

**PROJECTED DEFENSE PURCHASES:
DETAIL BY INDUSTRY AND STATE**

Calendar Years 1999 through 2005



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FOREWORD

Projected Defense Purchases: Detail by Industry and State is issued by the Office of the Secretary of Defense (OSD). The estimates presented in the report are produced by the Economic and Manpower Analysis Division, Office of the Director for Program Analysis and Evaluation, Office of the Secretary of Defense.

The report provides projections of direct and indirect (defense-related) purchases from 50 major manufacturing industries, and estimates of direct and indirect defense spending in each state and the District of Columbia. An introduction presents a brief overview of the definitions, budgetary concepts, and expenditure categories used in developing the estimates, and offers some guidelines for interpreting them. The tabular material is divided into three sections:

Section I: Summary Tables – Industry Expenditures and Employment,
Individual States and Entire United States

Section II: Projections for Selected Industries

Section III: Individual State Projections

Descriptions of table formats accompany the projections.

Additional copies of this report may be obtained on the PA&E public access website homepage, <http://www.ra.pae.osd.mil/depps>. A feedback form for comments is at the end of the report.

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Reader's Note

With the 1996 edition of *Projected Defense Purchases: Detail by Industry and State*, the Department of Defense inaugurated a new version of the input-output model used to estimate defense and defense-related expenditures. The revisions to the model affect the estimates for specific industries, in large part because the industry definitions have changed as described below. In particular:

- The input-output model now includes 320 industries and is maintained by Interindustry Forecasting Project at the University of Maryland (Inforum). It replaces the previous 429-industry model, which was maintained by DRI/McGraw