2	AGES 16 TO 17	4,207	4,136	4,077	3,959	3,765	3,611	3,520	3,503	3,568	3,658	3,547
5	NPCNM18,19P2	AGES 18 TO 19	3,943	3,975	3,970	3,897	3,837	3,720	3,525	3,370	3,279	3,262	3,328
6	NPCNM20,24	AGES 20 TO 24	9,365	9,508	9,600	9,699	9,682	9,630	9,558	9,400	9,109	8,808	8,505
7	NPCNM25,34	AGES 25 TO 34	16,095	16,631	17,212	17,842	18,037	18,371	18,697	19,020	19,307	19,507	19,632
8	NPCNM25,29P2	AGES 25 TO 29	8,533	8,737	8,979	9,171	9,391	9,569	9,696	9,780	9,873	9,855	9,803
9	NPCNM30,34P2	AGES 30 TO 34	7,562	7,894	8,233	8,671	8,646	8,802	9,001	9,241	9,433	9,652	9,829
10	NPCNM35,44	AGES 35 TO 44	11,503	11,850	12,154	12,428	13,200	13,799	14,381	14,938	15,495	16,022	16,416
11	NPCNM35,39P2	AGES 35 TO 39	6,128	6,388	6,607	6,737	7,298	7,543	7,867	8,207	8,635	8,604	8,754
12	NPCNM40,44P2	AGES 40 TO 44	5,375	5,462	5,547	5,691	5,902	6,256	6,514	6,731	6,860	7,417	7,662
13	NPCNM45,54	AGES 45 TO 54	11,081	10,971	10,873	10,805	10,761	10,745	10,759	10,761	10,883	11,105	11,507
14	NPCNM45,49P2	AGES 45 TO 49	5,456	5,384	5,301	5,280	5,296	5,350	5,434	5,517	5,659	5,866	6,213
15	NPCNM50,54P2	AGES 50 TO 54	5,624	5,588	5,572	5,526	5,465	5,395	5,325	5,244	5,224	5,240	5,294
16	NPCNM55,64	AGES 55 TO 64	9,656	9,780	9,903	10,008	10,103	10,178	10,204	10,204	10,169	10,075	9,995
17	NPCNM55,59P2	AGES 55 TO 59	5,305	5,369	5,385	5,392	5,353	5,338	5,303	5,289	5,246	5,187	5,119
18	NPCNM60,64P2	AGES 60 TO 64	4,351	4,411	4,518	4,616	4,750	4,841	4,901	4,915	4,924	4,888	4,875
19	NPCNM65+	AGES 65 AND OVER	9,347	9,525	9,703	9,857	10,005	10,163	10,345	10,570	10,765	10,981	11,166
20	NPCNM65,69P2	AGES 65 TO 69	3,701	3,750	3,773	3,805	3,828	3,858	3,915	4,015	4,105	4,225	4,304
21	NPCNM70+P2	AGES 70 AND OVER	5,645	5,774	5,930	6,053	6,177	6,305	6,430	6,554	6,660	6,756	6,862
22	NPCNF16+	FEMALE, TOTAL	83,923	85,181	86,384	87,504	88,507	89,445	90,324	91,210	92,126	93,062	93,841
23	NPCNF16,19	AGES 16 TO 19	8,284	8,233	8,159	7,979	7,732	7,468	7,192	7,017	6,990	7,045	6,999
24	NPCNF16,17P2	AGES 16 TO 17	4,107	4,035	3,972	3,864	3,681	3,528	3,438	3,419	3,484	3,559	3,447
25	NPCNF18,19P2	AGES 18 TO 19	4,177	4,198	4,188	4,115	4,051	3,941	3,753	3,598	3,506	3,486	3,552
26	NPCNF20,24	AGES 20 TO 24	10,080	10,218	10,310	10,408	10,394	10,341	10,257	10,105	9,816	9,520	9,217
27	NPCNF25,34	AGES 25 TO 34	16,994	17,519	18,096	18,745	18,947	19,286	19,618	19,945	20,240	20,452	20,584
28	NPCNF25,29P2	AGES 25 TO 29	9,015	9,209	9,444	9,643	9,870	10,055	10,190	10,281	10,375	10,359	10,307
29	NPCNF30,34P2	AGES 30 TO 34	7,979	8,310	8,652	9,102	9,076	9,232	9,428	9,664	9,865	10,094	10,277
30	NPCNF35,44	AGES 35 TO 44	12,416	12,779	13,103	13,374	14,151	14,761	15,359	15,934	16,503	17,037	17,436
31	NPCNF35,39P2	AGES 35 TO 39	6,644	6,909	7,134	7,260	7,822	8,069	8,402	8,753	9,198	9,168	9,321
32	NPCNF40,44P2	AGES 40 TO 44	5,772	5,870	5,968	6,115	6,329	6,691	6,957	7,181	7,305	7,869	8,115
33	NPCNF45,54	AGES 45 TO 54	11,873	11,730	11,598	11,514	11,462	11,448	11,466	11,472	11,609	11,848	12,266
34	NPCNF45,49P2	AGES 45 TO 49	5,787	5,705	5,614	5,606	5,635	5,697	5,795	5,890	6,035	6,245	6,601
35	NPCNF50,54P2	AGES 50 TO 54	6,086	6,025	5,984	5,908	5,827	5,751	5,671	5,582	5,575	5,602	5,664
36	NPCNF55,64	AGES 55 TO 64	10,795	10,933	11,063	11,170	11,258	11,321	11,320	11,293	11,225	11,101	10,990
37	NPCNF55,59P2	AGES 55 TO 59	5,827	5,887	5,898	5,901	5,852	5,813	5,755	5,717	5,644	5,566	5,492
38	NPCNF60,64P2	AGES 60 TO 64	4,968	5,047	5,164	5,269	5,406	5,508	5,566	5,576	5,581	5,535	5,499
39	NPCNF65+	AGES 65 AND OVER	13,480	13,768	14,054	14,314	14,563	14,819	15,111	15,444	15,742	16,060	16,349
40	NPCNF65,69P2	AGES 65 TO 69	4,686	4,732	4,753	4,787	4,816	4,848	4,926	5,044	5,151	5,286	5,383
41	NPCNF70+P2	AGES 70 AND OVER	8,794	9,036	9,301	9,527	9,747	9,971	10,185	10,400	10,592	10,774	10,966
42													
43	NPCN16+	BOTH SEXES, TOTAL	159,120	161,556	163,875	166,001	167,897	169,662	171,313	172,976	174,702	176,480	177,936
44	NPCN16,19	AGES 16 TO 19	16,434	16,343	16,206	15,835	15,334	14,799	14,237	13,890	13,838	13,966	13,874
45	NPCN20,24	AGES 20 TO 24	19,445	19,726	19,911	20,107	20,076	19,971	19,815	19,505	18,924	18,327	17,722
46	NPCN25,34	AGES 25 TO 34	33,089	34,150	35,308	36,588	36,984	37,657	38,315	38,965	39,547	39,959	40,216
47	NPCN35,44	AGES 35 TO 44	23,920	24,629	25,256	25,802	27,352	28,560	29,740	30,872	31,998	33,058	33,852
48	NPCN45,54	AGES 45 TO 54	22,954	22,702	22,471	22,319	22,223	22,193	22,225	22,233	22,492	22,953	23,773
49	NPCN55,64	AGES 55 TO 64	20,451	20,713	20,966	21,178	21,361	21,500	21,524	21,497	21,394	21,176	20,985
50	NPCN65+	AGES 65 AND OVER	22,826	23,293	23,757	24,172	24,568	24,982	25,456	26,014	26,508	27,041	27,515

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TABLE 14.70 CIVILIAN NONINSTITUTIONAL POPULATION

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1		CIV NONINST POPULATION (% CHANGE)											
2	NPCNM16+	MALE, TOTAL	1.71	1.6	1.5	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.8
3	NPCNM16.19	AGES 16 TO 19	-0.21	-0.5	-0.8	-2.4	-3.2	-3.6	-3.9	-2.4	-0.4	1.1	0.7
4	NPCNM16.17P2	AGES 16 TO 17	-0.21	-1.7	-1.4	-2.9	-4.9	-4.1	-2.5	-0.5	1.9	2.5	3.1
5	NPCNM18.19P2	AGES 18 TO 19	-0.21	0.8	-0.1	-1.8	-1.5	-3.0	-5.2	-4.4	-2.7	-0.5	2.0
6	NPCNM20.24	AGES 20 TO 24	1.81	1.5	1.0	1.0	-0.2	-0.5	-0.7	-1.7	-3.1	-3.3	-3.4
7	NPCNM25.34	AGES 25 TO 34	3.11	3.3	3.5	3.7	1.1	1.9	1.8	1.7	1.5	1.0	0.6
8	NPCNM25.29P2	AGES 25 TO 29	1.91	2.4	2.8	2.1	2.4	1.9	1.3	0.9	1.0	-0.2	-0.5
9	NPCNM30.34P2	AGES 30 TO 34	3.31	4.4	4.3	5.3	-0.3	1.8	2.3	2.7	2.1	2.3	1.8
10	NPCNM35.44	AGES 35 TO 44	3.71	3.0	2.6	2.3	6.2	4.5	4.2	3.9	3.7	3.4	2.5
11	NPCNM35.39P2	AGES 35 TO 39	6.21	4.2	3.4	2.0	8.3	5.3	4.3	4.3	5.2	-0.4	1.7
12	NPCNM40.44P2	AGES 40 TO 44	1.01	1.6	1.6	2.6	3.7	6.0	4.1	3.3	1.9	8.1	3.3
13	NPCNM45.54	AGES 45 TO 54	-0.91	-1.0	-0.9	-0.6	-0.4	-0.1	0.1	0.0	1.1	2.0	3.6
14	NPCNM45.49P2	AGES 45 TO 49	-1.31	-1.3	-1.5	-0.4	0.3	1.0	1.6	1.5	2.6	3.7	5.9
15	NPCNM50.54P2	AGES 50 TO 54	-0.31	-0.6	-0.3	-0.8	-1.1	-1.3	-1.3	-1.5	-0.4	0.3	1.0
16	NPCNM55.64	AGES 55 TO 64	1.41	1.3	1.3	1.1	0.9	0.8	0.3	-0.0	-0.3	-0.9	-0.8
17	NPCNM55.59P2	AGES 55 TO 59	1.91	1.2	0.3	0.1	-0.7	-0.3	-0.6	-0.3	-0.8	-1.1	-1.3
18	NPCNM60.64P2	AGES 60 TO 64	0.81	1.4	2.4	2.2	2.9	1.9	1.2	0.3	0.2	-0.7	-0.3
19	NPCNM65+	AGES 65 AND OVER	1.61	1.9	1.9	1.6	1.5	1.6	1.8	2.2	1.9	2.0	1.7
20	NPCNM65.69P2	AGES 65 TO 69	1.41	1.3	0.6	0.8	0.6	0.8	1.5	2.6	2.2	2.9	1.9
21	NPCNM70+P2	AGES 70 AND OVER	2.31	2.3	2.7	2.1	2.0	2.1	2.0	1.9	1.6	1.4	1.6
22	NPCNF16+	FEMALE, TOTAL	1.81	1.5	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	0.8
23	NPCNF16.19	AGES 16 TO 19	-0.21	-0.6	-0.9	-2.2	-3.1	-3.4	-3.7	-2.4	-0.4	0.8	-0.6
24	NPCNF16.17P2	AGES 16 TO 17	-0.21	-1.7	-1.6	-2.7	-4.7	-4.2	-2.5	-0.5	1.9	2.1	3.1
25	NPCNF18.19P2	AGES 18 TO 19	-0.21	0.5	-0.2	-1.7	-1.5	-2.7	-4.8	-4.1	-2.5	-0.6	1.9
26	NPCNF20.24	AGES 20 TO 24	2.21	1.4	0.9	0.9	-0.1	-0.5	-0.8	-1.5	-2.9	-3.0	-3.2
27	NPCNF25.34	AGES 25 TO 34	2.61	3.1	3.3	3.6	1.1	1.8	1.7	1.7	1.5	1.0	0.6
28	NPCNF25.29P2	AGES 25 TO 29	1.71	2.1	2.6	2.1	2.4	1.9	1.3	0.9	0.9	-0.2	-0.5
29	NPCNF30.34P2	AGES 30 TO 34	3.01	4.1	4.1	5.2	-0.3	1.7	2.1	2.5	2.1	2.3	1.8
30	NPCNF35.44	AGES 35 TO 44	3.41	2.9	2.5	2.1	5.8	4.3	4.1	3.7	3.6	3.2	2.3
31	NPCNF35.39P2	AGES 35 TO 39	5.81	4.0	3.3	1.8	7.8	5.2	4.1	4.2	5.1	-0.3	1.7
32	NPCNF40.44P2	AGES 40 TO 44	1.11	1.7	1.7	2.5	3.5	5.7	4.0	3.2	1.7	7.7	3.1
33	NPCNF45.54	AGES 45 TO 54	-1.11	-1.2	-1.1	-0.7	-0.4	-0.1	0.2	0.1	1.2	2.1	3.5
34	NPCNF45.49P2	AGES 45 TO 49	-1.31	-1.4	-1.6	-0.1	0.5	1.1	1.7	1.6	2.4	3.5	5.7
35	NPCNF50.54P2	AGES 50 TO 54	-0.71	-1.0	-0.7	-1.3	-1.4	-1.3	-1.4	-1.6	-0.1	0.5	1.1
36	NPCNF55.64	AGES 55 TO 64	1.41	1.3	1.2	1.0	0.8	0.6	-0.0	-0.2	-0.6	-1.1	-1.0
37	NPCNF55.59P2	AGES 55 TO 59	1.81	1.0	0.2	0.1	-0.8	-0.7	-1.0	-0.7	-1.3	-1.4	-1.3
38	NPCNF60.64P2	AGES 60 TO 64	0.71	1.6	2.3	2.0	2.6	1.9	1.0	0.2	0.1	-0.8	-0.7
39	NPCNF65+	AGES 65 AND OVER	3.11	2.1	2.1	1.9	1.7	1.8	2.0	2.2	1.9	2.0	1.8
40	NPCNF65.69P2	AGES 65 TO 69	1.41	1.0	0.4	0.7	0.6	0.7	1.6	2.4	2.1	2.6	1.8
41	NPCNF70+P2	AGES 70 AND OVER	2.81	2.8	2.9	2.4	2.3	2.3	2.2	2.1	1.8	1.7	1.8
42													
43	NPCN16+	BOTH SEXES, TOTAL	1.71	1.5	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	0.8
44	NPCN16.19	AGES 16 TO 19	-0.21	-0.6	-0.8	-2.3	-3.2	-3.5	-3.8	-2.4	-0.4	0.9	-0.7
45	NPCN20.24	AGES 20 TO 24	2.01	1.4	0.9	1.0	-0.2	-0.5	-0.8	-1.6	-3.0	-3.2	-3.3
46	NPCN25.34	AGES 25 TO 34	2.91	3.2	3.4	3.6	1.1	1.8	1.7	1.7	1.5	1.0	0.6
47	NPCN35.44	AGES 35 TO 44	3.51	3.0	2.5	2.2	6.0	4.4	4.1	3.8	3.6	3.3	2.4
48	NPCN45.54	AGES 45 TO 54	-1.01	-1.1	-1.0	-0.7	-0.4	-0.1	0.1	0.0	1.2	2.1	3.6
49	NPCN55.64	AGES 55 TO 64	1.41	1.3	1.2	1.0	0.9	0.7	0.1	-0.1	-0.5	-1.0	-0.9
50	NPCN65+	AGES 65 AND OVER	2.51	2.0	2.0	1.7	1.6	1.7	1.9	2.2	1.9	2.0	1.8

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TABLE 15.10 MANHOURS (BILLIONS)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NMLTTMG	B	MINING	1.951	1.97	1.92	1.90	1.89	1.89	1.87	1.88	1.90	1.92	1.93
2														
3	NMLTTMF	I	MANUFACTURING	42.471	43.36	43.84	44.56	45.44	45.95	46.14	46.66	46.85	46.92	46.88
4														
5	NMLTTMFD	I	DURABLE GOODS	25.701	26.46	26.92	27.62	28.41	28.87	29.02	29.46	29.59	29.62	29.58
6														
7	NMLTTMFD24	B	LUMBER	1.381	1.39	1.40	1.43	1.47	1.51	1.54	1.57	1.60	1.62	1.65
8	NMLTTMFD25	B	FURNITURE	1.091	1.13	1.16	1.18	1.21	1.23	1.25	1.28	1.29	1.31	1.32
9	NMLTTMFD32	B	STONE, CLAY AND GLASS	1.501	1.57	1.62	1.65	1.68	1.71	1.71	1.74	1.76	1.76	1.76
10	NMLTTMFD33	B	PRIMARY METALS	2.681	2.74	2.78	2.86	2.96	3.00	2.99	3.02	3.01	2.97	2.92
11	NMLTTMFD34	B	FABRICATED METAL PRODUCTS	3.251	3.32	3.40	3.50	3.63	3.70	3.72	3.78	3.80	3.80	3.79
12	NMLTTMFD35	B	NONELECTRICAL MACHINERY	4.951	5.04	5.22	5.43	5.67	5.82	5.88	6.03	6.08	6.10	6.10
13	NMLTTMFD36	B	ELECTRICAL MACHINERY	4.291	4.48	4.51	4.58	4.66	4.71	4.72	4.76	4.77	4.76	4.75
14	NMLTTMFD371	B	MOTOR VEHICLES	2.121	2.15	2.16	2.20	2.23	2.23	2.22	2.23	2.20	2.17	2.14
15	NMLTTMFD37SP2	B	NONAUTO TRANS EQ + ORD + MISC	3.281	3.44	3.44	3.53	3.61	3.65	3.66	3.71	3.74	3.76	3.77
16	NMLTTMFD38	B	INSTRUMENTS	1.161	1.22	1.24	1.26	1.29	1.31	1.32	1.34	1.36	1.37	1.38
17														
18	NMLTTMFN	I	NONDURABLE GOODS	16.771	16.89	16.92	16.95	17.02	17.08	17.12	17.20	17.26	17.30	17.30
19														
20	NMLTTMFN20	B	FOOD AND BEVERAGES	3.621	3.56	3.49	3.42	3.37	3.32	3.28	3.26	3.25	3.25	3.25
21	NMLTTMFN21	B	TOBACCO	0.141	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
22	NMLTTMFN22	B	TEXTILES	2.041	2.03	2.02	2.03	2.06	2.08	2.10	2.12	2.14	2.15	2.15
23	NMLTTMFN23	B	APPAREL	2.401	2.44	2.44	2.45	2.45	2.45	2.44	2.43	2.40	2.38	2.35
24	NMLTTMFN26	B	PAPER	1.571	1.60	1.61	1.64	1.67	1.69	1.70	1.71	1.72	1.73	1.73
25	NMLTTMFN27	B	PRINTING AND PUBLISHING	2.221	2.29	2.32	2.35	2.39	2.42	2.46	2.50	2.54	2.58	2.61
26	NMLTTMFN28	B	CHEMICALS	2.321	2.33	2.34	2.32	2.31	2.30	2.31	2.31	2.32	2.32	2.32
27	NMLTTMFN29	B	PETROLEUM	0.461	0.48	0.48	0.48	0.48	0.47	0.46	0.46	0.45	0.44	0.43
28	NMLTTMFN30	B	RUBBER	1.461	1.49	1.53	1.57	1.62	1.67	1.70	1.74	1.76	1.79	1.80
29	NMLTTMFN31	B	LEATHER	0.521	0.53	0.55	0.55	0.55	0.55	0.54	0.54	0.54	0.53	0.53

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TABLE 15.20 MANHOURS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NMLTTMG	B	MINING	2.1	1.4	-2.5	-1.3	-0.2	-0.3	-0.8	0.5	1.0	1.0	0.5
2														
3	NMLTTMF	I	MANUFACTURING	3.6	2.1	1.1	1.7	2.0	1.1	0.4	1.1	0.4	0.2	-0.1
4														
5	NMLTTMFD	I	DURABLE GOODS	5.3	3.0	1.7	2.6	2.9	1.6	0.5	1.5	0.4	0.1	-0.1
6														
7	NMLTTMFD24	B	LUMBER	3.3	0.5	0.4	2.4	3.1	2.7	2.1	1.7	1.7	1.6	1.4
8	NMLTTMFD25	B	FURNITURE	5.9	3.6	2.8	1.5	2.5	1.7	1.5	2.8	0.5	1.5	0.9
9	NMLTTMFD32	B	STONE, CLAY AND GLASS	6.7	4.5	3.7	1.6	2.1	1.3	0.5	1.7	0.9	0.3	0.0
10	NMLTTMFD33	B	PRIMARY METALS	4.2	2.1	1.4	2.9	3.6	1.4	-0.4	1.0	-0.4	-1.3	-1.5
11	NMLTTMFD34	B	FABRICATED METAL PRODUCTS	5.2	2.3	2.2	3.2	3.6	1.9	0.5	1.6	0.4	0.1	-0.2
12	NMLTTMFD35	B	NONELECTRICAL MACHINERY	4.7	1.8	3.4	4.1	4.4	2.7	1.1	2.4	0.9	0.4	0.0
13	NMLTTMFD36	B	ELECTRICAL MACHINERY	6.0	4.4	0.8	1.4	1.8	1.0	0.3	0.9	0.1	-0.1	-0.3
14	NMLTTMFD371	B	MOTOR VEHICLES	3.6	1.5	0.6	1.9	1.1	0.3	-0.6	0.3	-1.0	-1.5	-1.7
15	NMLTTMFD373P2	B	NONAUTO TRANS EQ + ORD + MISC	6.3	4.6	0.3	2.5	2.4	1.0	0.3	1.4	0.7	0.5	0.3
16	NMLTTMFD38	B	INSTRUMENTS	4.9	4.7	1.6	2.0	2.3	1.5	0.9	1.6	1.1	0.9	0.8
17														
18	NMLTTMFN	I	NONDURABLE GOODS	1.4	0.8	0.1	0.2	0.5	0.4	0.2	0.4	0.4	0.2	0.0
19														
20	NMLTTMFN20	B	FOOD AND BEVERAGES	1.4	-1.6	-1.9	-2.0	-1.6	-1.4	-1.2	-0.7	-0.2	-0.1	0.1
21	NMLTTMFN21	B	TOBACCO	0.1	-1.3	-1.4	-1.1	-0.9	-0.9	-0.9	-0.6	-1.1	-1.2	-1.3
22	NMLTTMFN22	B	TEXTILES	-0.9	-0.6	-0.7	0.8	1.3	1.1	0.8	1.1	0.8	0.5	-0.2
23	NMLTTMFN23	B	APPAREL	1.3	1.5	-0.0	0.3	0.3	0.0	-0.6	-0.6	-0.9	-1.0	-1.2
24	NMLTTMFN26	B	PAPER	1.0	1.6	1.0	1.6	1.7	1.3	0.8	0.8	0.6	0.3	-0.0
25	NMLTTMFN27	B	PRINTING AND PUBLISHING	1.9	3.1	1.4	1.4	1.3	1.5	1.5	1.7	1.6	1.5	1.3
26	NMLTTMFN28	B	CHEMICALS	1.2	0.6	0.4	-1.1	-0.5	-0.3	0.3	0.4	0.3	0.1	-0.1
27	NMLTTMFN29	B	PETROLEUM	-0.5	2.6	1.1	-0.6	-0.7	-1.0	-1.3	-1.4	-1.6	-1.8	-2.0
28	NMLTTMFN30	B	RUBBER	1.6	2.0	2.3	2.8	3.4	2.7	1.9	2.3	1.6	1.3	0.9
29	NMLTTMFN31	B	LEATHER	2.8	2.2	2.9	0.5	0.0	-0.5	-0.9	-0.7	-0.7	-0.7	-0.8

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TABLE 16.10 REAL OUTPUT PER MANHOUR (1972 $ / MANHOUR)

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XMIGMH	MINING	10.7	10.9	11.6	12.4	13.1	13.7	14.3	14.9	15.3	15.7	16.1
2													
3	XMFMH	MANUFACTURING	8.1	8.2	8.4	8.7	9.1	9.3	9.6	9.9	10.1	10.4	10.7
4													
5	XMFDMH	DURABLE GOODS	7.9	8.0	8.2	8.5	8.8	9.0	9.2	9.5	9.7	10.0	10.2
6													
7	XMFD24MH	LUMBER	7.2	7.5	7.9	8.2	8.5	8.7	8.8	9.0	9.2	9.5	9.7
8	XMFD25MH	FURNITURE	4.8	4.8	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.1	6.2
9	XMFD32MH	STONE, CLAY AND GLASS	7.2	7.2	7.2	7.4	7.5	7.7	7.9	8.1	8.2	8.4	8.6
10	XMFD33MH	PRIMARY METALS	7.8	8.0	8.2	8.4	8.5	8.6	8.7	8.9	9.0	9.0	9.2
11	XMFD34MH	FABRICATED METAL PRODUCTS	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.6	7.8
12	XMFD35MH	NONELECTRICAL MACHINERY	7.6	7.8	8.0	8.2	8.5	8.6	8.8	9.0	9.2	9.4	9.6
13	XMFD36MH	ELECTRICAL MACHINERY	7.6	7.8	7.9	8.3	8.6	9.0	9.3	9.7	10.1	10.4	10.8
14	XMFD371MH	MOTOR VEHICLES	16.4	16.5	17.1	18.0	19.0	19.8	20.5	21.6	22.5	23.5	24.4
15	XMFD37SP2MH	NONAUTO TRAN EQ + ORD & MISC MFD	6.5	6.6	6.7	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.2
16	XMFD38MH	INSTRUMENTS	7.9	7.9	8.1	8.4	8.7	9.0	9.2	9.5	9.8	10.0	10.2
17													
18	XMFNMH	NONDURABLE GOODS	8.3	8.5	8.8	9.1	9.5	9.8	10.1	10.5	10.8	11.1	11.4
19													
20	XMFN20MH	FOOD AND BEVERAGES	9.0	9.4	9.6	10.1	10.6	11.1	11.4	11.8	12.1	12.3	12.6
21	XMFN21MH	TOBACCO	35.2	36.4	37.8	40.0	42.1	44.2	46.1	48.6	51.3	54.0	56.7
22	XMFN22MH	TEXTILES	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.6	6.8
23	XMFN23MH	APPAREL	5.2	5.3	5.5	5.7	6.0	6.2	6.4	6.8	7.0	7.3	7.7
24	XMFN26MH	PAPER	8.1	8.4	8.6	8.9	9.2	9.5	9.8	10.1	10.5	10.8	11.2
25	XMFN27MH	PRINTING AND PUBLISHING	7.6	7.7	8.0	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.3
26	XMFN28MH	CHEMICALS	11.7	12.0	12.4	13.2	13.9	14.6	15.1	15.8	16.4	17.0	17.7
27	XMFN29MH	PETROLEUM	19.4	19.6	20.2	21.2	22.3	23.3	24.2	25.5	26.7	27.9	29.2
28	XMFN30MH	RUBBER	7.3	7.4	7.6	7.9	8.1	8.3	8.4	8.7	8.8	9.0	9.2
29	XMFN31MH	LEATHER	4.6	4.8	4.8	4.9	5.0	5.2	5.4	5.5	5.7	5.9	6.1

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TABLE 16.20 REAL OUTPUT PER MANHOUR, % CHANGE

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XMGMH	MINING	2.7	2.1	5.9	7.0	6.0	4.5	4.2	4.3	2.8	2.5	2.8
2													
3	XMFMH	MANUFACTURING	2.5	2.1	2.4	3.8	3.6	2.8	2.6	3.3	2.6	2.6	2.6
4													
5	XMFDMH	DURABLE GOODS	1.2	1.7	2.1	3.5	3.4	2.5	2.4	3.1	2.4	2.4	2.4
6													
7	XMFD24MH	LUMBER	4.5	3.5	4.8	4.3	4.1	1.9	1.0	2.3	2.9	2.4	2.5
8	XMFD25MH	FURNITURE	-0.1	0.4	2.2	3.2	3.9	3.2	3.1	3.6	3.5	1.7	1.4
9	XMFD32MH	STONE, CLAY AND GLASS	-2.5	0.2	0.1	1.7	2.6	2.1	2.2	3.0	1.8	2.0	2.3
10	XMFD33MH	PRIMARY METALS	-0.8	2.5	2.3	2.6	2.1	1.1	0.9	1.9	0.8	0.8	1.4
11	XMFD34MH	FABRICATED METAL PRODUCTS	-0.7	2.2	1.6	2.4	2.2	1.6	1.6	2.3	1.5	1.7	1.7
12	XMFD35MH	NONELECTRICAL MACHINERY	2.9	3.1	2.0	3.1	3.0	2.0	2.0	2.4	1.9	2.1	2.1
13	XMFD36MH	ELECTRICAL MACHINERY	2.3	2.1	1.3	4.6	4.5	4.0	3.8	4.2	3.6	3.7	3.7
14	XMFD371MH	MOTOR VEHICLES	5.0	0.2	4.0	4.8	5.7	4.3	3.8	5.1	4.2	4.4	4.0
15	XMFD37SP2MH	NONAUTO TRAN EQ + ORD & MISC MFD	-1.3	1.9	1.8	3.1	2.7	2.2	2.2	2.8	2.1	2.2	2.2
16	XMFD38MH	INSTRUMENTS	-0.0	0.8	2.0	3.7	3.7	3.0	2.7	3.3	2.6	2.5	2.3
17													
18	XMFNMH	NONDURABLE GOODS	4.3	2.7	2.9	4.0	4.1	3.4	2.9	3.6	3.0	2.9	2.8
19													
20	XMFN20MH	FOOD AND BEVERAGES	3.3	4.2	2.3	5.0	4.8	4.1	3.4	3.2	2.4	2.1	1.9
21	XMFN21MH	TOBACCO	3.2	3.6	3.8	5.7	5.4	4.9	4.3	5.5	5.5	5.4	4.9
22	XMFN23MH	APPAREL	7.9	1.9	3.4	4.5	4.2	3.8	4.0	4.7	4.3	4.3	4.4
23	XMFN22MH	TEXTILES	5.5	4.1	3.3	4.5	3.8	3.0	2.8	3.6	2.7	2.5	3.0
24	XMFN26MH	PAPER	6.3	2.8	2.5	3.7	3.8	3.1	2.8	4.0	3.4	3.1	3.2
25	XMFN27MH	PRINTING AND PUBLISHING	5.1	1.9	4.0	2.7	2.8	1.9	1.5	2.0	1.5	1.4	1.4
26	XMFN28MH	CHEMICALS	5.3	2.7	3.1	6.2	5.7	4.8	3.5	4.6	3.9	3.8	3.7
27	XMFN29MH	PETROLEUM	4.0	1.2	2.9	5.0	5.1	4.3	4.0	5.3	4.7	4.8	4.7
28	XMFN30MH	RUBBER	1.5	1.3	2.6	3.6	2.9	1.9	1.7	2.8	1.9	2.1	2.0
29	XMFN31MH	LEATHER	3.7	3.3	0.3	2.6	2.9	3.0	3.1	3.5	3.1	3.0	3.1

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TABLE 17.10 AVERAGE WEEKLY HOURS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NHMPMG	B	MINING	43.381	42.72	42.66	43.04	43.19	43.11	42.77	42.57	42.32	42.02	41.65
2														
3	NHMPMF	I	MANUFACTURING	40.301	40.29	40.21	40.26	40.36	40.38	40.37	40.46	40.46	40.45	40.43
4														
5	NHMPMFD	I	DURABLE GOODS	40.941	40.91	40.84	40.90	40.98	40.92	40.82	40.88	40.81	40.76	40.71
6														
7	NHMPMFD24	B	LUMBER	39.871	39.78	39.94	39.99	40.06	40.07	40.01	39.91	39.81	39.69	39.55
8	NHMPMFD25	B	FURNITURE	39.241	39.79	40.11	40.08	40.18	40.15	40.13	40.24	40.14	40.14	40.03
9	NHMPMFD32	B	STONE, CLAY AND GLASS	41.641	41.74	42.27	42.40	42.49	42.44	42.30	42.31	42.20	42.06	41.91
10	NHMPMFD33	B	PRIMARY METALS	41.171	41.24	41.39	41.62	41.86	41.81	41.65	41.82	41.79	41.74	41.62
11	NHMPMFD34	B	FABRICATED METAL PRODUCTS	40.801	40.58	40.43	40.51	40.62	40.56	40.44	40.52	40.48	40.45	40.44
12	NHMPMFD35	B	NONELECTRICAL MACHINERY	41.601	41.20	41.25	41.43	41.61	41.52	41.33	41.39	41.26	41.16	41.08
13	NHMPMFD36	B	ELECTRICAL MACHINERY	40.351	40.47	40.20	40.14	40.13	40.07	39.99	39.99	39.93	39.88	39.85
14	NHMPMFD371	B	MOTOR VEHICLES	42.191	41.78	41.36	41.15	41.03	40.93	40.86	40.94	40.91	40.90	40.91
15	NHMPMFD373P2	B	NONAUTO TRANS EQ + ORD + MISC	40.831	41.11	40.80	40.83	40.86	40.83	40.81	40.87	40.88	40.90	40.91
16	NHMPMFD38	B	INSTRUMENTS	40.351	40.73	40.57	40.58	40.63	40.60	40.56	40.63	40.62	40.62	40.63
17														
18	NHMPMFN	I	NONDURABLE GOODS	39.361	39.37	39.26	39.25	39.37	39.50	39.63	39.76	39.86	39.94	39.97
19														
20	NHMPMFN20	B	FOOD AND BEVERAGES	39.911	39.85	39.55	39.23	39.29	39.51	39.75	39.96	40.17	40.33	40.49
21	NHMPMFN21	B	TOBACCO	38.091	37.72	37.23	36.95	36.81	36.77	36.81	36.94	36.91	36.86	36.81
22	NHMPMFN22	B	TEXTILES	39.511	39.05	38.86	39.01	39.25	39.43	39.55	39.73	39.86	39.96	39.83
23	NHMPMFN23	B	APPAREL	35.431	35.70	35.57	35.62	35.74	35.86	35.90	35.94	35.97	36.00	36.05
24	NHMPMFN26	B	PAPER	42.341	42.26	42.22	42.44	42.67	42.87	43.01	43.18	43.34	43.48	43.60
25	NHMPMFN27	B	PRINTING AND PUBLISHING	38.911	38.41	38.45	38.54	38.66	38.78	38.86	38.94	38.99	39.00	38.98
26	NHMPMFN28	B	CHEMICALS	41.741	41.73	41.69	41.66	41.67	41.67	41.93	42.12	42.25	42.31	42.30
27	NHMPMFN29	B	PETROLEUM	42.311	42.19	41.91	41.77	41.67	41.59	41.52	41.47	41.44	41.43	41.43
28	NHMPMFN30	B	RUBBER	40.861	40.96	40.86	40.96	41.10	41.13	41.09	41.12	41.10	41.07	41.03
29	NHMPMFN31	B	LEATHER	36.721	36.45	36.79	36.93	37.03	37.10	37.16	37.26	37.36	37.45	37.55

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TABLE 17.20 AVERAGE WEEKLY HOURS, % CHANGE

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NHNPMG	B	MINING	-1.6	-1.5	0.3	0.4	0.4	-0.2	-0.8	-0.5	-0.6	-0.7	-0.7
2														
3	NHNPMF	I	MANUFACTURING	-0.0	-0.0	-0.2	0.1	0.3	0.0	-0.0	0.2	0.0	-0.0	-0.1
4														
5	NHNPMFD	I	DURABLE GOODS	0.1	-0.1	-0.2	0.1	0.2	-0.1	-0.3	0.1	-0.2	-0.1	-0.1
6														
7	NHNPMFD24	B	LUMBER	-0.6	-0.2	0.4	0.1	0.2	0.0	-0.2	-0.2	-0.3	-0.3	-0.3
8	NHNPMFD25	B	FURNITURE	1.1	1.4	0.8	-0.1	0.3	-0.1	-0.0	0.3	-0.3	0.0	-0.3
9	NHNPMFD32	B	STONE, CLAY AND GLASS	0.6	0.2	1.3	0.3	0.2	-0.1	-0.3	0.0	-0.2	-0.3	-0.3
10	NHNPMFD33	B	PRIMARY METALS	0.2	0.2	0.4	0.6	0.6	-0.1	-0.4	0.4	-0.1	-0.1	-0.3
11	NHNPMFD34	B	FABRICATED METAL PRODUCTS	-0.2	-0.6	-0.4	0.2	0.3	-0.2	-0.3	0.2	-0.1	-0.1	-0.0
12	NHNPMFD35	B	NONELECTRICAL MACHINERY	-0.0	-1.0	0.1	0.4	0.4	-0.2	-0.5	0.1	-0.3	-0.2	-0.2
13	NHNPMFD36	B	ELECTRICAL MACHINERY	0.4	0.3	-0.7	-0.1	-0.0	-0.2	-0.2	-0.0	-0.2	-0.1	-0.1
14	NHNPMFD371	B	MOTOR VEHICLES	-4.3	-1.0	-1.0	-0.5	-0.3	-0.2	-0.2	0.2	-0.1	-0.0	0.0
15	NHNPMFD37SP2	B	NONAUTO TRAN EQUIP + ORD & MISC	1.8	0.7	-0.7	0.1	0.1	-0.1	-0.1	0.2	0.0	0.0	0.0
16	NHNPMFD38	B	INSTRUMENTS	-0.1	1.0	-0.4	0.0	0.1	-0.1	-0.1	0.2	-0.0	-0.0	0.0
17														
18	NHNPMFN	I	NONDURABLE GOODS	-0.1	0.0	-0.3	-0.0	0.3	0.3	0.3	0.3	0.3	0.2	0.1
19														
20	NHNPMFN20	B	FOOD AND BEVERAGES	0.0	-0.1	-0.8	-0.8	0.2	0.6	0.6	0.5	0.5	0.4	0.4
21	NHNPMFN21	B	TOBACCO	-0.5	-1.0	-1.3	-0.8	-0.4	-0.1	0.1	0.3	-0.1	-0.1	-0.1
22	NHNPMFN22	B	TEXTILES	-2.2	-1.2	-0.5	0.4	0.6	0.5	0.3	0.4	0.3	0.2	-0.3
23	NHNPMFN23	B	APPAREL	0.1	0.8	-0.4	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1
24	NHNPMFN26	B	PAPER	-1.1	-0.2	-0.1	0.5	0.6	0.5	0.3	0.4	0.4	0.3	0.3
25	NHNPMFN27	B	PRINTING AND PUBLISHING	0.6	1.0	0.1	0.2	0.3	0.3	0.2	0.2	0.1	0.0	-0.1
26	NHNPMFN28	B	CHEMICALS	0.1	-0.0	-0.1	-0.1	0.0	-0.0	0.6	0.5	0.3	0.1	-0.0
27	NHNPMFN29	B	PETROLEUM	-1.4	-0.3	-0.7	-0.3	-0.2	-0.2	-0.2	-0.1	-0.1	-0.0	-0.0
28	NHNPMFN30	B	RUBBER	-0.3	0.2	-0.2	0.2	0.3	0.1	-0.1	0.1	-0.1	-0.1	-0.1
29	NHNPMFN31	B	LEATHER	-0.8	-0.7	0.9	0.4	0.3	0.2	0.2	0.3	0.3	0.2	0.3

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TABLE 18.10 CAPITAL STOCK (1972 $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	KIAAG	I	FARM	45.53	46.62	47.27	49.18	52.21	56.14	60.56	64.82	68.72	72.34	75.76
2														
3	KIAMG	I	MINING	21.62	22.34	23.28	24.63	26.34	28.17	29.89	31.63	33.42	35.49	37.79
4														
5			DURABLE GOODS											
6														
7	KIAMFD24	I	LUMBER	10.64	11.01	11.37	11.81	12.37	13.03	13.72	14.45	15.20	16.00	16.84
8	KIAMFD25	I	FURNITURE	1.83	1.86	1.89	1.95	2.01	2.07	2.13	2.20	2.27	2.33	2.41
9	KIAMFD32	I	STONE, CLAY AND GLASS	17.54	18.03	18.62	19.29	20.25	21.34	22.39	23.40	24.35	25.31	26.33
10	KIAMFD33	I	PRIMARY METALS	36.85	37.95	39.28	40.98	42.83	44.72	46.55	48.45	50.29	51.97	53.48
11	KIAMFD34	I	FABRICATED METAL PRODUCTS	19.30	19.94	20.59	21.37	22.24	23.16	24.10	25.04	25.92	26.77	27.63
12	KIAMFD35	I	NONELECTRICAL MACHINERY	44.39	46.52	48.83	51.44	54.39	57.51	60.62	63.87	67.14	70.47	73.83
13	KIAMFD36	I	ELECTRICAL MACHINERY	27.41	28.41	29.49	30.85	32.45	34.14	35.80	37.47	39.16	40.90	42.71
14	KIAMFD371	I	MOTOR VEHICLES	18.84	20.15	21.68	23.31	24.85	26.04	27.07	28.30	29.62	30.90	31.98
15	KIAMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	9.55	9.76	10.03	10.43	10.95	11.53	12.09	12.66	13.21	13.80	14.41
16	KIAMFD38	I	INSTRUMENTS	9.09	9.46	9.87	10.36	10.93	11.55	12.17	12.84	13.52	14.21	14.90
17														
18			NONDURABLE GOODS											
19														
20	KIAMFN20	I	FOOD AND BEVERAGES	27.73	28.26	28.86	29.62	30.36	31.06	31.81	32.75	33.81	35.04	36.48
21	KIAMFN21	I	TOBACCO	1.46	1.50	1.54	1.58	1.63	1.68	1.74	1.80	1.87	1.94	2.02
22	KIAMFN22	I	TEXTILES	7.34	7.36	7.42	7.55	7.77	8.03	8.30	8.57	8.84	9.09	9.31
23	KIAMFN23	I	APPAREL	2.06	2.08	2.12	2.18	2.26	2.35	2.46	2.57	2.69	2.82	2.94
24	KIAMFN26	I	PAPER	24.82	26.17	27.61	29.18	30.98	32.97	35.04	37.16	39.33	41.58	43.92
25	KIAMFN27	I	PRINTING AND PUBLISHING	7.54	7.58	7.66	7.78	7.96	8.17	8.41	8.69	8.99	9.31	9.68
26	KIAMFN28	I	CHEMICALS	40.29	41.54	43.03	44.94	47.23	49.91	52.84	55.83	58.75	61.89	65.11
27	KIAMFN29	I	PETROLEUM	96.76	101.05	105.05	109.49	114.66	120.27	125.94	131.51	136.64	141.52	146.34
28	KIAMFN30	I	RUBBER	13.86	14.35	14.90	15.54	16.41	17.37	18.39	19.42	20.56	21.74	22.96
29	KIAMFN31	I	LEATHER	1.65	1.68	1.71	1.75	1.80	1.85	1.91	1.96	2.01	2.06	2.11
30														
31	KIARGT	I	TRANSPORTATION	60.13	59.98	59.89	60.22	60.68	61.15	61.73	62.59	63.63	65.03	66.80
32														
33	KIARGU49	I	UTILITIES	209.53	219.48	230.28	242.25	255.45	269.60	284.24	299.49	314.74	330.35	346.61
34														
35	KIARGC48	I	COMMUNICATIONS	113.42	117.69	122.94	129.36	136.80	144.96	153.39	162.05	170.63	179.50	188.81
36														
37	KIACO	I	COMMERCIAL AND OTHER	417.83	436.46	452.25	470.37	491.11	512.87	534.75	558.05	580.29	602.66	625.31
38	KIACM	I	COMMERCIAL	196.25	197.47	199.60	203.08	208.03	213.99	220.60	228.06	235.69	243.69	252.10
39														
40	KWGNP	I	STOCK OF REAL WEALTH	1276.4	1321.6	1364.5	1405.6	1455.2	1511.2	1567.7	1621.8	1681.2	1737.8	1791.9
41														
42	KCEDA	I	STOCK OF AUTOS	156.01	159.7	163.6	170.7	179.8	188.4	195.5	203.3	210.4	217.0	222.2
43														
44	KIBERN	I	STOCK OF NONFARM RESID. STRUCTURES	717.3	730.7	740.9	755.2	775.2	796.7	818.2	845.3	873.3	899.1	920.8
45														
46	KIBID	I	TOTAL NONFARM INVENTORIES	278.85	285.65	291.59	302.77	318.76	336.16	353.55	372.52	391.30	409.85	428.19
47	KIBITOAV	B	STOCK OF AUTO DEALER INVENTORIES	9.71	9.85	9.89	10.25	10.60	11.32	12.16	12.98	13.58	14.12	14.72
48	KIBIOM	B	STOCK OF MANUFACTURERS INVENTORIES	134.25	137.94	140.60	145.33	152.98	161.64	170.54	180.01	189.44	198.77	207.71
49	KIBIOM	I	STOCK OF OTHER NONAUTO INVEN	134.89	137.86	141.09	147.18	155.17	163.20	170.85	179.52	188.29	196.96	205.76

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TABLE 18.20 CAPITAL STOCK, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	KIAAG	I	FARM	1.61	2.4	1.4	4.0	6.2	7.5	7.9	7.0	6.0	5.3	4.7
2														
3	KIAMG	I	MINING	2.91	3.3	4.2	5.8	7.0	6.9	6.1	5.8	5.6	6.2	6.5
4														
5			DURABLE GOODS											
6														
7	KIAMFD24	I	LUMBER	3.21	3.4	3.3	3.9	4.7	5.3	5.3	5.4	5.2	5.2	5.3
8	KIAMFD25	I	FURNITURE	1.21	1.4	1.8	3.0	3.1	2.9	3.1	3.3	2.9	3.0	3.1
9	KIAMFD32	I	STONE, CLAY AND GLASS	2.81	2.7	3.3	3.6	5.0	5.4	4.9	4.5	4.1	4.0	4.0
10	KIAMFD33	I	PRIMARY METALS	2.31	3.0	3.5	4.3	4.5	4.4	4.1	4.1	3.8	3.4	2.9
11	KIAMFD34	I	FABRICATED METAL PRODUCTS	3.21	3.3	3.2	3.8	4.0	4.2	4.0	3.9	3.5	3.3	3.2
12	KIAMFD35	I	NONELECTRICAL MACHINERY	4.41	4.8	5.0	5.3	5.8	5.7	5.4	5.4	5.1	5.0	4.8
13	KIAMFD36	I	ELECTRICAL MACHINERY	2.91	3.6	3.8	4.6	5.2	5.2	4.9	4.7	4.5	4.5	4.4
14	KIAMFD371	I	MOTOR VEHICLES	6.11	7.0	7.6	7.5	6.6	4.8	4.0	4.5	4.7	4.3	3.5
15	KIAMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	1.71	2.3	2.8	4.0	5.0	5.2	4.9	4.7	4.4	4.4	4.4
16	KIAMFD38	I	INSTRUMENTS	4.11	4.0	4.4	4.9	5.5	5.7	5.4	5.4	5.3	5.1	4.9
17														
18			NONDURABLE GOODS											
19														
20	KIAMFN20	I	FOOD AND BEVERAGES	2.11	1.9	2.1	2.6	2.5	2.3	2.4	2.9	3.2	3.6	4.1
21	KIAMFN21	I	TOBACCO	2.71	2.5	2.5	2.8	3.1	3.3	3.5	3.7	3.8	3.8	3.9
22	KIAMFN22	I	TEXTILES	0.11	0.2	0.8	1.8	2.9	3.4	3.3	3.4	3.1	2.8	2.5
23	KIAMFN23	I	APPAREL	1.11	1.0	1.8	2.8	3.6	4.1	4.4	4.7	4.6	4.6	4.6
24	KIAMFN26	I	PAPER	4.81	5.4	5.5	5.7	6.2	6.4	6.3	6.0	5.8	5.7	5.6
25	KIAMFN27	I	PRINTING AND PUBLISHING	0.51	0.5	1.1	1.6	2.2	2.7	2.9	3.3	3.4	3.7	3.9
26	KIAMFN28	I	CHEMICALS	3.11	3.1	3.6	4.4	5.1	5.7	5.9	5.7	5.2	5.3	5.2
27	KIAMFN29	I	PETROLEUM	5.01	4.4	4.0	4.2	4.7	4.9	4.7	4.4	3.9	3.6	3.4
28	KIAMFN30	I	RUBBER	3.41	3.6	3.8	4.3	5.6	5.8	5.7	5.8	5.8	5.8	5.6
29	KIAMFN31	I	LEATHER	1.31	1.4	2.0	2.6	2.6	2.9	2.9	2.9	2.6	2.4	2.3
30														
31	KIARGT	I	TRANSPORTATION	0.01	-0.3	-0.2	0.6	0.8	0.8	1.0	1.4	1.7	2.2	2.7
32														
33	KIARGU49	I	UTILITIES	4.71	4.7	4.9	5.2	5.4	5.5	5.4	5.4	5.1	5.0	4.9
34														
35	KIARGC48	I	COMMUNICATIONS	3.61	3.8	4.5	5.2	5.8	6.0	5.8	5.6	5.3	5.2	5.2
36														
37	KIACO	I	COMMERCIAL AND OTHER	5.01	4.5	3.6	4.0	4.4	4.4	4.3	4.4	4.0	3.9	3.8
38	KIACM	I	COMMERCIAL	0.51	0.6	1.1	1.7	2.4	2.9	3.1	3.4	3.3	3.4	3.5
39														
40	KNGNP	I	STOCK OF REAL WEALTH	3.41	3.5	3.2	3.0	3.5	3.8	3.7	3.5	3.7	3.4	3.1
41														
42	KCEDA	I	STOCK OF AUTOS	5.41	2.4	2.4	4.3	5.3	4.8	3.8	4.0	3.5	3.1	2.4
43														
44	KIBRN	I	STOCK OF NONFARM RESID. STRUCTURES	3.31	1.9	1.4	1.9	2.6	2.8	2.7	3.3	3.3	3.0	2.4
45														
46	KIBIN	I	TOTAL NONFARM INVENTORIES	4.41	2.4	2.1	3.8	5.3	5.5	5.2	5.4	5.0	4.7	4.5
47	KIBITDAV	B	STOCK OF AUTO DEALER INVENTORIES	-1.01	1.4	0.4	3.7	3.4	6.8	7.4	6.7	4.6	4.0	4.2
48	KIBIDMF	B	STOCK OF MANUFACTURES INVENTORIES	4.21	2.8	1.9	3.4	5.3	5.7	5.5	5.6	5.2	4.9	4.5
49	KIBIDNM	I	STOCK OF NONMFG EXCLAUTO INVEN	5.11	2.2	2.3	4.3	5.4	5.2	4.7	5.1	4.9	4.6	4.5

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TABLE 19.00 DEPRECIATION (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	CCATS	I	ALL INDUSTRIES	217.08	242.24	265.91	294.69	327.05	362.67	400.97	441.83	484.57	528.93	575.11
2														
3	CCATAGS	B	AGRIC, FORESTRY & FISHERIES	10.94	11.90	13.04	14.48	16.36	18.70	21.41	24.24	27.12	30.03	33.02
4														
5	CCATMGS	B	MINING	7.08	7.75	8.43	9.39	10.57	11.89	13.29	14.77	16.37	18.18	20.21
6														
7	CCATMFS	I	MANUFACTURING	42.35	46.50	50.68	56.40	62.91	70.16	78.04	86.43	95.32	104.72	114.69
8														
9	CCATMFDS	I	DURABLE GOODS	24.98	27.44	29.96	33.43	37.38	41.73	46.41	51.38	56.64	62.16	67.96
10														
11	CCATMFD24S	B	LUMBER	1.77	1.96	2.13	2.39	2.69	3.04	3.43	3.85	4.30	4.78	5.30
12	CCATMFD25S	B	FURNITURE	0.26	0.27	0.29	0.32	0.35	0.39	0.43	0.47	0.51	0.55	0.60
13	CCATMFD32S	B	STONE, CLAY AND GLASS	1.66	1.81	1.96	2.16	2.40	2.68	2.97	3.28	3.59	3.92	4.28
14	CCATMFD33S	B	PRIMARY METALS	3.85	4.14	4.45	4.79	5.18	5.60	6.05	6.52	7.01	7.51	8.00
15	CCATMFD34S	B	FABRICATED METAL PRODUCTS	1.69	1.83	1.96	2.15	2.37	2.60	2.86	3.12	3.40	3.68	3.97
16	CCATMFD35S	B	NONELECTRICAL MACHINERY	5.33	5.98	6.65	7.52	8.52	9.63	10.84	12.13	13.50	14.95	16.49
17	CCATMFD36S	B	ELECTRICAL MACHINERY	4.52	5.03	5.55	6.31	7.18	8.15	9.19	10.29	11.45	12.68	13.99
18	CCATMFD371S	B	MOTOR VEHICLES	2.96	3.20	3.46	3.87	4.30	4.72	5.15	5.63	6.15	6.69	7.21
19	CCATMFD378P23	B	NONAUTO TRANS EQ + ORD + MISC	1.83	1.99	2.16	2.39	2.66	2.97	3.29	3.64	4.00	4.38	4.80
20	CCATMFD38S	B	INSTRUMENTS	1.11	1.24	1.36	1.53	1.73	1.95	2.19	2.45	2.72	3.02	3.33
21														
22	CCATMFNS	I	NONDURABLE GOODS	17.37	19.06	20.72	22.96	25.53	28.42	31.63	35.05	38.68	42.56	46.73
23														
24	CCATMFN20S	B	FOOD AND BEVERAGES	3.40	3.67	3.92	4.27	4.64	5.03	5.45	5.92	6.42	6.97	7.59
25	CCATMFN21S	B	TOBACCO	0.43	0.48	0.53	0.60	0.68	0.76	0.85	0.95	1.06	1.17	1.29
26	CCATMFN22S	B	TEXTILES	1.32	1.43	1.54	1.71	1.90	2.13	2.37	2.63	2.89	3.16	3.43
27	CCATMFN23S	B	APPAREL	0.29	0.31	0.33	0.36	0.40	0.44	0.48	0.53	0.58	0.64	0.70
28	CCATMFN26S	B	PAPER	2.32	2.60	2.87	3.21	3.59	4.03	4.52	5.05	5.61	6.21	6.86
29	CCATMFN27S	B	PRINTING AND PUBLISHING	1.45	1.56	1.67	1.83	2.02	2.22	2.45	2.70	2.97	3.25	3.57
30	CCATMFN28S	B	CHEMICALS	5.25	5.79	6.34	7.03	7.83	8.75	9.80	10.91	12.08	13.34	14.70
31	CCATMFN29S	B	PETROLEUM	1.63	1.83	2.02	2.29	2.59	2.94	3.31	3.69	4.08	4.48	4.90
32	CCATMFN30S	B	RUBBER	1.18	1.28	1.39	1.56	1.76	2.00	2.25	2.53	2.84	3.17	3.52
33	CCATMFN31S	B	LEATHER	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17
34														
35	CCATRDTS	B	TRANSPORTATION	9.82	10.71	11.60	12.47	13.39	14.37	15.43	16.55	17.76	19.08	20.56
36														
37	CCATRDU49S	B	UTILITIES	13.33	14.98	16.67	18.85	21.30	24.04	27.06	30.29	33.72	37.34	41.25
38														
39	CCATRDC48S	B	COMMUNICATIONS	12.40	14.19	15.92	18.12	20.65	23.53	26.70	30.07	33.64	37.44	41.55
40														
41	CCATCDS	B	COMMERCIAL AND OTHER	77.22	86.28	94.17	105.78	118.88	133.18	148.45	165.07	182.44	200.13	218.03
42														
43	CCARRS1	E	RES. STRUCTURES, SINGLE UNITS	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
44														
45	CCARRSM	E	RES. STRUCTURES, MULTIPLE UNITS	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
46	CCARRMH	E	RES. STRUCTURES, MOBILE HOMES	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
47														
48			CAPITAL CONSUMPTION ADJUST.											
49	CCAADCPS	E	CORPORATE PROFITS & IVA	-18.12	-21.43	-24.11	-25.11	-26.11	-27.11	-28.11	-29.11	-30.11	-31.11	-32.11
50	CCAAYENTPS	E	PROPRIETORS' INCOME, NONFARM	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
51	CCAAYENTFS	E	PROPRIETORS' INCOME, FARM	-5.23	-5.76	-6.56	-7.36	-8.16	-8.96	-9.76	-10.56	-11.36	-12.16	-12.96
52	CCAAYRENTS	E	RENTAL INCOME OF PERSONS	-20.94	-23.08	-25.08	-27.08	-29.08	-31.08	-33.08	-35.08	-37.08	-39.08	-41.08

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TABLE 20.00 USER COST OF CAPITAL

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	UCKAG	I	FARM	39.1	43.5	44.7	48.4	52.5	54.8	57.9	60.7	63.3	65.9	69.2
2														
3	UCKMG	I	MINING	36.6	40.9	40.9	44.4	48.4	50.1	52.7	54.9	56.9	58.9	61.7
4														
5			DURABLE GOODS											
6														
7	UCKMFD24	I	LUMBER	22.5	25.6	25.7	27.9	30.5	31.4	33.0	34.2	35.4	36.5	38.2
8	UCKMFD25	I	FURNITURE	30.8	34.5	34.7	37.7	41.1	42.5	44.7	46.5	48.2	49.8	52.2
9	UCKMFD32	I	STONE, CLAY AND GLASS	24.3	27.5	27.5	29.9	32.7	33.6	35.2	36.5	37.6	38.8	40.6
10	UCKMFD33	I	PRIMARY METALS	29.6	33.3	33.2	36.1	39.3	40.6	42.7	44.4	46.0	47.6	49.8
11	UCKMFD34	I	FABRICATED METAL PRODUCTS	24.4	27.7	27.7	30.1	32.9	33.8	35.4	36.7	37.9	39.0	40.8
12	UCKMFD35	I	NONELECTRICAL MACHINERY	25.6	29.0	29.0	31.6	34.5	35.5	37.2	38.5	39.7	40.9	42.8
13	UCKMFD36	I	ELECTRICAL MACHINERY	24.2	27.5	27.4	29.8	32.6	33.5	35.1	36.4	37.5	38.7	40.5
14	UCKMFD371	I	MOTOR VEHICLES	29.8	33.5	33.4	36.2	39.4	40.8	42.9	44.7	46.4	48.0	50.3
15	UCKMFD37SP2	I	NONAUTO TRANS EQ + ORD + MISC	36.8	41.0	41.2	44.7	48.6	50.6	53.3	55.6	57.8	60.0	62.9
16	UCKMFD38	I	INSTRUMENTS	25.0	28.4	28.3	30.7	33.6	34.5	36.2	37.5	38.6	39.8	41.6
17														
18			NONDURABLE GOODS											
19														
20	UCKMFN20	I	FOOD AND BEVERAGES	30.4	34.2	34.1	37.0	40.4	41.7	43.8	45.6	47.2	48.8	51.1
21	UCKMFN21	I	TOBACCO	30.3	34.0	33.8	36.7	40.0	41.4	43.4	45.2	46.8	48.3	50.6
22	UCKMFN22	I	TEXTILES	29.5	33.2	33.1	35.9	39.1	40.5	42.5	44.2	45.8	47.3	49.6
23	UCKMFN23	I	APPAREL	33.0	37.0	37.3	40.4	44.0	45.7	48.1	50.1	52.0	53.9	56.5
24	UCKMFN26	I	PAPER	23.9	27.2	26.9	29.3	32.0	32.9	34.5	35.7	36.9	38.0	39.7
25	UCKMFN27	I	PRINTING AND PUBLISHING	29.1	32.7	32.8	35.6	38.8	40.1	42.2	43.9	45.4	47.0	49.2
26	UCKMFN28	I	CHEMICALS	29.0	32.6	32.4	35.2	38.4	39.7	41.7	43.3	44.9	46.4	48.6
27	UCKMFN29	I	PETROLEUM	25.0	28.3	28.6	31.1	34.0	35.0	36.7	38.1	39.3	40.5	42.4
28	UCKMFN30	I	RUBBER	22.6	25.7	25.6	27.9	30.5	31.3	32.7	33.9	34.9	35.9	37.5
29	UCKMFN31	I	LEATHER	25.7	29.1	29.4	32.0	35.0	36.0	37.7	39.1	40.3	41.6	43.5
30														
31	UCKRGT	I	TRANSPORTATION	30.2	33.9	34.3	37.2	40.6	41.9	44.1	45.8	47.4	48.9	51.2
32														
33	UCKCM	I	COMMERCIAL	28.5	32.0	33.0	35.8	39.1	40.4	42.4	44.1	45.6	47.2	49.4
34														
35	UCKRGU49	I	UTILITIES	27.9	31.5	31.4	34.2	37.5	38.4	40.1	41.4	42.6	43.7	45.7
36														
37	UCKRGC48	I	COMMUNICATIONS	30.8	34.6	34.7	37.8	41.3	42.4	44.5	46.0	47.5	48.9	51.1
38														
39	UCKR	I	TOTAL RESIDENTIAL HOUSING UNITS	16.4	19.3	21.1	23.1	25.1	26.4	27.9	29.2	30.5	31.7	33.2
40														
41	UCKR90	I	OWNER OCCUPIED	16.7	19.9	21.7	23.7	25.9	27.2	28.9	30.3	31.6	33.0	34.7
42	UCKR9T	I	LANDLORD OWNED	13.6	16.1	17.6	19.3	21.0	22.2	23.5	24.7	25.9	27.1	28.5
43	UCKRMH	I	MOBILE HOMES	20.5	22.9	24.1	25.7	27.7	29.0	30.6	32.1	33.4	34.6	35.9

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TABLE 21.10 EMPLOYEE COMPENSATION (CURRENT $)

LINE	VAR LABEL	I	I T E M	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WBC$	I	ALL INDUSTRIES	1299.4	1434.1	1585.5	1734.7	1921.6	2118.3	2319.2	2537.4	2752.7	2969.4	3191.8
2														
3	WBCAG$	I	AGRIC., FORESTRY AND FISHERIES	12.3	13.4	14.3	16.2	18.2	20.0	21.7	23.7	25.5	27.3	29.1
4														
5	WBCMG$	I	MINING	20.5	23.4	24.8	26.7	29.0	31.7	34.3	37.5	40.9	44.4	47.7
6														
7	WBCMF$	I	MANUFACTURING	365.8	408.9	450.0	498.0	551.3	604.3	656.1	715.4	770.1	822.0	874.7
8														
9	WBCMFD$	I	DURABLE GOODS	237.1	266.8	295.7	330.8	369.3	406.6	442.0	484.0	521.5	556.9	592.9
10														
11	WBCMFD24$	I	LUMBER	8.9	9.7	10.6	11.8	13.3	14.8	16.4	18.0	19.6	21.2	22.9
12	WBCMFD25$	I	FURNITURE	6.4	7.2	8.0	8.8	9.8	10.8	11.8	13.0	13.9	15.0	16.0
13	WBCMFD32$	I	STONE, CLAY AND GLASS	12.6	14.5	16.4	18.2	20.2	22.3	24.3	26.7	28.9	31.0	33.1
14	WBCMFD33$	I	PRIMARY METALS	30.5	34.1	37.4	41.8	46.8	51.1	54.7	59.0	62.5	65.2	67.8
15	WBCMFD34$	I	FABRICATED METAL PRODUCTS	27.4	30.9	34.8	39.2	44.3	49.2	53.8	59.1	63.9	68.4	73.0
16	WBCMFD35$	I	NONELECTRICAL MACHINERY	45.9	50.9	57.2	64.9	73.4	81.7	89.3	98.6	106.7	114.3	122.1
17	WBCMFD36$	I	ELECTRICAL MACHINERY	36.3	41.4	45.6	50.6	56.0	61.4	66.8	72.8	78.3	83.6	89.1
18	WBCMFD371$	I	MOTOR VEHICLES	28.3	31.3	34.5	38.4	42.1	45.7	49.5	54.3	58.5	62.5	66.6
19	WBCMFD378P2$	I	NONAUTO TRANS EQ + ORD + MISC	30.5	35.0	38.3	42.7	47.6	52.2	56.6	61.9	66.9	71.8	76.9
20	WBCMFD38$	I	INSTRUMENTS	10.3	11.7	12.9	14.3	15.9	17.4	18.9	20.7	22.3	23.9	25.5
21														
22	WBCMFN$	I	NONDURABLE GOODS	128.7	142.1	154.3	167.3	182.0	197.7	214.1	231.4	248.6	265.1	281.8
23														
24	WBCMFN20$	I	FOOD AND BEVERAGES	28.8	30.9	32.7	34.5	36.6	38.8	41.1	43.7	46.4	49.1	52.0
25	WBCMFN21$	I	TOBACCO	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
26	WBCMFN22$	I	TEXTILES	10.8	11.8	12.9	14.2	15.8	17.6	19.3	21.3	23.1	24.9	26.5
27	WBCMFN23$	I	APPAREL	12.8	14.4	15.6	17.0	18.6	20.4	22.2	24.1	25.8	27.5	29.0
28	WBCMFN26$	I	PAPER	13.7	15.4	16.9	18.5	20.4	22.5	24.6	26.9	29.2	31.4	33.6
29	WBCMFN27$	I	PRINTING AND PUBLISHING	18.2	20.7	22.9	25.3	27.8	30.6	33.5	36.6	39.8	42.9	46.1
30	WBCMFN28$	I	CHEMICALS	23.8	26.1	28.1	30.0	32.1	34.4	36.9	39.5	42.2	44.7	47.1
31	WBCMFN29$	I	PETROLEUM	5.6	6.3	6.9	7.5	8.1	8.6	9.1	9.6	10.1	10.5	10.9
32	WBCMFN30$	I	RUBBER	11.0	12.2	13.5	15.1	16.9	18.7	20.5	22.5	24.4	26.3	28.1
33	WBCMFN31$	I	LEATHER	2.7	3.0	3.4	3.7	4.0	4.4	4.7	5.1	5.5	5.8	6.2
34														
35	WBCMGT$	I	TRANSPORTATION	55.8	60.6	65.8	72.0	79.5	87.9	96.6	106.1	116.4	127.3	137.6
36														
37	WBCMGU49$	I	UTILITIES	17.1	18.6	20.1	21.6	23.2	25.2	27.3	29.7	31.8	33.9	36.0
38														
39	WBCMGC48$	I	COMMUNICATIONS	29.5	32.1	34.7	39.5	42.5	46.3	50.2	55.1	60.9	66.7	72.4
40														
41	WBCOD$	I	COMMERCIAL AND OTHER	545.0	603.1	657.1	736.6	822.6	913.5	1007.6	1107.0	1206.5	1310.0	1419.6
42														
43	WBCGV$	I	GOVERNMENT	253.5	274.2	296.8	324.1	355.2	389.5	425.3	462.9	500.6	537.7	574.7
44														
45	WBCGVF$	I	FEDERAL	88.3	94.8	101.9	110.3	119.6	129.7	140.6	151.7	162.8	173.6	184.2
46	WBCGVS$	I	STATE AND LOCAL	165.2	179.4	194.9	213.8	235.6	259.8	284.7	311.2	337.9	364.1	390.5

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TABLE 21.20 EMPLOYEE COMPENSATION, GROWTH RATES

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WAC$	ALL INDUSTRIES	12.7	10.4	9.0	10.9	10.8	10.2	9.5	9.4	8.5	7.9	7.5
3	WACAG$	AGRIC., FORESTRY AND FISHERIES	9.4	9.0	6.8	13.5	12.1	10.2	8.7	8.8	7.7	7.1	6.7
5	WACMG$	MINING	18.2	14.1	6.0	7.5	8.9	9.1	8.3	9.2	9.1	8.6	7.5
7	WACMF$	MANUFACTURING	13.3	11.8	10.1	10.7	10.7	9.6	8.6	9.0	7.6	6.7	6.4
9	WACMFD$	DURABLE GOODS	14.9	12.5	10.8	11.8	11.7	10.1	8.7	9.5	7.7	6.8	6.5
11	WACMFD24$	LUMBER	10.8	9.0	8.7	11.7	12.3	11.6	10.6	9.6	9.0	8.3	7.8
12	WACMFD25$	FURNITURE	12.9	12.6	11.0	10.2	11.1	9.9	9.3	10.2	7.2	7.7	6.8
13	WACMFD32$	STONE, CLAY AND GLASS	15.9	15.2	13.2	10.7	11.2	10.2	9.0	9.8	8.4	7.1	6.7
14	WACMFD33$	PRIMARY METALS	12.4	11.8	10.0	11.5	12.0	9.3	6.9	8.0	5.8	4.3	4.1
15	WACMFD34$	FABRICATED METAL PRODUCTS	15.7	12.6	12.6	12.9	12.9	11.0	9.3	10.0	8.1	7.0	6.6
16	WACMFD35$	NONELECTRICAL MACHINERY	17.1	10.9	12.5	13.4	13.2	11.2	9.3	10.4	8.2	7.1	6.8
17	WACMFD36$	ELECTRICAL MACHINERY	16.0	14.2	10.0	10.9	10.8	9.7	8.7	9.0	7.6	6.8	6.6
18	WACMFD371$	MOTOR VEHICLES	13.4	10.5	10.1	11.4	9.4	8.6	8.4	9.6	7.8	6.8	6.6
19	WACMFD37SP2$	NONAUTO TRANS EQ + ORD + MISC	15.0	14.9	9.3	11.6	11.3	9.7	8.6	9.3	8.1	7.2	7.1
20	WACMFD38$	INSTRUMENTS	14.2	13.8	10.3	10.8	10.8	9.7	8.8	9.2	8.0	7.2	6.9
22	WACMFN$	NONDURABLE GOODS	10.6	10.4	8.6	8.4	8.8	8.7	8.3	8.1	7.4	6.7	6.3
24	WACMFN20$	FOOD AND BEVERAGES	13.5	7.2	5.8	5.6	6.0	6.1	6.1	6.1	6.2	5.9	6.0
25	WACMFN21$	TOBACCO	10.5	7.6	6.3	6.7	6.7	6.6	6.2	6.0	4.9	4.2	4.0
26	WACMFN22$	TEXTILES	8.8	8.9	9.1	10.7	11.3	10.8	10.2	9.9	8.8	7.7	6.6
27	WACMFN23$	APPAREL	10.8	11.8	8.7	8.9	9.7	9.7	8.8	8.2	7.3	6.3	5.7
28	WACMFN26$	PAPER	11.9	12.5	9.6	9.8	10.3	10.2	9.5	9.2	8.5	7.4	7.1
29	WACMFN27$	PRINTING AND PUBLISHING	11.4	13.7	10.7	10.3	9.9	10.0	9.6	9.3	8.6	7.8	7.4
30	WACMFN28$	CHEMICALS	8.7	9.6	7.9	6.6	7.1	7.1	7.4	7.2	6.6	6.0	5.5
31	WACMFN29$	PETROLEUM	8.8	12.3	9.6	8.1	7.6	7.0	6.1	5.5	4.7	4.1	3.7
32	WACMFN30$	RUBBER	6.6	11.2	10.8	11.5	11.8	10.9	9.8	9.8	8.5	7.5	7.0
33	WACMFN31$	LEATHER	12.5	12.6	12.2	9.4	9.2	8.8	8.0	7.7	7.1	6.3	6.0
35	WACRGT$	TRANSPORTATION	10.2	8.6	8.6	9.5	10.5	10.6	9.9	9.9	9.7	9.4	8.1
37	WACRGU49$	UTILITIES	12.0	8.6	8.2	7.5	7.7	8.3	8.5	8.6	7.3	6.7	6.1
39	WACRGC48$	COMMUNICATIONS	16.4	8.7	8.3	14.0	7.4	9.0	8.5	9.8	10.4	9.6	8.5
41	WACCO$	COMMERCIAL AND OTHER	14.0	10.7	9.0	12.1	11.7	11.0	10.3	9.9	9.0	8.6	8.4
43	WACGV$	GOVERNMENT	8.9	8.2	8.2	9.2	9.6	9.7	9.2	8.8	8.2	7.4	6.9
45	WACGVF$	FEDERAL	8.7	7.4	7.5	8.2	8.4	8.5	8.4	7.9	7.3	6.7	6.1
46	WACGVS$	STATE AND LOCAL	9.0	8.6	8.6	9.7	10.2	10.3	9.6	9.3	8.6	7.8	7.3

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TABLE 22.10 WAGE RATES (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WRC$	I	ALL INDUSTRIES (PER WEEK)-------	265.11	286.15	306.59	331.48	358.71	387.90	418.36	450.78	482.84	514.50	546.54
2														
3	WRCAG$	B	FARM (PER WEEK)----------	71.22	81.22	89.12	99.93	110.06	119.95	130.21	142.09	154.04	166.14	178.28
4														
5	WRCMG$	B	MINING (PER HOUR)----------	10.55	11.86	12.89	14.05	15.34	16.78	18.31	19.90	21.51	23.14	24.76
6														
7			DURABLE GOODS (PER HOUR)											
8														
9	WRCMFD24$	B	LUMBER----------	6.46	7.00	7.59	8.28	9.02	9.80	10.62	11.45	12.27	13.08	13.90
10	WRCMFD25$	B	FURNITURE----------	5.88	6.39	6.89	7.49	8.12	8.78	9.45	10.14	10.81	11.47	12.14
11	WRCMFD32$	B	STONE, CLAY AND GLASS----------	8.42	9.28	10.12	11.03	12.01	13.07	14.18	15.31	16.45	17.56	18.74
12	WRCMFD33$	B	PRIMARY METALS----------	11.37	12.44	13.49	14.62	15.82	17.05	18.30	19.56	20.78	21.97	23.20
13	WRCMFD34$	B	FABRICATED METAL PRODUCTS------	8.44	9.29	10.23	11.20	12.21	13.29	14.44	15.64	16.83	18.00	19.23
14	WRCMFD35$	B	NONELECTRICAL MACHINERY--------	9.26	10.08	10.96	11.94	12.95	14.03	15.18	16.36	17.56	18.73	20.00
15	WRCMFD36$	B	ELECTRICAL MACHINERY----------	8.46	9.26	10.10	11.05	12.02	13.05	14.15	15.29	16.43	17.56	18.77
16	WRCMFD371$	B	MOTOR VEHICLES----------	13.39	14.58	15.96	17.45	18.88	20.46	22.31	24.38	26.54	28.78	31.19
17	WRCMFD37SP2$	B	NONAUTO TRANS EQ + ORD + MISC--	9.28	10.20	11.11	12.11	13.16	14.28	15.46	16.68	17.89	19.09	20.38
18	WRCMFD38$	B	INSTRUMENTS----------	8.86	9.63	10.46	11.35	12.29	13.29	14.33	15.40	16.45	17.49	18.55
19														
20			NONDURABLE GOODS (PER HOUR)											
21														
22	WRCMFN20$	B	FOOD AND BEVERAGES----------	7.96	8.67	9.35	10.08	10.86	11.69	12.54	13.41	14.28	15.12	16.00
23	WRCMFN21$	B	TOBACCO----------	9.14	9.96	10.74	11.59	12.48	13.41	14.36	15.31	16.23	17.11	18.03
24	WRCMFN22$	B	TEXTILES----------	5.30	5.80	6.38	7.00	7.69	8.43	9.21	10.01	10.81	11.58	12.36
25	WRCMFN23$	B	APPAREL----------	5.35	5.89	6.40	6.94	7.59	8.33	9.12	9.93	10.75	11.54	12.34
26	WRCMFN26$	B	PAPER----------	8.71	9.65	10.46	11.30	12.27	13.34	14.49	15.70	16.92	18.13	19.42
27	WRCMFN27$	B	PRINTING AND PUBLISHING--------	8.19	9.03	9.86	10.73	11.65	12.62	13.63	14.65	15.66	16.63	17.63
28	WRCMFN28$	B	CHEMICALS----------	10.25	11.16	12.00	12.93	13.91	14.94	16.01	17.09	18.16	19.22	20.28
29	WRCMFN29$	B	PETROLEUM----------	12.09	13.24	14.36	15.62	16.93	18.29	19.67	21.05	22.41	23.75	25.13
30	WRCMFN30$	B	RUBBER----------	7.51	8.18	8.86	9.61	10.39	11.22	12.09	12.97	13.85	14.70	15.59
31	WRCMFN31$	B	LEATHER----------	5.13	5.65	6.16	6.70	7.32	8.00	8.72	9.46	10.20	10.92	11.67
32														
33	WRCRGT$	B	TRANSPORTATION (PER WEEK)------	398.52	424.84	458.66	494.82	535.67	580.92	629.30	679.94	731.88	784.94	840.05
34														
35	WRCRGU49$	B	UTILITIES (PER WEEK)----------	427.93	458.03	498.69	540.07	584.92	634.61	688.11	744.54	802.52	861.21	922.49
36														
37	WRCRGC48$	B	COMMUNICATIONS (PER WEEK)------	453.76	489.00	530.87	578.43	629.39	684.01	742.58	803.42	865.16	929.07	995.03
38														
39	WRCCO$	B	COMMERCIAL AND OTHER (PER WEEK)	211.75	227.70	242.75	262.26	283.94	307.35	331.97	357.71	383.59	409.70	436.46
40														
41	WRCGV$	I	GOVERNMENT (PER WEEK)----------	274.95	292.88	310.39	335.81	363.53	393.66	424.70	456.87	487.93	517.84	547.16
42														
43	WRCGVF$	B	FEDERAL----------	348.27	375.58	405.01	437.68	473.79	513.28	555.13	597.66	639.94	680.80	720.45
44	WRCGVS$	B	STATE & LOCAL----------	247.16	262.35	276.59	299.82	325.14	352.62	380.55	409.83	437.82	464.78	491.42

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TABLE 22.20 WAGE RATES, % CHANGE

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	WRCS	I	ALL INDUSTRIES (PER WEEK)-------	8.2	7.9	7.1	8.1	8.2	8.1	7.9	7.8	7.1	6.6	6.2
2														
3	WRCAGS	B	FARM (PER WEEK)----------	7.3	14.0	9.7	12.1	10.1	9.0	8.6	9.1	8.4	7.9	7.3
4														
5	WRCMGS	B	MINING (PER HOUR)----------	15.8	12.5	8.7	9.0	9.2	9.4	9.1	8.7	8.1	7.6	7.0
6														
7			DURABLE GOODS (PER HOUR)											
8														
9	WRCMFD24S	B	LUMBER----------	7.3	8.5	8.3	9.1	8.9	8.7	8.3	7.8	7.2	6.6	6.3
10	WRCMFD25S	B	FURNITURE----------	6.7	8.7	7.9	8.7	8.4	8.1	7.7	7.2	6.7	6.1	5.9
11	WRCMFD32S	B	STONE, CLAY AND GLASS----------	8.7	10.3	9.1	8.9	8.9	8.8	8.5	8.0	7.4	6.8	6.7
12	WRCMFD33S	B	PRIMARY METALS----------	7.9	9.5	8.4	8.4	8.2	7.8	7.3	6.9	6.3	5.7	5.6
13	WRCMFD34S	B	FABRICATED METAL PRODUCTS------	10.0	10.1	10.2	9.4	9.0	8.9	8.7	8.3	7.6	7.0	6.8
14	WRCMFD35S	B	NONELECTRICAL MACHINERY--------	11.9	8.9	8.7	8.9	8.5	8.3	8.2	7.8	7.3	6.7	6.7
15	WRCMFD36S	B	ELECTRICAL MACHINERY----------	9.4	9.4	9.1	9.3	8.8	8.6	8.4	8.0	7.5	6.9	6.9
16	WRCMFD371S	B	MOTOR VEHICLES----------	9.5	8.9	9.5	9.3	8.2	8.3	9.1	9.3	8.9	8.4	8.4
17	WRCMFD37SP2S	B	NONAUTO TRANS EQ + ORD + MISC--	8.1	9.9	9.0	8.9	8.7	8.5	8.3	7.8	7.3	6.7	6.8
18	WRCMFD38S	B	INSTRUMENTS----------	8.9	8.8	8.5	8.6	8.3	8.1	7.9	7.4	6.9	6.3	6.1
19														
20			NONDURABLE GOODS (PER HOUR)											
21														
22	WRCMFN20S	B	FOOD AND BEVERAGES----------	11.9	8.9	7.9	7.8	7.7	7.6	7.3	6.9	6.4	5.9	5.8
23	WRCMFN21S	B	TOBACCO----------	10.3	9.0	7.8	7.9	7.7	7.5	7.1	6.6	6.0	5.4	5.4
24	WRCMFN22S	B	TEXTILES----------	9.8	9.5	9.9	9.8	9.8	9.6	9.3	8.7	7.9	7.1	6.8
25	WRCMFN23S	B	APPAREL----------	9.4	10.1	8.7	8.5	9.3	9.7	9.4	8.9	8.2	7.4	6.9
26	WRCMFN26S	B	PAPER----------	10.8	10.7	8.5	8.0	8.5	8.8	8.6	8.3	7.8	7.1	7.1
27	WRCMFN27S	B	PRINTING AND PUBLISHING--------	9.3	10.3	9.2	8.8	8.5	8.4	8.0	7.5	6.9	6.2	6.0
28	WRCMFN28S	B	CHEMICALS----------	7.4	8.9	7.5	7.8	7.6	7.4	7.1	6.8	6.3	5.8	5.5
29	WRCMFN29S	B	PETROLEUM----------	9.3	9.5	8.4	8.8	8.4	8.0	7.5	7.0	6.4	6.0	5.8
30	WRCMFN30S	B	RUBBER----------	9.9	8.9	8.3	8.4	8.1	8.0	7.7	7.3	6.8	6.2	6.0
31	WRCMFN31S	B	LEATHER----------	9.4	10.2	9.0	8.8	9.2	9.3	9.0	8.5	7.8	7.1	6.8
32														
33	WRCRGTS	B	TRANSPORTATION (PER WEEK)------	9.7	6.6	8.0	7.9	8.3	8.4	8.3	8.0	7.6	7.2	7.0
34														
35	WRCRGU49S	B	UTILITIES (PER WEEK)----------	8.6	7.0	8.9	8.3	8.3	8.5	8.4	8.2	7.8	7.3	7.1
36														
37	WRCRGC48S	B	COMMUNICATIONS (PER WEEK)------	8.7	7.8	8.6	9.0	8.8	8.7	8.6	8.2	7.7	7.4	7.1
38														
39	WRCCOS	B	COMMERCIAL AND OTHER (PER WEEK)	8.5	7.5	6.6	8.0	8.3	8.2	8.0	7.8	7.2	6.8	6.5
40														
41	WRCGVS	I	GOVERNMENT (PER WEEK)----------	6.4	6.5	6.0	8.2	8.3	8.3	7.9	7.6	6.8	6.1	5.7
42														
43	WRCGVFS	B	FEDERAL----------	8.4	7.8	7.8	8.1	8.3	8.3	8.2	7.7	7.1	6.4	5.8
44	WRCGVSS	B	STATE AND LOCAL----------	5.7	6.1	5.4	8.4	8.4	8.5	7.9	7.7	6.8	6.2	5.7

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TABLE 23.10 PRICE DEFLATORS (1972 = 100)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PDGNP	I	GROSS NATIONAL PRODUCT	152.11	162.9	173.2	185.3	198.1	211.5	225.0	238.5	251.4	263.5	275.0
2														
3	PDYD	B	NATIONAL INCOME	152.11	162.9	173.2	185.3	198.1	211.6	225.2	238.7	251.6	263.8	275.4
4														
5	PDCE	I	PERSONAL CONSUMPTION	150.41	160.9	171.3	183.1	195.2	207.8	220.8	232.6	244.3	255.4	265.9
6	PDCED	I	DURABLE GOODS	136.71	144.9	152.6	161.5	169.7	178.1	186.3	194.2	201.7	209.0	215.8
7	PDCEDA	I	AUTOS AND PARTS	146.01	158.3	169.5	178.8	187.2	196.8	207.2	217.1	227.6	237.9	248.3
8	PDCEDAVN	B	NEW CARS	138.91	148.6	157.1	166.6	173.5	181.1	189.3	197.0	204.9	212.7	220.6
9	PDCEDAVU	B	USED CARS	193.81	216.7	241.9	257.9	270.3	285.2	301.5	319.1	337.3	356.0	372.3
10	PDCEDAVR+T	B	RECREATIONAL VEH. AND TRUCKS	138.91	149.5	159.3	170.0	181.5	193.6	206.2	218.3	230.5	242.6	254.5
11	PDCEDAP	B	TIRES, TUBES AND PARTS	132.91	143.9	154.3	164.3	174.6	185.1	196.0	206.7	216.7	226.3	235.6
12	PDCEDF	B	FURNITURE AND HOUSEHOLD EQUIPMENT	128.61	134.7	139.9	147.8	155.4	162.8	169.9	176.4	182.3	187.7	192.7
13	PDCEDO	B	OTHER DURABLE GOODS	132.81	139.1	145.0	153.3	161.7	170.0	178.1	185.7	192.5	198.8	204.5
14	PDCEN	I	NONDURABLE GOODS	155.01	165.0	174.6	185.1	196.5	208.3	220.1	231.8	242.7	252.7	262.1
15	PDCENF	B	FOOD AND BEVERAGES	162.91	175.9	188.3	199.2	211.4	224.5	237.9	251.6	264.6	276.3	287.2
16	PDCENC	B	CLOTHING AND SHOES	125.91	130.3	134.6	141.9	149.5	157.2	164.6	171.4	177.4	182.8	187.4
17	PDCENG	B	GASOLINE AND OIL	180.61	192.8	205.0	220.9	237.3	254.2	270.9	287.5	303.7	319.6	335.5
18	PDCEN0+H	B	OTHER NONDURABLE GOODS	155.31	164.5	173.5	185.2	197.4	209.8	222.3	234.4	245.9	256.9	267.5
19	PDCES	I	SERVICES	151.31	163.0	175.2	189.1	203.5	218.4	233.2	247.8	261.7	275.1	287.9
20	PDCESH	B	HOUSING	141.41	153.1	165.6	178.3	191.8	205.5	218.8	231.6	243.4	254.5	264.7
21	PDCESS	B	HOUSEHOLD OPERATION SERVICES	157.31	168.2	179.1	191.0	201.4	211.9	222.4	232.6	242.0	250.9	259.2
22	PDCEST	B	TRANSPORTATION SERVICES	154.41	165.6	177.2	190.7	205.2	220.7	236.5	252.0	267.3	282.5	297.2
23	PDCESO	B	OTHER SERVICES	157.21	169.3	181.6	197.0	213.6	230.9	248.4	265.9	282.9	299.5	315.7
24														
25	PDIBF	I	FIXED INVESTMENT	164.71	178.9	192.0	207.3	223.1	239.3	255.8	272.9	289.5	305.1	320.3
26														
27	PDIBFN	B	NONRESIDENTIAL	158.81	171.2	182.4	196.2	210.5	225.4	240.8	256.0	271.3	286.4	301.7
28	PDIBFR	B	RESIDENTIAL	178.61	200.6	221.2	240.5	260.0	280.5	301.3	321.0	340.6	360.1	379.5
29	PDIBFRN	I	NONFARM	179.71	202.1	223.4	243.0	262.7	283.6	304.9	324.7	344.7	364.7	384.8
30	PDIBFRF	E	FARM	179.41	201.1	221.8	234.8	247.9	260.9	273.8	287.0	300.1	313.3	327.4
31	PDIBFRSNNH	B	IMPLICIT DEFLATOR, NON. HOMES	159.21	170.3	180.5	191.4	205.1	219.3	233.6	247.4	260.3	272.5	283.9
32														
33			AVERAGE VALUE OF HOUSING STARTS											
34			(UNIT = $10,000)											
35	PUHSPRSI	B	SINGLES	4.5941	5.034	5.362	5,880	6.451	7,038	7,703	8,418	9,077	9,743	10,385
36	PUHSPRSM	B	MULTIPLES	2.5201	2,703	2,892	3,065	3,269	3,528	3,820	4,092	4,380	4,728	5,096
37	PUHSPRMH	B	MOBILE HOMES	1.6791	1,826	2,021	2,222	2,437	2,672	2,883	3,127	3,410	3,652	3,797
38														
39	PIEA	I	EXPORTS	190.61	201.9	212.3	225.6	239.9	255.2	270.5	285.7	300.1	313.7	326.6
40	PIMA	I	IMPORTS	219.41	236.9	254.6	270.8	206.4	300.8	315.0	329.6	344.4	358.9	375.1
41														
42	PDGVPT	I	GOVERNMENT PURCH OF GOODS & SERV	157.61	168.3	178.6	191.0	204.4	218.5	233.0	247.7	261.9	275.6	289.2
43	PDGVPF	B	FEDERAL	153.21	163.0	172.8	185.0	197.7	210.8	224.0	237.1	249.8	262.1	274.1
44	PDGVPS	B	STATE AND LOCAL	160.21	171.3	181.9	194.5	208.1	222.9	238.1	253.6	268.6	283.1	297.6
45														
46			RETAIL UNIT PRICES, GASOLINE											
47	PURG	I	REG. GRADE GASOLINE, INCL. TAXES	65.31	69.7	74.1	79.9	85.8	91.8	97.8	103.7	109.4	115.0	120.5
48	PURGTS	E	STATE AND LOCAL TAXES	8.61	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.1	10.3	10.5
49	PURGTF	E	FEDERAL TAXES	4.01	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
50	PURGX	B	REG. GRADE GASOLINE, EXCL. TAXES	52.71	56.9	61.1	66.7	72.4	78.3	84.0	89.7	95.3	100.6	106.0

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST., PHILA. PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 23.20 PRICE DEFLATORS, GROWTH RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PDGNP	I	GROSS NATIONAL PRODUCT	7.4	7.1	6.3	7.0	6.9	6.8	6.4	6.0	5.4	4.8	4.4
2														
3	PDYD	B	NATIONAL INCOME	6.9	7.1	6.3	7.0	6.9	6.8	6.4	6.0	5.4	4.8	4.4
4														
5	PDCF	I	PERSONAL CONSUMPTION	6.9	7.0	6.5	6.8	6.6	6.4	6.0	5.6	5.0	4.5	4.1
6	PDCED	I	DURABLE GOODS	5.5	6.0	5.3	5.8	5.1	4.9	4.6	4.2	3.9	3.6	3.3
7	PDCEDA	I	AUTOS AND PARTS	7.5	8.4	7.0	5.5	4.7	5.1	5.3	4.8	4.8	4.6	4.3
8	PDCEDAVN	B	NEW CARS	8.0	7.0	5.7	6.0	4.2	4.4	4.5	4.1	4.0	3.8	3.7
9	PDCEDAVU	B	USED CARS	6.3	11.8	11.6	6.6	4.8	5.5	5.7	5.9	5.7	5.6	4.6
10	PDCEDAVR+T	B	RECREATIONAL VEH. AND TRUCKS	8.0	7.6	6.5	6.7	6.7	6.7	6.5	5.9	5.6	5.2	4.9
11	PDCEDAP	B	TIRES, TUBES AND PARTS	6.8	8.3	7.2	6.5	6.2	6.1	5.9	5.4	4.8	4.4	4.1
12	PDCEDF	B	FURNITURE AND HOUSEHOLD EQUIPMENT	3.9	4.7	3.9	5.6	5.2	4.8	4.3	3.9	3.3	3.0	2.6
13	PDCEDO	B	OTHER DURABLE GOODS	4.6	4.8	4.2	5.7	5.5	5.2	4.8	4.2	3.7	3.3	2.9
14	PDCEN	I	NONDURABLE GOODS	6.9	6.4	5.8	6.0	6.1	6.0	5.7	5.3	4.7	4.1	3.7
15	PDCENF	B	FOOD AND BEVERAGES	9.7	7.9	7.1	5.7	6.1	6.2	6.0	5.8	5.1	4.4	3.9
16	PDCENC	B	CLOTHING AND SHOES	3.0	3.5	3.3	5.4	5.4	5.1	4.7	4.1	3.5	3.0	2.5
17	PDCENG	B	GASOLINE AND OIL	3.6	6.7	6.4	7.8	7.4	7.1	6.6	6.1	5.6	5.2	5.0
18	PDCENO+H	B	OTHER NONDURABLE GOODS	5.6	5.9	5.5	6.7	6.6	6.3	6.0	5.4	4.9	4.5	4.1
19	PDCES	I	SERVICES	7.3	7.7	7.5	7.9	7.6	7.3	6.8	6.3	5.6	5.1	4.7
20	PDCESH	B	HOUSING	7.5	8.3	8.2	7.7	7.6	7.1	6.5	5.9	5.1	4.5	4.0
21	PDCESS	B	HOUSEHOLD OPERATION SERVICES	6.9	6.9	6.5	6.6	5.5	5.2	4.9	4.6	4.1	3.6	3.3
22	PDCEST	B	TRANSPORTATION SERVICES	7.7	7.2	7.0	7.6	7.6	7.5	7.2	6.6	6.1	5.7	5.2
23	PDCESO	B	OTHER SERVICES	7.3	7.7	7.3	8.5	8.4	8.1	7.6	7.0	6.4	5.9	5.4
24														
25	PDIBF	I	FIXED INVESTMENT	9.4	8.6	7.3	7.9	7.7	7.2	6.9	6.7	6.1	5.4	5.0
26														
27	PDIBFN	B	NONRESIDENTIAL	8.2	7.9	6.5	7.6	7.3	7.1	6.8	6.3	6.0	5.6	5.3
28	PDIBFR	B	RESIDENTIAL	12.1	12.3	10.3	8.7	8.1	7.9	7.4	6.5	6.1	5.7	5.4
29	PDIBFRN	I	NONFARM	12.3	12.5	10.5	8.8	8.1	8.0	7.5	6.5	6.2	5.8	5.5
30	PDIBFRF	E	FARM	12.3	12.1	10.3	5.8	5.6	5.2	5.0	4.8	4.6	4.4	4.5
31	PDIBFRSNNH	B	IMPLICIT DEFLATOR, NON. NONRES.	8.0	7.0	6.0	6.0	7.1	6.9	6.5	5.9	5.2	4.7	4.2
32														
33			AVERAGE VALUE OF HOUSING STARTS											
34	PUHSPRSI	B	SINGLES	20.6	9.6	6.5	9.7	9.7	9.1	9.4	9.3	7.8	7.3	6.6
35	PUHSPRSM	B	MULTIPLES	29.0	7.3	7.0	6.0	6.6	7.9	8.3	7.1	7.0	8.0	7.8
36	PUHSPRMH	B	MOBILE HOMES	15.2	8.7	10.7	10.0	9.7	9.6	7.9	8.5	9.0	7.1	4.0
37														
38	PIEA	I	EXPORTS	6.7	5.9	5.1	6.3	6.3	6.4	6.0	5.6	5.0	4.5	4.1
39	PIMA	I	IMPORTS	4.3	7.9	7.5	6.4	5.8	5.0	4.7	4.7	4.5	4.2	4.5
40														
41	PDGVPT	I	GOVERNMENT PURCH OF GOODS & SERV	7.3	6.7	6.1	7.0	7.0	6.9	6.7	6.3	5.7	5.3	4.9
42	PDGVPF	B	FEDERAL	7.3	6.4	6.0	7.1	6.9	6.6	6.3	5.9	5.3	4.9	4.6
43	PDGVPS	B	STATE AND LOCAL	7.9	6.9	6.2	6.9	7.0	7.1	6.8	6.5	5.9	5.4	5.1
44														
45			RETAIL UNIT PRICES, GASOLINE											
46	PURG	I	REG. GRADE GASOLINE, INCL. TAXES	3.6	6.7	6.4	7.7	7.4	7.0	6.5	6.0	5.5	5.1	4.8
47	PURGTS	E	STATE AND LOCAL TAXES	2.7	2.3	2.3	2.0	1.9	1.9	1.9	2.1	2.0	2.0	1.9
48	PURGTF	E	FEDERAL TAXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	PURGX	B	REG. GRADE GASOLINE, EXCL. TAXES	4.0	7.9	7.0	9.1	8.6	8.1	7.4	6.8	6.1	5.7	5.3

A PRODUCT OF WHARTON E.F.A., INC., 3624 MARKET ST., PHILA., PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 25.00 GROSS NATIONAL PRODUCT, NATIONAL INCOME, PERSONAL INCOME

LINE	VAR	LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GNP$	I		GROSS NATIONAL PRODUCT----------	2105.7	2308.1	2509.9	2805.0	3131.2	3463.8	3793.7	4175.6	4533.5	4888.1	5239.0
2															
3	CCAT$	I		LESS: CAPITAL CONS ALLOWANCE-------	217.1	242.2	265.9	294.7	327.1	362.7	401.0	441.8	484.6	528.9	575.1
4															
5	NNP$	I		EQUALS: NET NATIONAL PRODUCT-------	1888.7	2065.9	2244.0	2510.3	2804.1	3101.1	3392.7	3733.8	4049.0	4359.3	4663.9
6															
7	TXCB$	I		LESS: INDIRECT BUSINESS TAXES------	177.9	188.3	202.0	216.9	238.7	264.6	292.2	319.5	343.7	368.4	386.7
8															
9	TXCBF$	B		FEDERAL----------	27.8	29.0	29.9	29.5	33.1	36.7	40.2	44.2	47.8	51.3	47.9
10	TXCBS$	B		STATE AND LOCAL----------	150.1	159.3	172.1	187.4	205.5	227.9	252.1	275.3	295.9	317.0	338.8
11															
12	TRBUS	E		BUSINESS TRANSFER PAYMENTS---	10.7	11.8	13.0	13.8	14.6	15.4	16.2	17.0	17.8	18.6	19.4
13															
14	SDS	E		STATISTICAL DISCREPANCY------	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15															
16	GVSUBTS	I	PLUS:	SUBSIDIES LESS CURR SURP-----	3.9	3.5	3.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
17															
18	YN$	I	EQUALS:	NATIONAL INCOME----------	1701.9	1866.3	2029.5	2281.4	2552.6	2822.8	3086.0	3399.1	3689.2	3974.1	4259.5
19															
20	CPADJ$	I	LESS:	CORP. PROFITS & INV. VAL ADJ-	161.5	170.3	186.8	230.7	270.6	302.3	324.3	369.9	402.7	431.7	459.9
21															
22	TXCSTI$	I		CONTRIBUTIONS FOR SOC. INS.--	164.0	188.7	202.9	223.9	249.4	276.4	304.3	335.0	365.8	397.3	430.1
23	TXCSTP$	I		PERS. CONTRIB. FOR SOC. INS.	69.4	77.2	78.1	86.2	96.0	106.4	117.2	129.0	140.8	153.0	165.6
24	SUPTE$	I		EMPL. CONTRIB. FOR SOC. INS.	94.5	111.5	124.8	137.7	153.4	170.0	187.2	206.0	225.0	244.4	264.5
25															
26	WALD$	E		WAGE ACCRUALS LESS DISBURSE.-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27															
28	TRTOP$	I	PLUS:	TRANSFER PAYMENTS----------	226.7	254.5	287.3	314.7	345.5	380.0	417.6	456.7	498.2	541.3	585.3
29															
30	TRGFP$	I		FED. TRANSFERS TO PERSONS---	182.3	204.3	230.6	252.2	276.8	304.6	335.3	367.4	401.8	437.7	474.4
31	TRTOPU$	B		SUPL UNEMPL INS BENEFITS---	9.2	9.8	10.7	9.0	7.2	6.4	6.7	6.9	8.5	10.2	11.7
32	TRGFPOTH$			OTHER TRANSFER PAYMENTS----	173.1	194.5	219.9	243.3	269.6	298.2	328.6	360.5	393.5	427.5	462.7
33	TRGSP$	I		STATE TRANSFER PAYMENTS-----	33.7	38.4	43.6	48.7	54.1	60.0	66.1	72.3	78.6	85.0	91.5
34	TRBUS	E		BUSINESS TRANSFER PAYMENTS--	10.7	11.8	13.0	13.8	14.6	15.4	16.2	17.0	17.8	18.6	19.4
35															
36	YINTGC$	I		INTEREST PAID BY GOV. & CONS.	52.9	63.2	70.6	75.8	80.3	84.4	88.3	91.8	95.2	97.9	100.6
37															
38	YINTC$	E		NET INTEREST PD BY CONSUMERS	33.7	38.3	42.3	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3
39	YINTGF$	E		NET INTEREST PAID (FEDERAL)-	35.5	41.3	44.8	47.0	48.5	49.6	50.5	51.0	51.4	51.1	50.8
40	YINTGS$	E		NET INTEREST PAID (STATE)---	-7.7	-9.3	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
41															
42	YDIVT$	B		DIVIDENDS----------	49.3	56.1	63.2	71.2	80.0	89.1	98.4	108.4	118.7	129.1	139.7
43															
44	YP$	I	EQUALS:	PERSONAL INCOME----------	1705.3	1881.1	2060.9	2288.6	2538.4	2797.6	3061.6	3351.1	3652.8	3913.3	4195.0

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST, PHILA, PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 26.00 NATIONAL INCOME (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	YN$	I	NATIONAL INCOME	1701.9	1866.3	2029.5	2281.4	2552.6	2822.8	3086.0	3399.1	3689.2	3974.1	4259.5
2														
3	WAC$	I	COMPENSATION OF EMPLOYEES	1299.4	1434.1	1563.5	1734.7	1921.6	2118.3	2319.2	2537.4	2752.7	2969.4	3191.8
4														
5	YENTF$	E	FARM INCOME	24.3	28.1	30.7	32.7	34.7	36.7	38.7	40.7	42.7	44.7	47.1
6														
7	YOTH$	B	RENT, INTEREST & PROPRIETORS' INC	239.2	257.8	274.9	312.5	357.4	399.7	440.3	489.7	531.6	570.7	604.8
8	CCAAYRENT$	E	CCA, RENTAL INCOME OF PERSONS	-20.9	-23.1	-25.1	-27.1	-29.1	-31.1	-33.1	-35.1	-37.1	-39.1	-41.1
9	IVAU$	B	PROPRIETORS' INVENTORY VAL ADJ	-1.9	-1.3	-1.7	-2.5	-2.9	-3.4	-3.7	-3.9	-3.8	-3.6	-3.5
10	CCAAYENTB$	E	CCA, PROPRIETORS' INCOME, NONFARM	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11														
12	CPABT$	I	CORPORATE PROFITS AND INV VAL ADJ	161.5	170.3	186.8	230.7	270.6	302.3	324.3	369.9	402.7	431.7	459.9
13														
14	IVAC$	B	INVENTORY VALUATION ADJUSTMENT	-23.0	-20.4	-19.5	-26.8	-31.1	-35.8	-38.3	-40.4	-39.6	-37.8	-36.4
15	CCAACP$	E	CCA, COR PROFITS & IVA	-18.1	-21.4	-24.1	-25.1	-26.1	-27.1	-28.1	-29.1	-30.1	-31.1	-32.1
16														
17	CPUBT$	I	PROFITS BEFORE TAXES	202.6	212.1	230.4	282.6	327.8	365.2	390.7	439.5	472.4	500.6	528.4
18	TXCCT$	I	PROFITS TAX LIABILITY	83.7	82.9	83.7	104.9	123.9	139.2	150.2	170.7	185.3	198.2	210.4
19	CPUAT$	I	PROFITS AFTER TAX	118.9	129.2	146.7	177.7	204.0	226.0	240.5	268.7	287.1	302.4	318.1
20	YDIVT$	B	DIVIDENDS	49.3	56.1	63.2	71.2	80.0	89.1	98.4	108.4	118.7	129.1	139.7
21	RET$	I	UNDISTRIBUTED PROFITS	69.6	73.2	83.6	106.5	124.0	136.8	142.1	160.3	168.4	173.3	178.4

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST, PHILA, PA 19104 WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 27.00 PERSONAL INCOME (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	YP$	I	PERSONAL INCOME----------	1705.3	1881.1	2060.9	2288.6	2538.4	2797.6	3061.6	3351.1	3632.8	3913.3	4195.0
2														
3	WBC$	I	COMPENSATION OF EMPLOYEES--------	1299.4	1439.1	1563.5	1734.7	1921.6	2118.3	2319.2	2537.4	2752.7	2969.4	3191.8
4	WALD$	E	LESS: WAGE ACCRUALS LESS DISBURS.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5														
6	YOTH$	B	RENT, INTEREST AND PROP. INCOME--	239.2	257.8	274.9	312.5	357.4	399.7	440.3	489.7	531.6	570.7	604.8
7	IVAU$	B	PROPRIETORS' INVENTORY VAL ADJ---	-1.9	-1.3	-1.7	-2.5	-2.9	-3.4	-3.7	-3.9	-3.8	-3.6	-3.5
8														
9	YENTF$	E	FARM INCOME----------	24.3	28.1	30.7	32.7	34.7	36.7	38.7	40.7	42.7	44.7	47.1
10														
11	YDIV$	B	DIVIDENDS----------	49.3	56.1	63.2	71.2	80.0	89.1	98.4	108.4	118.7	129.1	139.7
12														
13	YINTGC$	I	INTEREST (CONSUMERS AND GOV.)----	52.95	63.15	70.62	75.79	80.29	84.39	88.29	91.79	95.19	97.89	100.59
14														
15	YINTC$	E	INTEREST PAID BY CONSUMERS------	33.7	38.3	42.3	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3
16	YINTGS$	E	NET INTEREST PAID (STATE)-------	-7.7	-9.3	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
17	YINTGF$	E	NET INTEREST PAID (FEDERAL)-----	35.5	41.3	44.8	47.9	48.5	49.6	50.5	51.0	51.4	51.1	50.8
18														
19	TRTOP$	I	TRANSFER PAYMENTS----------	226.7	254.5	287.3	314.7	345.5	380.0	417.6	456.7	498.2	541.3	585.3
20														
21	TRBU$	E	BUSINESS TRANSFER PAYMENTS------	10.7	11.8	13.0	13.8	14.6	15.4	16.2	17.0	17.8	18.6	19.4
22	TRGFP$	I	FED TRANS PAYMENTS TO PERSONS---	182.3	204.3	230.6	252.2	276.8	304.6	335.3	367.4	401.8	437.7	474.4
23	TRTOPU$	B	SUPL UNEMPLOYMENT INS. BENEFITS	9.2	9.8	10.7	9.0	7.2	6.4	6.7	6.9	8.3	10.2	11.7
24	TRGFPOTH$		OTHER TRANSFER PAYMENTS--------	173.1	194.5	219.9	243.3	269.6	298.2	328.6	360.5	393.5	427.5	462.7
25	TRGSP$	I	STATE TRANSFER PAYMENTS---------	33.7	38.4	43.6	48.7	54.1	60.0	66.1	72.3	78.6	85.0	91.5
26														
27	TXCSTT$	I	LESS: CONTR. FOR SOC. INSUR.-----	164.0	188.7	202.9	223.9	249.4	276.4	304.3	335.0	365.8	397.3	430.1
28														
29	SUPTE$	I	EMPLOYER----------	94.5	111.5	124.8	137.7	153.4	170.0	187.2	206.0	225.0	244.4	264.5
30	TXCSTP$	I	EMPLOYEE----------	69.4	77.2	78.1	86.2	96.0	106.4	117.2	129.0	140.8	153.0	165.6
31														
32	TXCP$	I	LESS: PERSONAL TAX PAYMENTS------	255.2	279.5	299.6	333.8	369.3	408.4	449.8	493.7	537.8	582.4	629.0
33														
34	YPD$	I	EQUALS: DISPOSABLE PERSONAL INCOME	1450.1	1601.5	1761.2	1954.8	2169.0	2389.2	2611.8	2857.3	3094.9	3331.0	3566.0
35														
36	YPDOUT$	I	LESS: PERSONAL OUTLAYS----------	1371.3	1504.9	1642.7	1821.1	2011.6	2213.6	2419.8	2644.2	2861.6	3080.8	3297.0
37														
38	CE$	I	PERSONAL CONSUMPTION EXP.---	1336.5	1465.4	1599.3	1774.7	1962.2	2161.2	2364.4	2585.8	2800.2	3016.4	3229.6
39	YINTC$	E	INTEREST PAID BY CONSUMERS--	33.7	38.3	42.3	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3
40	TRPEF$	E	PERS TRANS PAY. TO FOR.-----	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
41														
42	YPDSAV$	I	EQUALS: PERSONAL SAVINGS----------	78.8	96.7	118.5	133.7	157.4	175.6	192.0	213.1	233.4	250.2	269.0
43														
44	YPDSAVR	B	PERSONAL SAVINGS RATE------	5.4	6.0	6.7	6.8	7.3	7.4	7.4	7.5	7.5	7.5	7.5
45														
46			ADDENDUM: REAL INCOME (1972 $)											
47														
48	YPD	I	REAL DISPOSABLE PERSONAL INCOME--	964.4	995.5	1028.0	1067.9	1111.1	1149.8	1185.2	1228.3	1266.9	1304.5	1341.1

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TABLE 28.00 SOURCES AND USES OF GROSS SAVINGS

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	SVG$		GROSS PRIVATE SAVING----------	320.5	352.6	384.9	455.4	538.6	611.7	674.2	767.6	842.1	910.7	975.4
2														
3	YPDSAV$	I	PERSONAL SAVING----------	78.8	96.7	118.5	133.7	157.4	175.6	192.0	213.1	233.4	250.2	269.0
4	RET$	I	UNDISTRIBUTED CORPORATE PROFITS---	69.6	73.2	83.6	106.5	124.0	136.8	142.1	160.3	168.4	173.3	178.4
5	IVAC$	B	CORPORATE INVENTORY VALUATION ADJ-	-23.0	-20.4	-19.5	-26.8	-31.1	-35.8	-38.3	-40.4	-39.6	-37.8	-36.4
6	CCAADP$	E	CCA ADJUSTMENT, CORP. PROFITS-----	-18.1	-21.4	-24.1	-25.1	-26.1	-27.1	-28.1	-29.1	-30.1	-31.1	-32.1
7	CCAT$	I	CAPITAL CONSUMPTION ALLOWANCES----	217.1	242.2	265.9	294.7	327.1	362.7	401.0	441.8	484.6	528.9	575.1
8	WALD$	E	WAGE ACCRUALS LESS DISBURSEMENTS--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9														
10	GVSURP$		GOVT SURPLUS OR DEFICIT (-)--------	-3.9	-17.6	-39.5	-27.6	-12.6	-0.6	5.6	21.9	25.5	27.2	21.4
11	GVSURPF$	I	FEDERAL GOVT SURP OR DEF(-)--------	-31.0	-40.6	-63.3	-54.4	-41.5	-31.4	-27.1	-13.2	-9.9	-8.7	-17.2
12	GVSURPS$	I	STATE & LOCAL SURP OR DEF(-)-------	27.1	22.9	23.7	26.8	28.9	30.8	32.6	35.1	35.4	35.8	38.6
13														
14	TFBSDR$		CAPITAL GRANTS RECD. BY U. S., NET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15														
16	IBG$		GROSS INVESTMENT----------	322.7	355.6	387.9	458.4	541.6	614.7	677.2	770.6	845.1	913.7	978.4
17	IBT$	I	GROSS PRIVATE DOMESTIC INVESTMENT-	345.7	362.0	388.8	467.4	557.6	631.1	695.9	787.8	852.8	917.0	977.6
18	TBBNFI$		NET FOREIGN INVESTMENT----------	-23.0	-6.4	-0.9	-9.1	-15.9	-16.4	-18.6	-17.2	-7.7	-3.3	0.8
19														
20	SD$	E	STATISTICAL DISCREPANCY----------	2.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
21														
22														
23			ADDENDUM:											
24														
25	VAR1		RATIO PERSONAL SAVING TO----------	24.3	26.1	27.9	27.7	28.6	28.7	28.7	28.6	28.6	28.3	28.2
26			GROSS PRIVATE SAVING											
27														
28	VAR2		RATIO UNDISTRIBUTED CORP. PROFITS,-	14.4	14.2	15.1	16.5	16.8	16.5	15.5	16.1	15.8	15.3	14.9
29			ADJUSTED FOR CORP. IVA,											
30			TO GROSS PRIVATE SAVING											
31														
32	VAR3		RATIO CAP. CONS. ALLOW. TO---------	66.9	65.4	62.7	61.0	59.3	59.2	60.0	59.2	59.3	59.9	60.3

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TABLE 29.00 FINANCIAL SECTOR

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	FM4$	I	MONEY SUPPLY----------	976.2	1061.3	1152.3	1288.6	1443.7	1619.2	1801.0	1987.2	2174.2	2344.3	2510.6
2	FM4$	I	% CHANGE	10.8	8.7	8.6	11.8	12.0	12.2	11.2	10.3	9.4	7.8	7.1
3														
4	FCU$	B	CURRENCY----------	97.7	107.6	118.0	130.9	144.4	162.7	183.9	206.6	228.3	248.2	269.6
5	FCU$	B	% CHANGE	10.3	10.1	9.6	10.9	10.3	12.7	13.0	12.4	10.5	8.7	8.6
6														
7	FDBDP$	B	COMMERCIAL BANK DEMAND DEPOSITS---	265.9	279.6	301.6	335.8	364.0	404.5	460.4	522.5	578.6	630.3	662.3
8	FDBDP$	B	% CHANGE	7.0	5.2	7.9	11.3	8.4	11.1	13.8	13.5	10.7	8.9	5.1
9														
10	FDBT$	B	COMMERCIAL BANK TIME DEPOSITS-----	612.5	674.0	732.7	822.0	935.4	1052.0	1156.7	1258.1	1367.3	1465.8	1578.7
11	FDBT$	B	% CHANGE	12.4	10.0	8.7	12.2	13.8	12.5	9.9	8.8	8.7	7.2	7.7
12														
13	FRRED*T	E	EFFECTIVE RESERVE REQUIREMENT RATIO	0.0466	0.0464	0.0458	0.0457	0.0456	0.0455	0.0454	0.0453	0.0452	0.0451	0.0450
14	FRER$*	I	REQUIRED RESERVES----------	41.0	44.3	47.4	53.0	59.3	66.3	73.5	80.7	88.0	94.6	100.9
15	FREN$*	I	NONBORROWED RESERVES----------	40.2	44.3	47.3	52.8	59.0	66.3	73.7	80.9	87.8	94.4	101.0
16	FREF$*	E	FREE RESERVES----------	-0.7	-0.0	-0.2	-0.2	-0.3	0.0	0.2	0.2	-0.2	-0.2	0.1
17														
18	FRMDFRB	E	DISCOUNT RATE----------	7.43	9.54	8.63	8.88	8.43	8.07	7.56	6.78	6.48	6.57	6.42
19	FRMCP4M	B	PRIME COMMERCIAL PAPER RATE 4-6 MO.	8.10	10.01	8.63	8.79	8.59	7.99	7.35	7.15	6.97	6.90	6.85
20														
21	FRMCS	B	ALL BOND RATE----------	9.06	9.79	9.64	9.77	10.01	9.50	9.26	8.95	8.64	8.37	8.29
22														
23	FRMCSI	B	INDUSTRIAL----------	8.90	9.62	9.47	9.60	9.82	9.33	9.11	8.81	8.51	8.24	8.17
24	FRMCSR	B	RAILS----------	8.74	9.45	9.30	9.44	9.68	9.15	8.92	8.60	8.28	8.00	7.92
25	FRMCSU	B	UTILITIES----------	9.22	9.97	9.81	9.95	10.20	9.66	9.42	9.09	8.77	8.48	8.40
26														
27	FRMBPE	E	RATE ON SAVINGS DEPOSITS----------	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
28	FRMCDC	E	MAX. RATE ON TIME DEP. UNDER REG. Q	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
29														
30	FRMHSE	B	MORTGAGE RATE, NEWLY BUILT HOMES---	9.68	10.46	10.30	10.39	10.52	10.16	9.96	9.76	9.56	9.39	9.33
31	DUMSPREAD	I	DUMMY FOR INTEREST RATE SPREAD-----	0.58	0.20	0.60	0.59	0.76	0.80	0.96	0.92	0.87	0.79	0.78
32														
33	FSEL$	B	EXTERNAL LIABILITIES----------	213.3	254.5	300.1	355.5	406.5	456.5	514.4	583.3	657.6	730.8	804.1
34	FSEC$	B	EXTERNAL CLAIMS----------	104.0	113.9	122.1	132.1	141.2	150.7	162.7	178.2	201.4	226.2	250.1
35														
36	FRMED3M	E	3 MO. EURODOLLAR RATE----------	8.59	10.72	9.04	9.42	9.47	9.12	8.72	8.42	8.22	8.12	8.02

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TABLE 30.00 FEDERAL GOVERNMENT RECEIPTS AND EXPENDITURES (CURRENT $)

LINE	VAR LABEL	ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GVRFS	I RECEIPTS	429.81	467.1	491.6	550.0	614.9	684.3	752.8	833.8	908.0	983.2	1051.5
2													
3	TXCPFS	B PERSONAL INCOME TAX	192.11	209.0	222.0	245.8	269.9	300.8	333.8	369.2	402.9	438.5	473.2
4	TXCCFS	B CORPORATE PROFITS TAX	71.51	69.4	68.6	85.7	100.8	112.3	120.3	135.3	145.6	154.3	162.9
5	TXCRFS	B INDIRECT BUSINESS TAX	27.81	29.0	29.9	29.5	33.1	36.7	40.2	44.2	47.8	51.3	47.9
6	TXCRFEGAS$	B INDIR BUSINESS TAX, GASOLINE	3.11	3.2	3.4	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4
7	TXCRFENG$	E ENERGY BILL RECEIPTS	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	TXCRF-G-E$	INDIR BUSINESS TAX, OTHER	24.71	25.7	26.5	26.0	29.6	33.3	36.7	40.8	44.4	47.9	44.5
9	TXCSFTS	I CONTRIB FOR SOCIAL INSURANCE	138.41	159.8	171.1	189.0	211.1	234.5	258.5	285.1	311.7	339.0	367.5
10	TXCSFTS$	B OASDHI CONTRIBUTIONS	108.81	126.4	133.9	146.6	162.9	180.1	197.7	217.1	236.5	256.4	277.2
11	TXCSFT-S$	B TOTAL LESS OASDHI	29.61	33.3	37.2	42.4	48.2	54.4	60.8	68.0	75.2	82.6	90.2
12													
13	GVEFS	I EXPENDITURES	460.91	507.7	554.9	604.4	656.4	715.7	779.8	847.0	917.9	991.9	1068.6
14													
15	GVPFS	I PURCHASES OF GOODS AND SERVICES	153.31	167.8	181.0	198.0	216.3	235.6	256.0	277.1	298.3	320.0	342.1
16	GVPFDS	I NATIONAL DEFENSE	99.61	106.5	115.3	125.6	136.5	147.9	159.8	172.1	184.4	196.7	209.2
17	GVPFOS	I NONDEFENSE	53.71	61.3	65.7	72.5	79.8	87.7	96.1	104.9	113.9	123.3	132.9
18	TRGFS	I TRANSFER PAYMENTS	185.91	208.4	235.2	257.0	281.8	309.8	340.7	373.0	407.5	443.7	480.5
19	TRGFPS	I TO PERSONS	182.31	204.3	230.6	252.2	276.8	304.6	335.3	367.4	401.8	437.7	474.4
20	TRTOPUS	B SUPL UNEMPL INSUR BENEFITS	9.21	9.8	10.7	9.0	7.2	6.4	6.7	6.9	8.3	10.2	11.7
21	TRGFPFS	FOOD STAMP BENEFITS	4.61	4.1	4.0	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1
22	TRGFPM+VS	MILITARY RET & VET BENEFITS	26.21	29.3	32.6	36.2	40.0	44.1	48.4	52.9	57.4	62.2	67.0
23	TRGFPSHS	MEDICARE	26.01	31.1	37.4	43.0	49.0	55.6	62.8	70.6	78.8	87.6	97.0
24	TRGFPSOS	SOCIAL SECURITY BENEFITS	91.81	104.5	119.6	130.9	144.5	159.2	174.8	191.0	207.5	224.5	242.0
25	TRGFPRES$	OTHER TRANSFER PAYMENTS	24.61	25.6	26.4	28.7	31.4	34.3	37.2	40.3	43.4	46.5	49.6
26	TRGFFS	E TO FOREIGNERS (NET)	3.51	4.1	4.5	4.7	4.9	5.1	5.3	5.5	5.8	6.0	6.2
27	GVGIAS	E GRANTS-IN-AID TO STATE, LOC GOV	76.31	80.7	84.4	91.7	99.2	110.0	122.0	135.3	150.1	166.4	184.5
28	YINTGFS	E NET INTEREST PAID	35.51	41.3	44.8	47.0	48.5	49.6	50.5	51.0	51.4	51.1	50.8
29	GVSUBTFS	E SUBSIDIES LESS CURRENT SURPLUS	9.91	9.5	9.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
30	GVSURPFS	I SURPLUS OR DEFICIT (-)	-31.01	-40.6	-63.3	-54.4	-41.5	-31.4	-27.1	-13.2	-9.9	-8.7	-17.2
31													
32		EFFECTIVE TAX RATES (%)											
33	TXCPFS/YPS	PERSONAL INCOME TAX	11.271	11.11	10.77	10.74	10.63	10.75	10.90	11.02	11.09	11.21	11.28
34	TXCCFS/CPURTS	CORPORATE PROFITS TAX	35.301	32.69	29.77	30.34	30.74	30.76	30.78	30.80	30.81	30.82	30.83
35	TXCRFS/YNS	INDIRECT BUSINESS TAX	1.631	1.55	1.47	1.29	1.30	1.30	1.30	1.30	1.30	1.29	1.12
36	TXCRFEGAS/CENG	INDIR BUSINESS TAX, GASOLINE	6.121	5.74	5.39	5.01	4.66	4.36	4.09	3.86	3.66	3.48	3.32
37	TXCRF-G-E$/YNS	INDIR BUSINESS TAX, OTHER	1.451	1.38	1.31	1.14	1.16	1.18	1.19	1.20	1.20	1.21	1.04
38	TXCSFTS/WBCS	CONTRIBUTIONS FOR SOCIAL INSURANCE	10.651	11.14	10.94	10.90	10.99	11.07	11.15	11.24	11.32	11.42	11.51

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TABLE 51.00 STATE AND LOCAL RECEIPTS AND EXPENDITURES (CURRENT $)

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	GVRS$	I	/ RECEIPTS	327.2	352.9	381.0	421.0	465.6	514.4	565.9	620.5	674.6	729.5	789.3
2														
3	TXCPS$	A	PERSONAL INCOME TAX	63.1	70.5	77.6	87.9	99.5	107.6	116.0	124.6	134.9	143.8	155.9
4	TXCCS$	A	CORPORATE PROFITS TAX	12.2	13.5	15.1	19.1	23.1	26.9	30.0	35.4	39.7	43.9	47.5
5	TXCBS$	A	INDIRECT BUSINESS TAX	150.1	159.3	172.1	187.4	205.5	227.9	252.1	275.3	295.9	317.0	338.8
6	TXCBSSGAS$	A	INDIRECT BUSINESS TAX, GASOLINE	6.6	7.1	7.6	7.9	8.2	8.3	8.4	8.5	8.7	8.8	8.9
7	TXCBS-GAS$		INDIRECT BUSINESS TAX, OTHER	143.4	152.1	164.5	179.5	197.4	219.6	243.6	266.8	287.2	308.3	329.9
8	TXCSST$	A	CONTRIB FOR SOCIAL INSURANCE	25.6	28.9	31.7	34.9	38.3	42.0	45.8	49.9	54.1	58.3	62.6
9	GVGIA$	E	FEDERAL GRANTS-IN-AID	76.3	80.7	84.4	91.7	99.2	110.0	122.0	135.3	150.1	166.4	184.5
10														
11	GVES$	I	EXPENDITURES	300.1	330.0	357.3	394.2	436.7	483.5	533.2	585.4	639.2	693.6	750.7
12														
13	GVPS$	I	PURCHASES OF GOODS AND SERVICES	280.1	306.9	330.3	362.2	399.2	440.2	483.8	529.8	577.3	625.3	675.9
14	GVPSOED$	I	EDUCATION	115.6	126.6	134.8	146.2	159.4	173.9	189.0	204.5	220.3	235.7	251.7
15	GVPSOHW-C$	I	HEALTH AND WELFARE	64.7	70.9	77.2	86.7	97.9	110.6	124.5	139.6	155.8	172.7	191.0
16	GVPSOHWC$	I	SAFETY	22.0	24.2	25.9	28.7	31.9	35.6	39.5	43.6	48.0	52.4	57.1
17	GVPSORES$	I	OTHER	77.7	85.2	92.5	100.6	109.9	120.1	130.9	142.0	153.3	164.5	176.1
18	TRGSP$	I	TRANSFER PAYMENTS	33.7	38.4	43.6	48.7	54.1	60.0	66.1	72.3	78.6	85.0	91.5
19	YINTGS$	E	NET INTEREST PAID	-7.7	-9.3	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
20	GVSUBTS$	E	LESS: CURR SURP OF GOVT ENTER	-5.9	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0
21	GVSURPS$	I	SURPLUS OR DEFICIT (-)	27.1	22.9	23.7	26.8	28.9	30.8	32.6	35.1	35.4	35.8	38.6
22														
23			EFFECTIVE TAX RATES (%)											
24														
25	TXCPS$/YP$		PERSONAL INCOME TAX	3.70	3.75	3.77	3.84	3.92	3.85	3.79	3.72	3.71	3.67	3.72
26	TXCCS$/CPURT$		CORPORATE PROFITS TAX	6.01	6.39	6.55	6.77	7.05	7.36	7.68	8.05	8.41	8.77	8.98
27	TXCBS$/YN$		INDIRECT BUSINESS TAX	8.82	8.54	8.48	8.21	8.05	8.07	8.17	8.10	8.02	7.98	7.95
28	TXCBSSGAS/CENG		INDIRECT BUSINESS TAX, GASOLINE	13.17	12.62	12.14	11.49	10.90	10.38	9.93	9.56	9.24	8.97	8.72
29	TXCBS-GAS$/YN$	I	INDIRECT BUSINESS TAX, OTHER	8.43	8.15	8.11	7.87	7.73	7.78	7.90	7.85	7.79	7.76	7.75
30	TXCSST$/WBC$		CONTRIBUTIONS FOR SOCIAL INSURANCE	1.97	2.01	2.03	2.01	1.99	1.98	1.97	1.97	1.96	1.96	1.96

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TABLE 37.00 PERSONAL AND INDIRECT TAX RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1			STATE TAXES (EFFECTIVE RATES)											
2														
3	TXRPIES	I	PERSONAL INCOME----------	4.071	4.14	4.19	4.27	4.35	4.26	4.20	4.12	4.12	4.08	4.13
4	TXRSIES	I	SOCIAL INSURANCE----------	2.121	2.18	2.21	2.18	2.16	2.15	2.15	2.14	2.14	2.14	2.14
5	TXRCIES	I	CORPORATE INCOME----------	6.011	6.39	6.55	6.77	7.05	7.36	7.68	8.05	8.41	8.77	8.98
6	TXRBIES	I	INDIRECT TAXES----------	8.821	8.54	8.48	8.21	8.05	8.07	8.17	8.10	8.02	7.98	7.95
7														
8			FEDERAL TAXES											
9														
10	TXRPIEF	I	PERSONAL INCOME (AVE RATE)---	12.941	12.80	12.52	12.47	12.33	12.45	12.62	12.74	12.83	12.97	13.07
11														
12	TXRPINFY1	E	TAX RATE 1ST BRACKET-------	14.001	11.59	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16
13	TXRPINFY2	E	TAX RATE 2ND BRACKET-------	15.001	14.24	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96
14	TXRPINFY3	E	TAX RATE 3RD BRACKET-------	16.001	15.66	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35
15	TXRPINFY4	E	TAX RATE 4TH BRACKET-------	17.001	16.28	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95
16	TXRPINFY5	E	TAX RATE 5TH BRACKET-------	19.001	18.11	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74
17	TXRPINFY6	E	TAX RATE 6TH BRACKET-------	22.001	20.83	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42
18	TXRPINFY7	E	TAX RATE 7TH BRACKET-------	25.001	23.80	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33
19	TXRPINFY8	E	TAX RATE 8TH BRACKET-------	28.001	27.46	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92
20	TXRPINFY9	E	TAX RATE 9TH BRACKET-------	32.001	31.13	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50
21														
22			INCOME PROP. BY TAX BRACKET											
23														
24	TXOPFY1	B	PROPORTION IN 1ST BRACKET--	0.042610	0.0319	0.0289	0.0277	0.0268	0.0258	0.0244	0.0215	0.0192	0.0170	0.0153
25	TXOPFY2	B	PROPORTION IN 2ND BRACKET--	0.045710	0.0350	0.0319	0.0304	0.0293	0.0281	0.0266	0.0235	0.0209	0.0186	0.0167
26	TXOPFY3	B	PROPORTION IN 3RD BRACKET--	0.066210	0.0513	0.0453	0.0424	0.0400	0.0377	0.0349	0.0302	0.0261	0.0223	0.0191
27	TXOPFY4	B	PROPORTION IN 4TH BRACKET--	0.058410	0.0554	0.0520	0.0490	0.0465	0.0442	0.0414	0.0365	0.0322	0.0284	0.0252
28	TXOPFY5	B	PROPORTION IN 5TH BRACKET--	0.300710	0.2822	0.2767	0.2683	0.2667	0.2659	0.2639	0.2568	0.2514	0.2467	0.2422
29	TXOPFY6	B	PROPORTION IN 6TH BRACKET--	0.205610	0.2245	0.2291	0.2293	0.2286	0.2286	0.2301	0.2340	0.2368	0.2393	0.2424
30	TXOPFY7	B	PROPORTION IN 7TH BRACKET--	0.120610	0.1467	0.1553	0.1602	0.1625	0.1636	0.1663	0.1777	0.1864	0.1938	0.2002
31	TXOPFY8+	B	PROPORTION IN 8TH BRACKET--	0.160210	0.1730	0.1808	0.1928	0.1995	0.2061	0.2122	0.2198	0.2271	0.2340	0.2388
32														
33			EXEMPTIONS & DEDUCTIONS											
34			(MILLION CURRENT $)											
35														
36	TXOPFRN	B	TOTAL NUMBER OF RETURNS----	90.521	93.13	96.33	99.40	102.26	104.64	106.51	108.47	110.10	111.68	113.21
37	TXOPFEN	B	NUMBER OF EXEMPTIONS-------	230.661	232.56	235.24	238.43	241.44	243.97	245.95	248.12	249.94	251.68	253.37
38	TXOPFEV$	E	VALUE OF EXEMPTIONS (THOU)-	0.7501	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
39	TXOPFRN$	I	NUMBER OF STAN DEDUCTIONS--	58.221	59.08	60.25	61.30	61.93	62.20	61.96	61.95	61.82	61.76	61.51
40	TXOPFRNI	I	NUMBER OF ITEM DEDUCTIONS--	32.301	34.05	36.07	38.10	40.33	42.44	44.55	46.52	48.28	49.92	51.70
41	TXOPFDVSPR$	E	VALUE OF STAN DEDUC PER RET	2.5301	2.689	2.870	3.047	3.224	3.405	3.578	3.750	3.922	4.094	4.266
42	TXOPFDVIPR$	B	VALUE OF ITEM DEDUC PER RET	6.2881	6.127	6.222	6.941	7.733	8.573	9.439	10.411	11.360	12.294	13.194
43	TXOPFDV$$	I	VALUE OF STAN DEDUCTIONS---	147.31	158.9	172.9	186.7	199.6	211.8	221.7	232.3	242.4	252.8	262.4
44	TXOPFDVI$	I	VALUE OF ITEM DEDUCTIONS---	203.11	208.6	224.4	264.5	311.9	363.8	420.5	484.3	548.5	613.7	682.2
45	TXOPFDV$	I	VALUE OF DEDUCTIONS--------	350.41	367.5	397.4	451.2	511.5	575.6	642.1	716.6	790.9	866.5	944.5
46	RATXOPFRN$	B	RATIO: SD RETURNS TO TOTAL-	0.643110	0.6304	0.6255	0.6167	0.6056	0.5948	0.5817	0.5712	0.5615	0.5530	0.5433

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TABLE 37.00 PERSONAL AND INDIRECT TAX RATES

LINE	VAR LABEL		ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	YPTAX3$	I	TAXABLE INCOME (NIA BASIS)---	1024.6	1103.7	1219.1	1370.4	1535.9	1704.4	1873.1	2058.6	2234.6	2406.8	2577.4
2														
3	TXRBTEF	I	INDIRECT TAXES----------	1.631	1.55	1.47	1.29	1.30	1.30	1.30	1.30	1.30	1.29	1.12
4														
5			SOCIAL INSURANCE											
6														
7	TXRSTEF	I	EFFECTIVE TAX RATE----------	11.491	12.08	11.89	11.84	11.94	12.03	12.13	12.23	12.33	12.44	12.55
8	TXRSTNF	E	STATUTORY TAX RATE RATE-----	12.101	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
9	TXOSMIND	E	EFFECTIVE COVERAGE----------	0.901	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
10	TXOSMAXY$	E	EARNINGS BASE---------------	17.701	22.90	22.90	22.90	24.50	26.22	28.05	30.02	32.12	34.37	36.77
11			RATIOS (%))											
12	TXCSTPS/TXCSTT$	E	PERS CONTRIB TO SI / TOTAL-	42.341	40.91	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50
13	RAWLS$	B	TAXABLE ERNGS / COV ERNGS--	85.351	89.00	89.88	88.40	88.27	88.15	88.09	88.04	88.11	88.28	88.51
14	RAWLSC	E	COV ERNGS / TOT PRIV ERNGS-	92.001	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00
15			NON-OASDHI CONTRIB TO SI /											
16	RATXC$FT-$	E	PERS INC LESS TRANSFERS---	2.001	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	CCAACPS	E	-18.12	-21.43	-24.11	-25.11	-26.11	-27.11	-28.11	-29.11	-30.11	-31.11	-32.11
2	CCAAYENTHS	E	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
3	CCAAYENTFS	E	-5.23	-5.76	-6.56	-7.36	-8.16	-8.96	-9.76	-10.56	-11.36	-12.16	-12.96
4	CCAAYRENTS	E	-20.94	-23.08	-25.08	-27.08	-29.08	-31.08	-33.08	-35.08	-37.08	-39.08	-41.08
5	CCARNTAG	E	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
6	CCARNTCO	E	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
7	CCARNTMFD20	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	CCARNTMFD25	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
9	CCARNTMFD32	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10	CCARNTMFD33	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
11	CCARNTMFD34	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	CCARNTMFD35	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13	CCARNTMFD36	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
14	CCARNTMFD379P2	E	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
15	CCARNTMFD371	E	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
16	CCARNTMFD38	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
17	CCARNTMFN20	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
18	CCARNTMFN21	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
19	CCARNTMFN22	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
20	CCARNTMFN23	E	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
21	CCARNTMFN26	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
22	CCARNTMFN27	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
23	CCARNTMFN28	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
24	CCARNTMFN29	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
25	CCARNTMFN30	E	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
26	CCARNTMFN31	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
27	CCARNTMG	E	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
28	CCARNTRGC48	E	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
29	CCARNTRGT	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
30	CCARNTRGU49	E	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
31	CCARRMH	E	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
32	CCARRSM	E	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061
33	CCARRSJ	E	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863
34	CEDAVR+T/VN	E	23.18	25.85	28.86	28.96	29.06	29.16	29.26	29.36	29.46	29.56	29.66
35	CENCGS/P	F	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09
36	CENFGS/P	F	3.40	3.30	3.30	3.30	3.37	3.43	3.50	3.57	3.64	3.72	3.79
37	CESOPSS/P	E	15.60	15.90	16.10	16.10	16.30	16.50	16.70	16.90	17.10	17.30	17.50
38	DUMAUTOCA	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	DUMAUTOS	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	DUMAUTOS70	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	DUMCCA	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	DUMDOCK	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	DUMEXPO	F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	DUMFRMCDC	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	DUMFRMCDCOFF	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
46	DUMIPW1	F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	DUMIPW2	F	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
48	DUMITL	F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	DUMPRO	F	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	DUMPXMFD25	F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	DUMPXMFD20	F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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WHARTON ANNUAL AND INDUSTRY FORECASTING MODEL
HIGHER PRODUCTIVITY ALTERNATIVE - DECEMBER 6, 1978

TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	DUMPXMFN22	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	DUMPXMFN26	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	DUMSTLS	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	DUMSTPMFD25	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	DUMSTPMFD373P2	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	DUMSTPMFN26	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	DUMSTPMFN30	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	DUMSTPMG	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	DUMTIME46	E	78.00	79.00	80.00	81.00	82.00	83.00	84.00	85.00	86.00	87.00	88.00
10	DUMTRTOPD	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	DUMTXCBAUTO	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12	DUMTXCR65	E	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	DUMTXCPF65	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	DUMTXCPF69	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	DUMTXCPF72	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	DUMTXCPF73	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	DUMTXPF47,71	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	DUMTXPF64,69	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	DUMTXPF70,71	E	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77
20	DUMTXPF71	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	DUMWAR	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	DUMWRCMFD33	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	DUMWRCMFN21	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	DUM70-74	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	FREF$*	E	-0.734	-0.000	-0.154	-0.200	-0.300	0.0	0.200	0.200	-0.200	-0.200	0.100
26	FRMBPE	E	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
27	FRMCDC	E	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
28	FRMDFRB	E	7.43	9.54	8.63	8.88	8.43	8.07	7.56	6.78	6.48	6.57	6.42
29	FRMFD3M	F	8.59	10.72	9.04	9.42	9.47	9.12	8.72	8.42	8.22	8.12	8.02
30	FRRED*T	F	0.0466	0.0464	0.0458	0.0457	0.0456	0.0455	0.0454	0.0453	0.0452	0.0451	0.0450
31	GVGIA$	E	76.30	80.67	84.45	91.70	99.20	110.01	122.00	135.30	150.05	166.41	184.54
32	GVPF/NEETTGVF	E	36.281	37.164	37.801	38.556	39.311	40.066	40.821	41.576	42.331	43.086	43.841
33	GVPFD	E	65.05	65.34	66.72	67.86	69.01	70.18	71.37	72.58	73.81	75.07	76.31
34	GVPFO	E	35.04	37.61	37.99	39.17	40.38	41.63	42.92	44.25	45.62	47.04	48.47
35	GVPS/NEETTGVS	E	13.601	13.623	13.403	13.583	13.763	13.943	14.123	14.303	14.483	14.663	14.863
36	GVPSOED	E	72.15	73.97	74.11	75.21	76.60	78.02	79.35	80.64	82.01	83.27	84.59
37	GVPSOHW-C	E	40.42	41.42	42.43	44.60	47.05	49.64	52.30	55.06	57.99	60.99	64.17
38	GVPSOHWC	E	13.76	14.19	14.24	14.76	15.35	15.96	16.58	17.20	17.86	18.52	19.21
39	GVPSORES	E	48.51	49.71	50.83	51.71	52.80	53.91	54.96	55.99	57.08	58.10	59.19
40	GVSUBTF$	E	9.87	9.47	9.52	10.72	10.72	10.72	10.72	10.72	10.72	10.72	10.72
41	GVSUBTS$	E	-5.92	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00	-6.00
42	HDRTOSM	F	1.214	1.203	1.221	1.204	1.188	1.171	1.155	1.139	1.123	1.106	1.106
43	HDRTOSI	E	0.595	0.592	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595
44	HSPRF	E	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
45	HSPUSM	F	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	HSPUSI	F	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
47	IAMFN21	F	0.17	0.17	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25
48	IBFRF	F	1.32	1.28	1.38	1.48	1.58	1.68	1.78	1.88	1.98	2.08	2.18
49	IBFRF	F	0.82	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
50	IBIF	F	-0.70	-0.12	0.25	0.45	0.02	-0.17	0.05	0.17	0.13	0.10	0.10
51	ITRAAG	E	5.920	5.920	7.696	7.696	7.696	7.696	7.696	7.696	7.696	7.696	7.696

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	ITRACM		E	5.29	5.29	6.87	6.87	6.87	6.87	6.87	6.87	6.87	6.87	6.87
2	ITRAMFD24		E	8.46	8.46	10.99	10.99	10.99	10.99	10.99	10.99	10.99	10.99	10.99
3	ITRAMFD25		E	6.55	6.55	8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52
4	ITRAMFD32		E	8.14	8.14	10.58	10.58	10.58	10.58	10.58	10.58	10.58	10.58	10.58
5	ITRAMFD33		E	8.56	8.56	11.12	11.12	11.12	11.12	11.12	11.12	11.12	11.12	11.12
6	ITRAMFD34		E	7.88	7.88	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25
7	ITRAMFD35		E	6.31	6.31	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
8	ITRAMFD36		E	7.93	7.93	10.31	10.31	10.31	10.31	10.31	10.31	10.31	10.31	10.31
9	ITRAMFD379P2		E	7.31	7.31	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
10	ITRAMFD371		E	8.97	8.97	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66
11	ITRAMFD38		E	7.57	7.57	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84
12	ITRAMFN20		E	7.74	7.74	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07
13	ITRAMFN21		E	8.41	8.41	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93
14	ITRAMFN22		E	8.38	8.38	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89	10.89
15	ITRAMFN23		E	7.02	7.02	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12
16	ITRAMFN26		E	9.10	9.10	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83	11.83
17	ITRAMFN27		E	7.89	7.89	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26
18	ITRAMFN28		E	8.69	8.69	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29
19	ITRAMFN29		E	6.31	6.31	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20	8.20
20	ITRAMFN30		E	8.16	8.16	10.61	10.61	10.61	10.61	10.61	10.61	10.61	10.61	10.61
21	ITRAMFN31		E	5.18	5.18	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74	6.74
22	ITRAMG		E	6.19	6.19	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05
23	ITRARGC48		E	5.02	5.02	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53
24	ITRARGT		E	6.30	6.30	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19
25	ITRARGU49		E	5.58	5.58	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25
26	LNTAG		E	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05	14.05
27	LNTCM		E	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17
28	LNTMFD24		E	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61	13.61
29	LNTMFD25		E	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81	18.81
30	LNTMFD32		E	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26	17.26
31	LNTMFD33		E	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60	17.60
32	LNTMFD34		E	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40	16.40
33	LNTMFD35		E	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86	16.86
34	LNTMFD36		E	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30
35	LNTMFD379P2		E	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46	16.46
36	LNTMFD371		E	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64
37	LNTMFD38		E	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60	16.60
38	LNTMFN20		E	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04	17.04
39	LNTMFN21		E	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97	16.97
40	LNTMFN22		E	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37	15.37
41	LNTMFN23		E	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29	16.29
42	LNTMFN26		E	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73	15.73
43	LNTMFN27		E	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
44	LNTMFN28		E	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37	13.37
45	LNTMFN29		E	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63	24.63
46	LNTMFN30		E	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30	16.30
47	LNTMFN31		E	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44	18.44
48	LNTMG		E	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17	21.17
49	LNTRGC48		E	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75	23.75
50	LNTRGT		E	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11	23.11
51	LNTRGU49		E	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90	33.90

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	MPGC	E	11,290	12,010	12,900	14,160	15,420	16,685	17,319	17,682	17,859	18,038	18,218
2	MPGD	E	20,950	22,220	23,780	25,920	28,045	30,149	31,114	31,518	31,754	31,993	32,232
3	MVR	E	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350	0,350
4	NCE	E	58,26	59,27	60,26	61,27	62,31	63,32	64,29	65,20	66,10	66,97	67,82
5	NCH	E	75,94	77,50	79,06	80,65	82,24	83,82	85,36	86,86	88,31	89,74	91,14
6	NCU	E	21,57	22,12	22,68	23,24	23,78	24,32	24,86	25,40	25,90	26,39	26,88
7	NEHNSE	E	6278,66	6435,00	6597,49	6807,00	6917,00	7006,00	7084,00	7169,00	7269,00	7371,00	7482,00
8	NEHNUF	E	478,17	470,00	470,00	470,00	470,00	470,00	470,00	470,00	470,00	470,00	470,00
9	NEHNWS-ET	E	-1388,51	-1500,28	-1500,44	-1476,00	-1452,00	-1450,00	-1467,00	-1486,50	-1496,00	-1490,00	-1475,00
10	NLM	E	2,12	2,09	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07
11	NLMHDTT	E	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
12	NPFR	E	1836,899	1853,899	1870,800	1916,600	1944,200	1962,100	1978,399	1994,100	2007,800	2021,200	2034,600
13	NPFR15,19	E	55,2000	55,4000	55,5000	55,8000	55,5000	54,7000	53,8000	52,8000	52,1400	51,4800	50,8200
14	NPFR20,24	E	118,3000	121,3000	120,2000	128,2000	131,2000	133,5000	135,6000	137,4000	138,3200	139,2400	140,1600
15	NPTF16,17	E	4,13	4,06	3,99	3,89	3,70	3,55	3,46	3,44	3,50	3,56	3,47
16	NPTF18,19	E	4,21	4,23	4,22	4,15	4,09	3,97	3,79	3,63	3,54	3,52	3,58
17	NPTF20,24	E	10,16	10,30	10,39	10,49	10,47	10,42	10,34	10,18	9,89	9,60	9,29
18	NPTF25,29	E	9,06	9,25	9,49	9,69	9,92	10,10	10,24	10,33	10,42	10,41	10,35
19	NPTF30,34	E	8,01	8,35	8,69	9,14	9,11	9,27	9,47	9,70	9,91	10,14	10,32
20	NPTF35,39	E	6,67	6,94	7,17	7,29	7,86	8,10	8,44	8,79	9,24	9,21	9,36
21	NPTF40,44	E	5,80	5,90	6,00	6,14	6,36	6,72	6,99	7,22	7,34	7,91	8,15
22	NPTF45,49	E	5,82	5,78	5,65	5,64	5,67	5,73	5,83	5,92	6,07	6,28	6,64
23	NPTF50,54	E	6,13	6,06	6,02	5,94	5,86	5,79	5,71	5,62	5,61	5,64	5,70
24	NPTF55,59	E	5,87	5,93	5,94	5,95	5,90	5,86	5,80	5,76	5,69	5,61	5,53
25	NPTF60,64	E	5,01	5,09	5,21	5,32	5,46	5,56	5,62	5,63	5,63	5,59	5,55
26	NPTF65,69	E	4,77	4,82	4,84	4,88	4,90	4,94	5,02	5,14	5,25	5,38	5,48
27	NPTF70,74	E	3,67	3,80	3,94	4,03	4,10	4,16	4,20	4,22	4,26	4,28	4,31
28	NPTF75+	E	5,80	5,94	6,08	6,24	6,40	6,58	6,77	6,98	7,15	7,32	7,50
29	NPTM16,17	E	4,29	4,22	4,16	4,04	3,84	3,69	3,60	3,58	3,64	3,73	3,62
30	NPTM18,19	E	4,30	4,32	4,32	4,24	4,18	4,06	3,87	3,71	3,62	3,60	3,67
31	NPTM20,24	E	10,29	10,43	10,51	10,61	10,60	10,54	10,47	10,31	10,02	9,71	9,40
32	NPTM25,29	E	8,98	9,18	9,43	9,62	9,85	10,02	10,15	10,24	10,33	10,31	10,26
33	NPTM30,34	E	7,88	8,21	8,55	8,99	8,97	9,13	9,33	9,57	9,77	9,99	10,17
34	NPTM35,39	E	6,39	6,65	6,87	7,00	7,57	7,81	8,14	8,49	8,92	8,89	9,04
35	NPTM40,44	E	5,52	5,61	5,69	5,84	6,05	6,41	6,67	6,89	7,02	7,58	7,83
36	NPTM45,49	E	5,54	5,47	5,38	5,36	5,38	5,43	5,52	5,60	5,75	5,95	6,31
37	NPTM50,54	E	5,70	5,66	5,64	5,60	5,54	5,47	5,39	5,31	5,29	5,31	5,36
38	NPTM55,59	E	5,37	5,43	5,45	5,46	5,42	5,40	5,37	5,35	5,31	5,25	5,18
39	NPTM60,64	E	4,41	4,48	4,58	4,68	4,82	4,91	4,97	4,99	4,99	4,96	4,95
40	NPTM65,69	E	3,79	3,84	3,87	3,90	3,92	3,95	4,01	4,11	4,21	4,33	4,41
41	NPTM70,74	E	2,68	2,76	2,86	2,91	2,97	3,01	3,06	3,08	3,11	3,13	3,15
42	NPTM75+	E	3,28	3,34	3,41	3,48	3,56	3,65	3,74	3,85	3,93	4,02	4,10
43	NPTN0A	E	14,40	14,30	14,20	14,10	14,00	13,90	13,80	13,70	13,60	13,50	13,40
44	NPTN0,04	E	15,36	15,68	16,09	16,69	17,33	17,95	18,48	18,88	19,15	19,33	19,45
45	NPTN5,09	E	16,89	16,49	16,10	15,57	15,42	15,54	15,86	16,26	16,86	17,51	18,12
46	NPTN10,14	E	18,58	18,06	17,80	17,82	17,64	17,36	16,96	16,56	16,03	15,87	15,98
47	NPTN15	E	4,14	4,08	3,91	3,69	3,59	3,51	3,56	3,64	3,72	3,41	3,23
48	PDIAFRE	E	132,25	132,19	146,15	157,83	168,76	180,53	192,14	203,96	215,77	227,58	239,39
49	PDIAFRF	E	179,35	201,11	221,79	238,75	247,88	260,86	273,83	286,98	300,13	313,27	327,45
50	PIATD	E	140,70	148,93	152,50	156,16	159,91	163,75	167,68	171,70	175,82	180,05	184,37
51	PIATI	E	148,95	155,14	159,29	163,59	168,01	172,54	177,20	181,98	186,90	191,94	197,12

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TABLE 45.10 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PTIMN	E	225.67	242.53	259.52	278.25	297.30	316.30	336.58	358.22	380.61	404.10	428.31
2	PTMRS+DF	E	140.40	151.86	160.34	165.94	171.73	175.77	179.90	184.12	188.45	192.88	197.41
3	PTMEGTCH	E	393.04	418.96	445.19	477.71	511.01	542.90	578.96	615.60	651.99	688.50	727.02
4	PTMEGTFC	E	298.13	293.36	309.54	334.96	360.87	387.95	415.26	442.66	471.04	499.29	528.96
5	PTMEGTFM	E	148.10	155.50	165.80	179.51	193.24	206.88	220.56	235.26	249.96	264.66	280.00
6	PTMEGTMF	E	196.23	215.12	229.83	249.03	258.26	273.11	288.33	304.43	321.17	338.25	356.23
7	PTMEGTMS	E	270.70	301.60	338.70	372.57	402.38	426.52	449.98	474.27	499.41	525.38	552.17
8	PURGTF	E	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
9	PURGTS	E	8.60	8.80	9.00	9.18	9.35	9.53	9.71	9.91	10.11	10.31	10.51
10	PUTMCGT3DT	E	8.99	9.53	10.05	10.60	11.19	11.80	12.45	13.13	13.86	14.62	15.42
11	PUTMCGT32V	E	53.05	56.33	59.50	62.77	66.22	69.87	73.71	77.76	82.04	86.55	91.31
12	PUTMCGT331	E	14.55	15.71	16.65	17.73	18.80	19.83	20.82	21.86	22.96	24.10	25.31
13	PUTMCGT3324	E	10.60	11.24	11.85	12.47	13.12	13.81	14.54	15.30	16.11	16.96	17.85
14	PUTMCGT34	E	277.10	306.20	330.70	354.30	377.90	401.50	425.10	448.70	472.30	495.90	520.69
15	PXVGDTIVA	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	RACEDAVN	E	0.6434	0.6370	0.6332	0.6284	0.6184	0.6164	0.6144	0.6124	0.6104	0.6084	0.6064
17	RACENGAUTO	E	0.3285	0.3361	0.3442	0.3462	0.3482	0.3502	0.3522	0.3542	0.3562	0.3582	0.3602
18	RATXCSFT-S	E	2.000	2.050	2.100	2.150	2.200	2.250	2.300	2.350	2.400	2.450	2.500
19	RAWLSC	E	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000	92.000
20	RAYPST	E	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
21	REXCA	E	87.75	86.63	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
22	REXFR	E	22.14	21.25	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
23	REXGE	E	49.84	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00
24	REXIT	E	0.1175	0.1152	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135	0.1135
25	REXJA	E	0.4809	0.5050	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100	0.5100
26	REXME	E	4.392	4.100	4.000	3.490	3.490	3.490	3.490	3.490	3.490	3.490	3.490
27	REXUK	E	191.34	187.00	185.00	185.54	185.54	185.54	186.09	186.09	186.09	186.09	186.09
28	SDS	E	2.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

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TABLE 45.20 EXOGENOUS ASSUMPTIONS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	TEHA$	E	-1.16	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
2	TEHC$	E	-0.57	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40
3	TEHDE$	E	8.20	9.02	9.93	10.20	10.50	10.80	11.10	11.40	11.70	12.00	12.30
4	TFDSIFR$	E	8.78	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
5	TFHSOT$	E	9.97	10.60	11.40	12.82	14.40	16.17	18.16	20.34	22.41	24.46	26.70
6	TFCGDPL480$	E	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
7	TFCG03	E	1.49	1.45	1.28	1.29	1.29	1.39	1.49	1.59	1.69	1.79	1.89
8	TFUGT220$	E	5.80	6.62	7.13	7.52	7.92	8.72	9.22	10.52	11.82	13.13	14.43
9	TFUGT3$	E	14.84	17.22	19.32	20.92	22.68	24.61	26.74	29.07	31.40	33.73	36.06
10	TFBT$	E	-5.25	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10	-5.10
11	TTMW	E	136.38	143.26	149.71	158.69	167.90	177.64	187.94	198.84	210.37	222.57	235.48
12	TMBA$	E	-0.83	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90
13	TMBC$	E	-3.39	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85	-3.85
14	TMBDE$	E	6.57	7.16	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88
15	TMBSIFR$	E	2.17	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
16	TMBSOT$	E	4.66	5.23	5.83	6.40	6.97	7.60	8.28	9.03	9.84	10.73	11.69
17	TMQGT3OT	E	302.00	310.00	325.00	331.50	338.13	344.89	351.79	358.82	366.00	373.32	380.79
18	TMQGT32	E	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
19	TMQGT331	E	2204.70	2455.00	2660.00	2899.41	3131.41	3350.64	3568.46	3768.32	3968.06	4166.48	4366.49
20	TMQGT3324	E	511.00	531.00	550.00	580.24	609.95	639.62	669.84	699.83	729.83	759.82	789.81
21	TMQGT34	E	1000.00	1050.00	1400.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00	1800.00
22	TMUGT3C$/CEDA$	E	0.1179	0.1235	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215	0.1215
23	TMUGT3N$/CEDA$	E	0.1205	0.1191	0.1189	0.1169	0.1149	0.1129	0.1109	0.1089	0.1069	0.1049	0.1029
24	TRBU$	E	10.69	11.84	13.01	13.81	14.61	15.41	16.21	17.01	17.81	18.61	19.41
25	TRGFF$	E	3.55	4.07	4.55	4.75	4.95	5.15	5.35	5.55	5.75	5.95	6.15
26	TRGFPF	E	2.82	2.30	2.13	2.18	2.22	2.26	2.30	2.34	2.39	2.43	2.48
27	TRGFPM+V	E	17.40	18.20	19.00	19.80	20.49	21.21	21.95	22.72	23.52	24.34	25.19
28	TRGFPRES	E	16.35	15.93	15.39	15.69	16.08	16.49	16.90	17.32	17.75	18.20	18.65
29	TRGFPSH	E	16.54	18.37	20.60	21.83	22.92	24.07	25.27	26.53	27.86	29.25	30.71
30	TRGFPSO	E	61.03	64.95	69.79	71.54	74.04	76.63	79.31	82.09	84.96	87.94	91.01
31	TRGSP	E	22.39	23.87	25.46	26.59	27.72	28.85	29.98	31.08	32.18	33.28	34.41
32	TRPEF$	E	1.07	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
33	TXCAFENG$	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	TXCSTP$/TXCSTT$	E	42.34	40.91	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50	38.50
35	TXOPFDVSPR$	E	2.53	2.69	2.87	3.05	3.22	3.40	3.58	3.75	3.92	4.09	4.27
36	TXOPFEV$	E	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	TXOSMAXY$	E	17.70	22.90	22.90	22.90	24.50	26.22	28.05	30.02	32.12	34.37	36.77
38	TXOSUIND	E	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030	0.9030
39	TXRATECO-GAS	E	13.20	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
40	TXRATEMFU29	E	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00
41	TXRATEMG	E	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
42	TXRCHSP	E	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
43	TXRCTEF	E	34.58	33.14	30.98	30.98	30.98	30.98	30.98	30.98	30.98	30.98	30.98
44	TXRITEFAG	E	24.33	23.52	21.80	21.80	21.80	21.80	21.80	21.80	21.80	21.80	21.80
45	TXRITEFCM	E	31.48	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71	29.71
46	TXRITEFMFD24	E	31.94	30.61	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62
47	TXRITEFMFD25	E	39.92	38.25	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76	35.76
48	TXRITEFMFD32	E	39.12	37.49	35.05	35.05	35.05	35.05	35.05	35.05	35.05	35.05	35.05
49	TXRITEFMFD33	E	40.18	38.50	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
50	TXRITEFMFD34	E	40.60	38.90	36.37	36.37	36.37	36.37	36.37	36.37	36.37	36.37	36.37
51	TXRITEFMFD35	E	43.83	41.23	38.55	38.55	38.55	38.55	38.55	38.55	38.55	38.55	38.55

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TABLE 45.20 EXOGENOUS ASSUMPTIONS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	TXRITEFMFD36		F	40.95	39.24	36.69	36.69	36.69	36.69	36.69	36.69	36.69	36.69	36.69
2	TXRITEFMFD37SP2		E	39.47	37.82	35.36	35.36	35.36	35.36	35.36	35.36	35.36	35.36	35.36
3	TXRITEFMFD371		E	43.38	41.57	38.87	38.87	38.87	38.87	38.87	38.87	38.87	38.87	38.87
4	TXRITEFMFD38		F	43.08	41.28	38.56	38.56	38.56	38.56	38.56	38.56	38.56	38.56	38.56
5	TXRITEFMFN20		E	42.77	40.99	38.32	38.32	38.32	38.32	38.32	38.32	38.32	38.32	38.32
6	TXRITEFMFN21		E	43.67	41.85	39.12	39.12	39.12	39.12	39.12	39.12	39.12	39.12	39.12
7	TXRITEFMFN22		E	42.28	40.52	37.88	37.88	37.88	37.88	37.88	37.88	37.88	37.88	37.88
8	TXRITEFMFN23		E	38.08	36.48	34.08	34.08	34.08	34.08	34.08	34.08	34.08	34.08	34.08
9	TXRITEFMFN26		E	41.33	39.61	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03
10	TXRITEFMFN27		E	40.26	38.58	36.07	36.07	36.07	36.07	36.07	36.07	36.07	36.07	36.07
11	TXRITEFMFN28		E	43.66	41.84	39.11	39.11	39.11	39.11	39.11	39.11	39.11	39.11	39.11
12	TXRITEFMFN29		E	33.31	31.92	29.85	29.85	29.85	29.85	29.85	29.85	29.85	29.85	29.85
13	TXRITEFMFN30		E	40.81	39.11	36.57	36.57	36.57	36.57	36.57	36.57	36.57	36.57	36.57
14	TXRITEFMFN31		E	39.93	38.27	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78	35.78
15	TXRITEFNG		E	44.43	42.58	39.81	39.81	39.81	39.81	39.81	39.81	39.81	39.81	39.81
16	TXRITEFRGC48		E	44.39	42.54	39.77	39.77	39.77	39.77	39.77	39.77	39.77	39.77	39.77
17	TXRITEFRGT		E	34.94	33.48	31.30	31.30	31.30	31.30	31.30	31.30	31.30	31.30	31.30
18	TXRITEFRGU49		E	43.61	41.79	39.07	39.07	39.07	39.07	39.07	39.07	39.07	39.07	39.07
19	TXRPTEFHO		E	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98	28.98
20	TXRPTEFTO		E	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50	46.50
21	TXRPTES3T		E	5.08	5.16	5.26	5.41	5.56	5.71	5.86	6.01	6.16	6.31	6.46
22	TXRPTNFY1		E	14.00	11.39	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16	11.16
23	TXRPTNFY2		E	15.00	14.24	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96
24	TXRPTNFY3		E	16.00	15.66	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35	15.35
25	TXRPTNFY4		E	17.00	16.28	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95	15.95
26	TXRPTNFY5		E	19.00	18.11	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.74
27	TXRPTNFY6		E	22.00	20.83	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42	20.42
28	TXRPTNFY7		E	25.00	23.80	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33	23.33
29	TXRPTNFY8		E	28.00	27.46	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92	26.92
30	TXRPTNFY9		E	32.00	31.13	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50
31	TXRSTNF		E	12.10	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
32	WALD$		E	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WALDGF$		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	WALDGS$		E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	YENTF$		E	24.34	28.14	30.65	32.65	34.65	36.65	38.65	40.65	42.65	44.65	47.11
36	YINTC$		E	33.68	38.34	42.28	45.28	48.28	51.28	54.28	57.28	60.28	63.28	66.28
37	YINTGF$		E	35.50	41.34	44.79	46.96	48.46	49.56	50.46	50.96	51.36	51.06	50.76
38	YINTGFPF$		E	8.47	7.25	5.77	5.77	5.77	5.77	5.77	5.77	5.77	5.77	5.77
39	YINTGS$		E	-7.75	-9.28	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68
40	ZCAIP		E	121.09	126.43	132.72	137.90	143.28	148.86	154.67	160.70	166.97	173.48	180.24
41	ZCAPC		E	167.38	181.35	195.87	208.01	220.91	234.61	249.15	264.60	281.00	298.42	316.93
42	ZFRIP		E	112.21	117.93	125.12	130.12	135.33	140.74	146.37	152.23	158.32	164.65	171.23
43	ZFRPC		E	178.95	197.34	215.22	228.13	241.82	256.33	271.71	288.01	305.29	323.61	343.02
44	ZGEIP		E	111.64	117.39	122.68	128.81	135.25	142.01	149.11	156.57	164.40	172.62	181.25
45	ZGEPC		E	135.45	139.16	143.62	152.38	161.67	171.53	182.00	193.10	204.88	217.37	230.63
46	ZITIP		E	118.17	122.88	128.07	134.47	141.19	148.25	155.67	163.45	171.62	180.20	189.21
47	ZITPC		E	236.16	262.56	290.36	307.78	326.25	345.83	366.57	388.57	411.88	436.60	462.79
48	ZJAIP		E	120.65	127.89	135.55	143.69	152.31	161.45	171.13	181.40	192.29	203.83	216.06
49	ZJAPC		E	190.78	197.13	205.33	214.57	224.22	234.31	244.86	255.88	267.39	279.42	291.99
50	ZMFIP		E	143.79	153.99	152.46	169.77	177.42	185.40	193.74	202.46	211.57	221.09	231.04
51	ZMFPC		E	270.08	320.43	365.10	438.46	491.07	526.43	564.33	604.96	648.52	695.21	745.27
52	ZMFWTR		E	251.30	268.92	279.68	300.65	323.20	347.44	373.50	401.51	431.62	463.99	498.79
53	ZMIP		E	105.24	110.19	117.21	119.60	125.18	130.96	136.33	141.91	147.49	153.07	158.75
54	ZMPC		E	241.51	259.55	275.89	295.17	314.65	335.41	357.55	381.15	406.30	433.12	461.70

TABLE 45.50 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	CCATAG$	B	0.07	-0.02	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
2	CCATCO$	B	-8.76	-8.97	-9.46	-8.66	-7.86	-7.06	-6.26	-5.46	-4.66	-3.86	-3.06
3	CCATMFD24$	B	-0.02	-0.04	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
4	CCATMFD25$	B	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
5	CCATMFD32$	B	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
6	CCATMFD33$	B	0.11	0.15	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
7	CCATMFD34$	B	-0.00	-0.02	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
8	CCATMFD35$	B	0.00	-0.03	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
9	CCATMFD36$	B	-0.07	-0.13	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
10	CCATMFD37SP2$	B	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
11	CCATMFD371$	B	-0.11	-0.18	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
12	CCATMFD38$	B	0.00	-0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
13	CCATMFN20$	B	0.00	-0.01	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
14	CCATMFN21$	B	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
15	CCATMFN22$	B	-0.01	-0.03	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
16	CCATMFN23$	B	0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
17	CCATMFN26$	B	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
18	CCATMFN27$	B	-0.01	-0.03	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
19	CCATMFN28$	B	0.10	0.14	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
20	CCATMFN29$	B	-0.03	-0.05	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
21	CCATMFN30$	B	-0.03	-0.05	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
22	CCATMFN31$	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	CCATMG$	B	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
24	CCATRGC48$	B	0.11	0.31	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
25	CCATRGT$	B	0.02	0.21	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
26	CCATRGU49$	B	0.03	-0.01	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
27	CEDAP	B	-0.34	-0.34	-0.20	-0.01	0.17	0.17	0.17	0.17	0.17	0.17	0.17
28	CEDAVN	B	0.49	-0.01	-0.11	-0.50	-0.59	-0.73	-1.50	-2.00	-2.50	-3.00	-3.50
29	CEDAVR+T	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	CEDAVU	B	-0.62	-0.28	-0.28	-0.43	-0.58	-0.73	-0.88	-1.03	-1.18	-1.33	-1.48
31	CEDF	B	3.70	5.53	5.87	5.38	4.89	4.40	3.91	2.52	1.13	-0.26	-1.65
32	CEDO	B	0.82	1.59	1.75	1.48	1.19	0.91	0.63	0.35	0.07	-0.21	-0.49
33	CENC	B	-0.32	1.05	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
34	CEOF	B	2.76	1.59	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13
35	CENG	B	0.27	0.59	0.88	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
36	CENO+M	B	-1.39	0.38	1.68	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98
37	CESH	B	0.10	-2.14	-4.54	-3.04	-1.54	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
38	CESO	B	2.24	1.59	1.33	2.24	2.49	2.79	3.24	3.84	4.59	5.49	6.54
39	CESS	B	3.44	3.45	2.91	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61
40	CEST	B	2.76	3.42	3.38	3.62	3.87	4.12	4.37	4.62	4.87	5.12	5.37
41	FCUS	B	-1.64	1.49	3.03	-0.17	-1.07	0.33	2.53	6.03	9.53	13.03	19.53
42	FDBOPS	B	-77.09	-78.57	-83.02	-102.62	-120.52	-139.62	-155.32	-165.12	-174.92	-184.72	-211.52
43	FDBTS	B	61.91	73.10	87.16	84.56	110.56	135.46	154.66	171.16	187.66	204.16	234.66
44	FRICP4M	B	-0.961	-2.389	-2.769	-1.468	-1.688	-1.473	-1.505	-0.690	-0.405	-0.811	-0.839
45	FRICS	B	0.766	-0.329	-1.219	-0.498	0.147	-0.135	0.347	0.250	0.200	0.091	0.149
46	FRICSI	B	0.096	0.109	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106
47	FRICSR	B	-0.577	-0.622	-0.612	-0.612	-0.612	-0.612	-0.612	-0.612	-0.612	-0.612	-0.612
48	FRICSU	B	-0.023	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
49	FRUSF	B	0.978	1.078	1.099	1.099	1.099	1.099	1.099	1.099	1.099	1.099	1.099
50	FSEC$	B	46.35	38.39	25.98	25.85	25.87	25.88	25.88	25.90	25.88	25.87	25.89
51	FSEL$	B	-0.20	-6.22	-6.24	-6.22	-6.23	-6.24	-6.24	-6.25	-6.23	-6.23	-6.24

A PRODUCT OF [illegible] INC., 3624 [illegible] ST., PHILA, PA 19104. WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	MORTV	B	0.46	0.74	0.15	-0.60	-1.35	-1.10	-0.85	-0.60	-0.35	-0.10	0.15
2	MSPR4M	B	-119.16	-202.39	-179.01	-129.01	-78.95	-28.91	21.08	71.06	121.04	171.03	221.08
3	MSPR5M	B	-408.26	-470.59	-596.81	-940.52	-1180.34	-1347.22	-1510.48	-1650.12	-1678.51	-1694.11	-1739.39
4	MSPR91	B	274.29	826.18	656.18	382.72	137.54	180.22	-10.84	96.88	190.28	220.52	137.14
5	IAAG	B	-4.026	-2.665	-2.548	-0.528	1.467	3.058	3.525	2.653	1.047	-0.786	-2.491
6	IACM	B	-2.018	-2.052	-1.058	-0.323	0.300	0.595	0.610	0.672	0.195	0.028	0.038
7	IAMFD24	B	-0.776	-0.730	-0.710	-0.657	-0.583	-0.519	-0.493	-0.491	-0.550	-0.609	-0.662
8	IAMFD25	B	-0.017	-0.008	-0.024	-0.030	-0.030	-0.035	-0.046	-0.062	-0.086	-0.108	-0.128
9	IAMFD32	B	0.019	0.082	0.350	0.436	0.565	0.666	0.699	0.679	0.552	0.427	0.352
10	IAMFD33	B	2.175	2.337	2.270	2.425	2.612	2.768	2.857	2.896	2.731	2.560	2.360
11	IAMFD34	B	-0.156	-0.034	-0.101	-0.089	-0.097	-0.168	-0.300	-0.461	-0.654	-0.792	-0.827
12	IAMFD35	B	0.390	0.414	0.391	0.423	0.477	0.465	0.398	0.358	0.236	0.157	0.057
13	IAMFD36	B	-1.089	-0.949	-0.938	-0.841	-0.734	-0.683	-0.693	-0.723	-0.848	-0.935	-0.992
14	IAMFD37SP2	B	-0.049	-0.203	-0.302	-0.259	-0.207	-0.166	-0.130	-0.076	-0.078	-0.075	-0.089
15	IAMFD371	B	-0.606	-0.884	-1.033	-1.230	-1.436	-1.722	-2.022	-2.298	-2.652	-2.948	-3.212
16	IAMFD38	B	-0.552	-0.612	-0.604	-0.610	-0.600	-0.595	-0.606	-0.620	-0.661	-0.696	-0.742
17	IAMFN20	B	0.647	-0.094	-0.526	-0.692	-0.893	-0.990	-1.033	-1.034	-1.032	-0.943	-0.784
18	IAMFN22	B	-0.110	-0.153	-0.147	-0.142	-0.123	-0.118	-0.121	-0.115	-0.124	-0.118	-0.120
19	IAMFN23	B	-0.077	-0.088	-0.089	-0.092	-0.094	-0.103	-0.116	-0.128	-0.146	-0.157	-0.165
20	IAMFN26	B	0.545	0.517	0.564	0.668	0.775	0.854	0.869	0.856	0.757	0.722	0.722
21	IAMFN27	B	-0.081	-0.132	-0.112	-0.084	-0.056	-0.043	-0.043	-0.039	-0.063	-0.074	-0.074
22	IAMFN28	B	0.109	-0.805	-1.105	-0.821	-0.548	-0.275	-0.012	0.237	0.281	0.423	0.549
23	IAMFN29	B	2.640	3.130	3.341	4.013	4.810	5.433	5.785	6.011	5.836	5.711	5.728
24	IAMFN30	B	-1.028	-0.948	-1.032	-1.190	-1.125	-1.080	-1.067	-1.073	-1.128	-1.164	-1.187
25	IAMFN31	B	-0.015	-0.002	0.017	0.031	0.027	0.019	0.007	-0.005	-0.018	-0.026	-0.030
26	IAMG	B	0.014	0.068	0.295	0.586	0.879	1.174	1.241	1.350	1.456	1.773	2.128
27	IARGC48	B	-5.978	-6.055	-5.093	-3.987	-3.250	-2.790	-2.674	-2.656	-3.208	-3.579	-3.779
28	IARGT	B	-2.339	-2.814	-3.138	-2.942	-2.772	-2.715	-2.723	-2.733	-2.933	-3.092	-3.221
29	IARGU49	B	-3.752	-3.708	-3.070	-2.263	-1.539	-1.299	-1.551	-1.846	-2.876	-3.559	-3.956
30	IBA	B	10.110	10.061	5.940	4.032	3.528	3.027	2.528	2.028	1.528	1.028	0.527
31	IBFRNXNU-MH	B	1.393	2.991	3.236	2.773	2.774	2.774	2.774	2.774	2.774	2.774	2.773
32	IBIPIM	B	-0.66	-1.50	0.33	0.41	0.68	0.94	1.20	1.47	1.74	2.00	2.26
33	IBIT$	B	0.38	0.62	0.35	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
34	IP	B	0.01	-0.02	-0.07	0.02	-0.02	-0.03	-0.02	-0.03	-0.02	-0.01	-0.01
35	IPMF	B	0.00	0.01	-0.00	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
36	IPMFD	B	-2.49	-1.43	-2.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	IPMFN	B	-2.09	-1.77	-2.39	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10
38	IPMG	B	-0.21	-4.08	-3.15	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	IPMG49	B	0.03	0.02	-0.01	0.01	-0.01	-0.02	-0.01	-0.02	-0.02	-0.01	-0.01
40	IPRGU49	B	-8.33	-1.20	-9.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	IVAC$	B	12.59	17.61	17.44	18.44	19.44	20.44	21.44	22.44	23.44	24.44	25.44
42	IVAI$	B	0.53	0.85	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
43	KHDP	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	KHDT	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	KHDT+MH/KHD	B	-0.00	-0.00	-0.00	-0.10	-0.20	-0.30	-0.40	-0.50	-0.60	-0.70	-0.80
46	KHDT/KHDT+MH	B	0.00	0.00	0.00	-0.00	-0.15	-0.50	-0.75	-1.05	-1.35	-1.64	-1.94
47	KIBT$MF	B	-4.62	-8.09	-12.65	-14.89	-14.93	-14.15	-12.71	-10.70	-8.55	-6.27	-3.99
48	KIBTTDAV	B	-1.22	-0.85	-1.25	-1.22	-1.16	-1.07	-0.95	-0.80	-0.62	-0.41	-0.20
49	KSA/SPRDAV	B	-3.338	-3.872	-0.832	-0.430	-0.231	-0.032	-3.832	-3.632	-3.431	-3.231	-3.031
50	UPV	B	-0.592	-1.826	-1.061	-1.262	-1.362	-1.562	-1.812	-2.082	-2.362	-2.662	-2.962
51	RCHZKHDT	B	0.000	0.000	0.000	-0.308	-0.608	-0.608	-0.668	-0.728	-0.788	-0.848	-0.908

A PRODUCT OF WHARTON EFA, INC., 3624 MARKET ST., PHILA, PA 19104. WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

...ARTER ANNUAL AND INDUSTRY FORECASTING MODEL
...ECTED PRODUCTIVITY ALTERNATIVE - DECEMBER 6, 1978

TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NEETICC	B	40.25	1.45	38.38	42.05	-145.18	-81.32	-41.11	-139.02	-62.54	-10.43	29.05
2	NEETIEI	B	51.98	-17.73	1.66	50.91	-34.29	-60.75	-39.30	-42.57	-38.42	-37.14	-34.58
3	NEETIGVF	B	-1.30	0.00	-0.30	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00
4	NEETIGVS	B	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
5	NEETIMED19	B	13.70	2.76	-12.55	-8.05	-8.04	-7.24	-8.84	-5.84	-7.05	-7.05	-7.05
6	NEETIMED24	B	35.51	18.44	11.12	21.11	22.71	23.31	25.71	26.31	27.81	30.21	31.81
7	NEETIMED25	B	-26.95	-35.24	-43.99	-53.08	-63.02	-72.96	-82.90	-92.84	-107.78	-112.72	-117.66
8	NEETIMED32	B	16.47	10.06	1.56	-5.94	-8.44	-10.94	-13.44	-15.94	-18.44	-20.94	-23.44
9	NEETIMED33	B	62.35	41.18	20.57	19.57	14.57	9.57	4.57	-0.43	-5.43	-10.43	-15.43
10	NEETIMED34	B	96.57	81.53	82.47	77.47	72.47	67.47	62.47	57.47	52.47	47.47	42.47
11	NEETIMED35	B	-20.48	-55.58	-71.74	-113.39	-155.04	-179.69	-204.34	-228.99	-253.64	-278.29	-302.94
12	NEETIMED36	B	138.63	155.21	181.98	182.28	186.77	191.26	195.75	200.24	204.73	209.22	213.71
13	NEETIMED37SP1	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	NEETIMED37SP2	B	52.48	44.26	36.56	31.85	24.95	18.05	11.15	4.25	-2.65	-9.55	-16.45
15	NEETIMED371	B	-90.90	-86.61	-73.42	-59.46	-64.06	-68.66	-73.26	-77.86	-82.46	-87.06	-91.66
16	NEETIMED372.9	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	NEETIMED38	B	-12.76	-19.22	-27.33	-37.59	-47.32	-57.05	-66.78	-76.51	-86.24	-95.97	-105.70
18	NEETIMED39	B	1.84	-7.08	13.11	9.48	8.48	7.47	6.47	5.47	4.47	3.48	2.48
19	NEETIMEN20	B	38.48	-2.99	-7.49	-21.14	-32.83	-40.14	-45.18	-50.88	-52.20	-56.20	-62.19
20	NEETIMEN21	B	-1.17	-0.95	-0.38	-0.54	-0.74	-0.93	-1.13	-1.33	-1.52	-1.72	-1.92
21	NEETIMEN22	B	56.24	55.60	53.66	58.66	63.66	68.66	73.66	78.66	83.66	88.66	93.66
22	NEETIMEN23	B	-89.48	-97.23	-106.51	-117.97	-129.43	-140.89	-152.35	-163.81	-175.27	-186.73	-198.19
23	NEETIMEN26	B	24.32	24.85	23.50	23.33	23.17	23.01	22.85	22.69	22.53	22.37	22.21
24	NEETIMEN27	B	-5.33	-4.36	-18.10	-23.60	-29.10	-29.10	-29.10	-29.10	-29.10	-29.10	-29.10
25	NEETIMEN28	B	21.90	22.12	23.93	8.93	12.59	16.25	19.91	23.57	27.23	30.89	34.55
26	NEETIMEN29	B	2.61	6.89	4.99	0.59	-0.01	-0.61	-1.21	-1.81	-2.41	-3.01	-3.61
27	NEETIMEN30	B	-19.17	-22.11	-23.48	-31.62	-34.96	-38.30	-41.64	-44.98	-48.32	-51.65	-54.98
28	NEETIMEN31	B	2.33	-0.71	-2.98	-8.35	-11.42	-14.43	-17.37	-20.09	-22.31	-24.54	-27.00
29	NEETIMG	B	49.42	41.34	-10.33	-15.34	-17.20	-17.88	-19.04	-19.57	-18.27	-18.24	-20.63
30	NEETIRGC48	B	-127.05	-182.95	-196.59	-220.68	-203.42	-179.43	-151.53	-121.17	-90.67	-80.08	-87.80
31	NEETIRGT	B	26.60	81.23	91.76	88.43	83.06	80.46	78.36	77.16	93.26	118.76	119.86
32	NEETIRGU49	B	3.48	-9.74	-27.68	-30.95	-31.65	-30.35	-29.85	-29.15	-37.45	-40.00	-44.25
33	NEETISV	B	-127.98	111.25	-153.43	107.48	-214.62	-154.36	-116.68	-189.94	-164.20	-140.93	-126.98
34	NEETIWR	B	33.83	-62.38	-133.14	27.17	-161.91	-44.89	-33.80	-92.40	-59.27	1.57	56.35
35	NFNA	B	423.09	366.43	348.39	368.69	376.99	385.29	393.59	401.89	410.19	418.49	426.78
36	NHNIPMED24	B	0.0	0.0	0.0	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14	-0.14
37	NHNIPMED25	B	0.0	0.0	0.0	-0.06	-0.12	-0.18	-0.24	-0.30	-0.36	-0.42	-0.48
38	NHNIPMED32	B	0.0	0.0	0.0	-0.09	-0.18	-0.27	-0.36	-0.45	-0.54	-0.63	-0.72
39	NHNIPMED33	B	0.0	0.0	0.0	-0.18	-0.26	-0.34	-0.42	-0.50	-0.58	-0.66	-0.94
40	NHNIPMED34	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	NHNIPMED35	B	0.0	0.0	0.0	-0.15	-0.30	-0.45	-0.60	-0.75	-0.90	-1.05	-1.20
42	NHNIPMED36	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	NHNIPMED37SP2	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	NHNIPMED371	B	0.0	0.0	0.0	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16
45	NHNIPMED38	B	0.0	0.0	0.0	-0.08	-0.16	-0.24	-0.32	-0.40	-0.48	-0.56	-0.64
46	NHNIPMEN20	B	0.0	0.0	0.0	0.0	0.24	0.48	0.72	0.96	1.20	1.44	1.68
47	NHNIPMEN21	B	0.0	0.0	0.0	0.20	0.40	0.60	0.80	1.00	1.00	1.00	1.00
48	NHNIPMEN22	B	0.0	0.0	0.0	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.40
49	NHNIPMEN23	B	0.0	0.0	0.0	0.0	0.0	0.0	-0.10	-0.19	-0.29	-0.38	-0.48
50	NHNIPMEN26	B	0.0	0.0	0.0	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.57
51	NHNIPMEN27	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

A PRODUCT OF ...ARTER, ET AL INC., 3624 ... ST, PHILA, PA 19104. WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 45.10 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	[illegible]28	B	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.30	0.30	0.30	0.30
2	[illegible]29	B	0.0	0.0	0.0	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
3	[illegible]30	B	0.0	0.0	0.0	-0.02	-0.05	-0.07	-0.10	-0.12	-0.14	-0.17	-0.19
4	[illegible]31	B	0.0	0.0	0.0	-0.07	-0.14	-0.22	-0.29	-0.36	-0.43	-0.50	-0.58
5	[illegible]G	B	0.0	0.0	-0.20	-0.40	-0.60	-0.80	-1.00	-1.00	-1.00	-0.95	-0.90
6	NLCF16,19	B	0.000	0.000	0.000	-0.019	-0.038	-0.057	-0.076	-0.094	-0.113	-0.132	-0.151
7	NLCF16+	B	4.457	4.457	4.845	5.485	5.685	5.885	6.085	6.285	6.485	6.685	6.885
8	NLCF20,24	B	0.000	0.000	0.000	0.049	0.098	0.146	0.195	0.244	0.293	0.341	0.390
9	NLCF25,34	B	0.000	0.000	0.000	0.118	0.236	0.354	0.472	0.590	0.708	0.826	0.944
10	NLCF35,44	B	0.000	0.000	0.000	0.020	0.040	0.060	0.080	0.100	0.120	0.140	0.160
11	NLCF45,54	B	0.000	0.000	0.000	-0.110	-0.220	-0.330	-0.440	-0.550	-0.660	-0.770	-0.880
12	NLCF55,64	B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	NLCF65+	B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	NLCM16,19	B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	NLCM16+	B	-0.618	-0.056	0.197	-0.158	-0.073	0.012	0.097	0.182	0.267	0.352	0.567
16	NLCM20,24	B	0.000	0.000	0.000	-0.012	-0.025	-0.037	-0.050	-0.062	-0.075	-0.087	-0.100
17	NLCM25,34	B	0.000	0.000	0.000	-0.012	-0.025	-0.037	-0.050	-0.062	-0.075	-0.087	-0.100
18	NLCM35,44	B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	NLCM45,54	B	0.000	0.000	0.000	0.010	-0.002	-0.015	-0.027	-0.040	-0.052	-0.065	-0.077
20	NLCM55,64	B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	NLCM65+	B	0.000	0.000	0.000	0.007	0.013	0.020	0.026	0.033	0.039	0.046	0.052
22	NMLTTMFD24	B	-0.001	0.004	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
23	NMLTTMFD25	B	-0.027	-0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
24	NMLTTMFD32	B	-0.011	-0.009	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
25	NMLTTMFD33	B	-0.045	-0.049	-0.052	-0.052	-0.052	-0.052	-0.052	-0.052	-0.052	-0.052	-0.052
26	NMLTTMFD34	B	0.000	-0.004	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
27	NMLTTMFD35	B	-0.105	-0.155	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167	-0.167
28	NMLTTMFD36	B	0.037	0.062	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
29	NMLTTMFD37SP2	B	0.021	0.032	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
30	NMLTTMFD371	B	-0.115	-0.061	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062	-0.062
31	NMLTTMFD38	B	-0.008	0.006	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
32	NMLTTMFN20	B	0.222	0.288	0.290	0.290	0.290	0.290	0.290	0.290	0.290	0.290	0.290
33	NMLTTMFN21	B	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
34	NMLTTMFN22	B	0.016	0.023	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
35	NMLTTMFN23	B	-0.098	-0.071	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092	-0.092
36	NMLTTMFN26	B	0.000	0.011	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
37	NMLTTMFN27	B	0.007	0.016	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003
38	NMLTTMFN28	B	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
39	NMLTTMFN29	B	-0.008	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
40	NMLTTMFN30	B	-0.007	-0.002	-0.013	-0.013	-0.013	-0.013	-0.013	-0.013	-0.013	-0.013	-0.013
41	NMLTTMFN31	B	-0.017	-0.021	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014	-0.014
42	NMLTTMG	B	0.065	0.065	0.111	0.111	0.111	0.111	0.111	0.111	0.111	0.111	0.111
43	NMRA	B	0.955	0.503	0.536	0.152	0.401	0.401	0.401	0.401	0.401	0.401	0.401
44	NPSRF16,19	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	NPSRF20,24	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	NPSR[illegible]16,17	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	NPSR[illegible]18,19	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	NPSR[illegible]20,24	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	NPTID	B	1.33	1.35	1.21	1.16	1.08	1.00	0.92	0.84	0.76	0.68	0.60
50	NPLTF16,19	P	0.0451	0.0529	0.0624	0.0680	0.0661	0.0655	0.0667	0.0706	0.0731	0.0775	0.0841
51	PRLTF20,24	B	0.0422	0.0522	0.0597	0.0670	0.0648	0.0644	0.0686	0.0611	0.0586	0.0580	0.0598

A PRODUCT OF [illegible] WHARTON ECONOMETRIC FORECASTING ASSOCIATION, INC. WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

TABLE 45.30 CONSTANT ADJUSTMENTS

LINE	VAR LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	NRLTF25,34	B	0,0896	0,0986	0,1102	0,1209	0,1189	0,1186	0,1187	0,1155	0,1132	0,1127	0,1143
2	NRLTF35,44	B	0,0178	0,0194	0,0206	0,0274	0,0254	0,0252	0,0254	0,0220	0,0195	0,0190	0,0207
3	NRLTF45,54	B	0,0062	0,0005	-0,0006	0,0053	0,0035	0,0032	0,0034	0,0004	-0,0017	-0,0022	-0,0006
4	NRLTF55,64	B	0,0228	0,0291	0,0352	0,0407	0,0463	0,0521	0,0522	0,0540	0,0555	0,0552	0,0523
5	NRLTF65+	B	0,0008	0,0006	0,0021	0,0021	0,0010	0,0001	-0,0007	-0,0019	-0,0031	-0,0039	-0,0046
6	NRLTM16,19	B	0,0192	0,0196	0,0175	0,0183	0,0112	0,0078	0,0067	0,0056	0,0071	0,0112	0,0153
7	NRLTM20,24	B	0,0074	0,0057	0,0078	-0,0032	-0,0052	-0,0058	-0,0050	-0,0041	-0,0026	-0,0004	0,0015
8	NRLTM25,34	B	-0,0021	0,0028	0,0048	0,0007	-0,0011	-0,0015	-0,0005	0,0006	0,0023	0,0046	0,0064
9	NRLTM35,44	B	-0,0000	0,0063	0,0088	-0,0029	-0,0048	-0,0053	-0,0043	-0,0032	-0,0016	0,0008	0,0027
10	NRLTM45,54	B	-0,0020	0,0066	0,0097	-0,0021	-0,0043	-0,0049	-0,0040	-0,0031	-0,0015	0,0009	0,0029
11	NRLTM55,64	B	-0,0195	-0,0021	0,0002	-0,0182	-0,0363	-0,0525	-0,0673	-0,0703	-0,0722	-0,0730	-0,0742
12	NRLTM65+	B	0,0105	0,0059	0,0077	0,0041	0,0029	0,0026	0,0027	0,0028	0,0033	0,0042	0,0049
13	NRUTF16,19	B	-0,79	-1,07	-1,42	-3,22	-4,46	-5,00	-5,14	-5,29	-4,85	-3,99	-3,10
14	NRUTF20,24	B	-0,10	-0,23	-0,40	-1,28	-1,85	-2,10	-2,22	-2,33	-2,24	-2,01	-1,76
15	NRUTF25,34	B	-0,33	-0,34	-0,43	-0,95	-1,30	-1,45	-1,53	-1,60	-1,56	-1,43	-1,28
16	NRUTF35,44	B	-0,11	-0,07	-0,15	-0,50	-0,73	-0,84	-0,89	-0,95	-0,93	-0,84	-0,75
17	NRUTF45,54	B	0,01	0,10	0,05	-0,20	-0,37	-0,44	-0,48	-0,52	-0,51	-0,45	-0,38
18	NRUTF55,64	B	-0,43	-0,21	-0,25	-0,39	-0,48	-0,52	-0,54	-0,56	-0,55	-0,52	-0,49
19	NRUTF65+	B	-0,04	0,08	0,04	-0,31	-0,54	-0,65	-0,70	-0,75	-0,71	-0,62	-0,52
20	NRUTM16,19	B	-1,36	-1,31	-1,59	-2,59	-3,23	-3,42	-3,40	-3,40	-3,01	-2,31	-1,55
21	NRUTM20,24	B	-0,94	-1,13	-1,21	-1,16	-1,08	-0,96	-0,85	-0,75	-0,61	-0,41	-0,19
22	NRUTM25,34	B	2,23	2,39	2,35	1,40	0,63	0,13	-0,26	-0,65	-0,83	-0,84	-0,85
23	NRUTM35,44	B	1,43	1,57	1,38	0,72	0,18	-0,17	-0,46	-0,76	-0,91	-0,93	-0,96
24	NRUTM45,54	B	1,35	1,42	1,09	0,46	-0,06	-0,40	-0,68	-0,98	-1,14	-1,17	-1,21
25	NRUTM55,64	B	-0,09	0,00	-0,02	-0,10	-0,16	-0,18	-0,20	-0,21	-0,21	-0,20	-0,18
26	NRUTM65+	B	0,89	0,88	0,84	0,51	0,28	0,17	0,10	0,04	0,06	0,14	0,22
27	NUTF16,19	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
28	NUTF20,24	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
29	NUTF25,34	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
30	NUTF35,44	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
31	NUTF45,54	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
32	NUTF55,64	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
33	NUTF65+	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
34	NUTM16,19	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
35	NUTM20,24	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
36	NUTM25,34	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
37	NUTM35,44	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
38	NUTM45,54	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
39	NUTM55,64	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
40	NUTM65+	B	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

A PRODUCT OF WHARTON EFA INC., 3624 MARKET ST, PHILA, PA 19104. WRITTEN PERMISSION MUST BE OBTAINED FOR SECONDARY DISTRIBUTION.

...TOR ANNUAL AND INDUSTRY FORECASTING MODEL
...POWER PRODUCTIVITY ALTERNATIVE - DECEMBER 6, 1978

TABLE 45.40 CONSTANT ADJUSTMENTS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PC		A	0.42	1.32	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	PCCF		A	-1.05	-1.70	0.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	PCS		A	0.90	0.25	4.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	PCSR		A	2.89	4.69	4.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	PDCEDAP		A	-0.32	0.55	2.61	2.70	2.93	3.05	3.21	3.16	3.07	3.05	2.95
6	PDCEDAVN		A	-0.59	-0.69	-7.18	-9.61	-15.38	-21.27	-27.13	-33.18	-39.27	-45.29	-51.39
7	PDCEDAVR+T		A	0.59	-0.25	-6.89	-2.38	-3.54	-4.92	-6.25	-7.80	-9.39	-10.91	-12.52
8	PDCEDAVU		A	-6.43	-5.63	-2.97	-14.27	-31.92	-49.77	-67.55	-85.61	-103.75	-121.79	-142.93
9	PDCEDF		A	-2.42	-3.51	-4.74	-4.65	-4.44	-4.34	-4.21	-4.26	-4.34	-4.37	-4.46
10	PDCFDD		A	0.31	-0.23	-0.04	1.04	2.27	3.37	4.51	5.46	6.38	7.35	8.25
11	PDCFNC		A	-1.82	-4.25	-5.56	-5.48	-5.27	-5.17	-5.05	-5.09	-5.17	-5.20	-5.29
12	PDCFNF		A	2.19	4.66	6.16	5.77	5.56	5.20	4.89	4.34	3.74	3.21	2.58
13	PDCFNG		A	-2.19	-2.35	-6.73	2.27	5.27	8.27	11.27	14.27	17.27	20.27	23.27
14	PDCFNO+H		A	-1.59	-4.72	-6.42	-7.32	-8.05	-8.92	-9.74	-10.79	-11.89	-12.92	-14.04
15	PDCESH		A	2.37	5.00	8.91	11.04	13.29	15.41	17.57	19.53	21.43	23.40	25.29
16	PDCESO		A	-0.24	-1.52	-1.92	-1.80	-1.50	-1.36	-1.16	-1.20	-1.31	-1.34	-1.47
17	PDCESS		A	2.71	3.34	3.24	4.99	5.99	6.95	7.95	8.86	9.73	10.71	11.92
18	PDCEST		A	0.72	-0.28	-0.50	-0.37	-0.09	0.05	0.24	0.20	0.10	0.07	-0.06
19	PDGVPF		A	0.10	-0.73	-0.96	-0.88	-0.61	-0.47	-0.29	-0.34	-0.43	-0.45	-0.57
20	PDGVPS		A	0.52	0.22	-0.35	-2.23	-3.97	-5.82	-7.63	-9.68	-11.77	-13.79	-15.56
21	PDIBFN		A	-0.49	-0.78	-2.11	-2.00	-1.71	-1.57	-1.38	-1.42	-1.53	-1.55	-1.32
22	PDIBFR		A	7.25	15.16	23.00	28.14	33.49	38.66	43.90	48.84	53.71	58.68	63.53
23	PDIBFRSNNH		A	6.83	6.57	5.53	3.35	3.34	3.34	3.34	3.34	3.34	3.34	3.35
24	PDIBITHTD		A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	PDWBCGVG		A	3.07	2.84	2.60	2.30	1.80	1.30	0.80	0.30	-0.20	-0.70	-1.20
26	PDYN		A	-0.04	-0.02	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
27	PTEHS+OTH		A	-2.60	-18.17	-28.04	-28.04	-28.04	-28.04	-28.04	-28.04	-28.04	-28.04	-28.04
28	PTEEGDCM		A	-26.53	-15.66	-8.03	-7.88	-7.45	-7.23	-6.92	-6.98	-7.13	-7.16	-7.35
29	PTEEGDF		A	-4.50	-13.94	-20.81	-20.71	-20.42	-20.27	-20.08	-20.12	-20.22	-20.26	-18.89
30	PTEEGDM		A	2.48	9.30	13.24	11.37	9.73	7.91	6.15	4.08	1.96	-0.08	-2.24
31	PTOEFUEL		A	-10.48	-11.43	-14.62	-15.77	-15.22	-14.97	-14.63	-14.71	-14.90	-14.95	-15.23
32	PUHSPRMH		A	-0.1099	-0.2053	-0.3036	-0.5424	-0.8426	-1.2429	-1.6918	-2.2328	-2.7476	-3.3226	-3.9809
33	PUHSPRSM		A	-1.3554	-1.8562	-2.3394	-2.8193	-3.2994	-3.7794	-4.2594	-4.7394	-5.2195	-5.6524	-6.0783
34	PUHSPRS1		A	0.3519	0.4855	0.1712	0.0881	0.0158	-0.2675	-0.4428	-0.6536	-0.9228	-1.1808	-1.3842
35	PURGX		A	0.23	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
36	PW		A	-0.13	-0.18	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42
37	PWDMF		A	0.49	0.00	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	PWPC		A	-1.57	3.63	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	PWPF		A	0.41	0.41	0.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	PWPFC		A	2.38	3.70	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	PWPFP		A	-0.30	2.56	1.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	PWPI		A	1.46	0.68	1.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	PXVGAG		A	-24.71	-53.21	-64.25	-90.10	-111.43	-129.33	-145.94	-161.56	-175.50	-192.97	-213.33
44	PXVGCC		A	-0.68	-5.58	-6.39	-6.39	-6.39	-6.39	-6.39	-3.39	-3.39	-3.39	-3.39
45	PXVGGVFF		A	-19.80	-41.68	-56.28	-79.76	-105.85	-135.74	-167.44	-198.69	-229.19	-262.22	-302.25
46	PXVGGVSF		A	-4.55	-7.24	-9.55	-11.53	-12.53	-13.53	-14.53	-15.53	-16.53	-17.53	-18.53
47	PXVGMED24		A	-10.72	-20.22	-26.26	-34.25	-40.25	-45.25	-53.85	-60.35	-66.85	-73.35	-79.85
48	PXVGMED25		A	16.42	14.47	14.18	14.11	14.11	14.11	14.11	14.11	14.11	14.11	14.11
49	PXVGMED32		A	21.54	20.71	16.58	16.58	16.58	16.58	16.58	16.58	16.58	16.58	16.58
50	PXVGMED33		A	-5.98	-6.97	-9.99	-9.99	-9.99	-9.99	-9.99	-9.99	-9.99	-9.99	-9.99
51	PXVGMED34		A	12.21	6.54	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07

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TABLE 45.40 CONSTANT ADJUSTMENTS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	PXVGMFD35		B	6.06	7.66	9.03	10.03	11.03	12.03	13.03	14.03	15.03	16.03	17.03
2	PXVGMFD36		B	13.91	15.43	18.77	21.77	24.77	27.77	30.77	33.77	36.77	39.77	42.77
3	PXVGMFD37SP1		B	11.06	11.74	14.43	16.22	17.70	19.36	21.11	22.80	24.56	26.28	28.04
4	PXVGMFD37SP2		B	9.51	9.92	12.61	14.61	16.61	18.61	20.61	22.61	24.61	26.61	28.61
5	PXVGMFD371		B	11.68	14.21	17.42	19.92	22.42	24.92	27.42	29.92	32.42	34.92	37.42
6	PXVGMFD38		B	-8.38	-11.78	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39	-13.39
7	PXVGMFD39		B	2.43	0.51	7.50	10.33	14.55	18.94	23.39	27.77	32.22	36.65	41.09
8	PXVGMFN20		B	-1.58	-1.84	-3.49	-3.48	-3.48	-3.48	-3.48	-3.48	-3.49	-3.48	-3.48
9	PXVGMFN21		B	7.05	14.67	18.19	22.19	26.19	30.19	34.19	38.19	42.19	46.19	50.19
10	PXVGMFN22		B	9.65	11.52	10.10	10.09	10.09	10.09	10.09	10.09	10.09	10.09	10.09
11	PXVGMFN23		B	5.00	3.70	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
12	PXVGMFN26		B	20.38	19.43	24.18	26.18	28.18	30.18	32.18	34.18	36.18	38.18	40.18
13	PXVGMFN27		B	10.42	9.04	1.04	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
14	PXVGMFN28		B	4.64	10.99	11.06	13.06	15.06	17.06	19.06	21.06	23.06	25.06	27.06
15	PXVGMFN30		B	1.33	0.73	-5.76	-4.76	-5.76	-6.76	-7.76	-8.76	-9.76	-10.76	-11.76
16	PXVGMFN31		B	2.09	-0.37	-5.52	-7.53	-9.53	-11.53	-13.53	-15.53	-17.53	-19.53	-21.53
17	PXVGRGC48		B	-1.04	-2.42	-2.10	-2.70	-3.30	-3.90	-4.50	-5.10	-5.70	-6.30	-6.90
18	PXVGRGT		B	-1.22	-4.24	-7.18	-10.38	-13.58	-16.78	-19.98	-23.18	-26.38	-29.58	-32.78
19	PXVGRGU49		B	11.25	15.26	22.88	31.88	40.88	49.88	58.88	67.88	76.88	85.88	94.88
20	PXVGSV		B	2.58	0.48	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
21	PXVHCO		B	1.02	1.82	2.08	2.24	3.64	5.71	7.46	9.34	11.09	12.71	13.06
22	PXVNMFN29		B	37.03	38.81	35.55	39.66	43.23	47.12	51.36	55.98	61.02	66.51	72.50
23	PXVNMG		B	74.72	88.11	77.90	110.90	143.90	175.90	201.90	223.90	245.90	266.90	287.90
24	RATXOPERNS		B	0.0005	-0.0017	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053
25	RAWLSS		B	0.056	-0.018	2.040	2.040	2.040	2.040	2.040	2.040	2.040	2.040	2.040
26	SAWRRDAV		B	0.102	0.111	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
27	TEBSIFS		B	-15.10	-4.46	9.23	9.28	12.58	15.18	16.78	19.48	22.00	25.24	28.97
28	TEBSTROS		B	0.49	0.76	0.91	1.31	1.71	2.11	2.51	2.91	3.31	3.71	4.11
29	TEBSTRPS		B	-0.09	-0.25	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
30	TEBSTVS		B	0.91	1.52	1.44	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
31	TECGDO+1$		B	9.19	6.40	-0.69	-12.34	-27.70	-43.39	-63.19	-79.60	-92.14	-101.72	-111.55
32	TECGD2+4$		B	1.11	-0.10	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40
33	TECGD5.9-3-220$		B	0.93	15.33	19.83	25.70	31.49	39.45	46.58	59.15	72.96	86.03	96.67
34	TMBSIFS		B	-2.51	-10.29	-13.47	-14.47	-15.47	-14.97	-13.92	-15.57	-17.72	-18.87	-21.72
35	TMBSTROS		B	0.61	1.40	2.42	2.92	3.42	3.92	4.42	4.92	5.42	5.92	6.42
36	TMBSTRPS		B	0.51	0.81	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
37	TMBSIVS		B	-0.05	0.20	0.23	0.13	0.03	-0.07	-0.17	-0.27	-0.37	-0.47	-0.57
38	TMCGTO+1$		B	-0.05	-0.82	-3.44	-5.44	-5.44	-5.44	-5.44	-5.44	-5.44	-5.44	-5.44
39	TMCGT2+4$		B	0.27	-1.00	-1.61	-1.60	-1.00	-0.81	-0.51	-0.51	-0.10	0.20	0.99
40	TMCGT5.9-UGT3$		B	8.81	6.59	2.95	-0.48	-3.20	-6.63	-10.32	-16.53	-24.50	-31.01	-39.05
41	TRTOPUS		B	-2.21	-3.17	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18
42	TXCRFS		B	-3.97	-5.57	-7.33	-11.82	-12.42	-13.03	-13.63	-14.43	-15.22	-16.02	-23.71
43	TXCRFEGAS$		B	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	TXCRS$		B	-18.36	-28.95	-33.91	-40.55	-48.49	-57.99	-69.36	-82.95	-98.21	-113.66	-129.00
45	TXCRSSGAS$		B	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	TXCCFS		B	1.96	-0.94	-2.78	-1.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80
47	TXCCS$		B	-0.82	-0.87	-1.42	-2.02	-2.62	-3.22	-3.82	-4.42	-5.02	-5.62	-7.10
48	TXCPFS		B	-8.91	-5.14	-13.13	-23.06	-34.35	-39.84	-43.93	-51.78	-59.63	-65.28	-70.93
49	TXCPS$		B	-0.00	0.60	-0.80	-1.80	-3.00	-8.40	-14.20	-21.60	-27.40	-35.00	-40.10
50	TXCSFT-9$		B	0.06	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	0.00	-0.00
51	TXCSFIS$		B	-0.28	-5.00	-12.03	-13.03	-14.03	-15.03	-16.03	-17.03	-18.03	-19.03	-20.03

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[illegible] ANNUAL AND INDUSTRY FORECASTING MODEL
HIGHER PRODUCTIVITY ALTERNATIVE - DECEMBER 6, 1978

TABLE 85.40 CONSTANT ADJUSTMENTS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	TXCSST$		B	4.56	5.40	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.89
2	TXOPFDVIPR$		B	0.18	-0.53	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85
3	TXOPFEN		B	9.724	7.953	4.814	3.814	2.814	1.814	0.814	-0.186	-1.186	-2.186	-3.186
4	TXOPFRN		B	-1.943	-1.781	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480	-0.480
5	TXOPFY1		B	-0.0108	-0.0165	-0.0126	-0.0058	0.0003	0.0050	0.0082	0.0091	0.0095	0.0095	0.0094
6	TXOPFY2		B	-0.0042	-0.0105	-0.0077	-0.0022	0.0030	0.0070	0.0097	0.0102	0.0104	0.0102	0.0099
7	TXOPFY3		B	0.0075	-0.0035	-0.0042	-0.0004	0.0035	0.0067	0.0087	0.0083	0.0076	0.0067	0.0058
8	TXOPFY4		B	0.0004	0.0002	0.0008	0.0030	0.0055	0.0078	0.0092	0.0082	0.0073	0.0063	0.0056
9	TXOPFY5		B	-0.0532	-0.0830	-0.1059	-0.1395	-0.1692	-0.1994	-0.2317	-0.2712	-0.3069	-0.3401	-0.3715
10	TXOPFY6		B	-0.1338	-0.1678	-0.1957	-0.2719	-0.3557	-0.4367	-0.5092	-0.5721	-0.6199	-0.6551	-0.6800
11	TXOPFY7		B	-0.0943	-0.0972	-0.1375	-0.2101	-0.3007	-0.3978	-0.4909	-0.5698	-0.6308	-0.6752	-0.7067
12	TXOPFY8+		B	-0.0787	-0.0838	-0.1049	-0.1367	-0.1814	-0.2308	-0.2836	-0.3393	-0.3901	-0.4358	-0.4781
13	WRCGVG		B	-2.13	-3.18	-1.65	-2.27	-2.86	-3.45	-4.05	-4.65	-5.25	-5.85	-6.44
14	WRCAG$		B	8.359	9.050	8.561	8.562	7.920	6.640	4.720	2.159	-1.042	-4.879	-9.358
15	WRCCO$		B	-4.600	-4.789	-7.785	-6.656	-7.063	-6.900	-6.494	-5.452	-4.523	-2.821	-0.912
16	WRCGVF$		B	-38.202	-54.771	-69.668	-91.582	-116.049	-142.759	-171.018	-201.398	-232.532	-265.390	-300.354
17	WRCGVS$		B	-8.831	-8.260	-10.008	-12.879	-11.879	-10.879	-10.879	-9.879	-9.879	-9.879	-9.319
18	WRCMFD24$		B	-0.200	-0.066	-0.027	-0.027	-0.027	-0.028	-0.028	-0.027	-0.028	-0.027	-0.027
19	WRCMFD25$		B	-0.007	0.104	0.087	0.117	0.130	0.143	0.156	0.169	0.182	0.195	0.245
20	WRCMFD32$		B	-0.047	-0.017	-0.046	-0.059	-0.059	-0.059	-0.059	-0.059	-0.059	-0.059	-0.009
21	WRCMFD33$		B	0.049	0.172	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.211
22	WRCMFD34$		B	-0.156	-0.088	-0.035	-0.085	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.087
23	WRCMFD35$		B	0.264	0.049	0.031	0.081	0.081	0.081	0.081	0.081	0.081	0.081	0.120
24	WRCMFD36$		B	-0.207	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
25	WRCMFD37SP2$		B	-0.024	0.008	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.062
26	WRCMFD37$		B	-1.012	-0.976	-1.073	-1.173	-1.173	-1.173	-1.173	-1.173	-1.173	-1.173	-1.203
27	WRCMFD38$		B	0.083	0.189	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215
28	WRCMFN20$		B	0.279	0.061	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.102
29	WRCMFN21$		B	0.249	0.123	0.027	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.122
30	WRCMFN22$		B	-0.109	-0.089	-0.070	-0.090	-0.090	-0.090	-0.090	-0.090	-0.090	-0.090	-0.090
31	WRCMFN23$		B	-0.135	-0.137	-0.128	-0.133	-0.133	-0.133	-0.133	-0.133	-0.133	-0.133	-0.140
32	WRCMFN26$		B	-0.316	-0.209	-0.324	-0.390	-0.390	-0.390	-0.390	-0.390	-0.390	-0.390	-0.310
33	WRCMFN27$		B	0.137	0.155	0.096	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.138
34	WRCMFN28$		B	-0.043	0.174	0.080	0.090	0.100	0.110	0.120	0.130	0.140	0.150	0.148
35	WRCMFN29$		B	0.300	0.358	0.328	0.387	0.407	0.427	0.447	0.467	0.487	0.507	0.592
36	WRCMFN30$		B	-0.350	0.036	0.020	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
37	WRCMFN31$		P	0.083	0.116	0.096	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.117
38	WRCMG$		B	0.345	0.182	-0.148	-0.148	-0.148	-0.118	-0.118	-0.118	-0.118	-0.058	-0.058
39	WRCRGC48$		B	-12.838	-8.155	-12.769	-13.670	-14.570	-15.470	-16.370	-17.270	-17.170	-14.430	-12.330
40	WRCRGT$		B	2.052	-7.250	-2.304	-3.543	-2.785	-2.025	-1.265	-0.504	0.256	1.016	3.547
41	WRCRGU49$		B	-0.743	-8.795	-8.256	-6.436	-5.616	-4.796	-2.676	-0.656	1.664	4.484	8.924
42	XVGAG		B	-8.33	-8.66	-8.79	-8.28	-3.69	-3.14	-2.59	-2.04	-1.49	-0.98	-0.39
43	XVGFC		B	0.31	0.07	-0.00	0.84	1.70	2.55	3.40	4.25	5.10	5.95	6.80
44	XVGFI-65+6		B	-0.50	0.82	0.74	1.24	1.75	2.25	2.75	3.25	3.75	4.25	4.75
45	XVGFI65+6		B	1.03	0.88	0.82	1.01	1.22	1.42	1.63	1.83	2.03	2.23	2.44
46	XVGGVFE		B	-0.89	-0.84	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.17	-1.12	-1.07
47	XVGGVSE		B	-0.32	-0.70	-1.09	-0.80	-0.50	-0.20	0.11	0.41	0.71	1.01	1.31
48	XVGMFD24		B	0.42	0.92	1.38	1.58	1.78	1.98	2.18	2.38	2.93	3.52	4.11
49	XVGMFD25		B	-0.07	0.03	0.22	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
50	XVGMFD32		B	1.15	0.66	1.36	1.41	1.47	1.53	1.59	1.65	1.71	1.77	1.84
51	XVGMFD33		B	1.17	1.72	2.32	2.69	2.98	3.28	3.58	3.88	4.19	4.49	4.88

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TABLE 85.40 CONSTANT ADJUSTMENTS

LINE	VAR	LABEL		1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1	XVGMFD34		B	-0.38	0.38	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
2	XVGMFD35		B	0.43	1.49	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.64	2.64
3	XVGMFD36		B	0.79	1.83	1.11	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
4	XVGMFD37SP1		B	-0.04	0.87	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
5	XVGMFD371		B	1.34	2.26	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17
6	XVGMFD38		B	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
7	XVGMFD39		B	-0.20	-0.09	-0.17	-0.12	-0.07	-0.02	0.03	0.08	0.13	0.18	0.23
8	XVGMFN20		B	1.68	1.74	1.63	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64
9	XVGMFN21		B	-0.12	-0.25	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33
10	XVGMFN22		B	-0.48	-0.76	-1.13	-1.23	-1.34	-1.44	-1.54	-1.64	-1.73	-1.83	-1.93
11	XVGMFN23		B	0.22	-0.04	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
12	XVGMFN26		B	0.05	0.32	0.34	0.45	0.55	0.65	0.75	0.85	0.95	1.05	1.15
13	XVGMFN27		B	0.02	1.00	1.62	1.82	2.02	2.22	2.42	2.62	2.82	3.02	3.22
14	XVGMFN28		B	0.22	0.12	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15	XVGMFN29		B	-0.28	-0.18	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
16	XVGMFN30		B	-0.32	-0.19	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
17	XVGMFN31		B	-0.03	-0.04	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
18	XVGMQ10		B	0.05	0.14	0.18	0.27	0.36	0.45	0.54	0.63	0.72	0.87	1.04
19	XVGMG11+12		B	0.39	0.69	0.94	1.17	1.41	1.65	1.89	2.13	2.37	2.61	2.85
20	XVGMG13		B	3.21	4.47	5.34	6.27	7.19	8.11	9.03	9.95	10.87	11.79	12.71
21	XVGMG14		B	0.33	0.58	0.90	1.01	1.12	1.23	1.34	1.45	1.56	1.67	1.78
22	XVGOTIVA		B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XVGOTIM		B	-0.03	-0.07	-0.17	-0.19	-0.22	-0.24	-0.26	-0.29	-0.31	-0.34	-0.36
24	XVGRGC48		B	0.03	-0.65	-1.34	0.08	-3.00	-3.98	-5.55	-6.73	-7.63	-8.39	-8.59
25	XVGRGT40		B	-0.57	-0.61	-0.55	-0.43	-0.33	-0.23	-0.13	-0.03	0.07	0.17	0.27
26	XVGRGT41		B	-0.50	-0.58	-0.61	-0.55	-0.49	-0.43	-0.37	-0.31	-0.25	-0.19	-0.13
27	XVGRGT42		B	0.00	-0.27	-0.81	-1.09	-1.37	-1.65	-1.93	-2.21	-2.49	-2.77	-3.05
28	XVGRGT44		B	0.04	-0.10	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
29	XVGRGT45		B	-0.47	-0.82	-1.27	-1.30	-1.33	-1.36	-1.39	-1.42	-1.45	-1.48	-1.51
30	XVGRGT46		B	-0.12	-0.18	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
31	XVGRGT47		B	0.06	0.08	0.09	0.13	0.17	0.21	0.25	0.29	0.33	0.37	0.41
32	XVGRGU49		B	1.38	2.24	3.58	5.38	6.98	8.38	9.88	11.58	13.68	15.98	18.28
33	XVGRH		B	-0.54	-2.21	-2.29	-2.80	-3.30	-3.79	-4.29	-4.79	-5.29	-5.79	-6.29
34	XVGSV		B	1.33	-5.08	-7.63	-7.63	-7.43	-7.22	-7.02	-6.82	-6.62	-6.41	-6.21
35	XVGWHR52,9		B	2.15	2.60	0.83	1.55	2.28	3.00	3.72	4.45	5.17	5.89	6.61
36	XVGWHW50+1		B	-3.50	-4.34	-4.97	-4.85	-4.72	-4.60	-4.48	-4.36	-4.24	-4.12	-3.99
37	YDIVT$		B	0.72	1.63	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
38	YDTH$		B	10.04	13.54	13.67	19.17	24.67	30.17	35.67	41.17	46.67	52.17	57.67
39	YPOSAVR		B	0.748	1.614	2.905	3.306	3.950	4.313	4.516	4.742	4.863	4.809	4.627

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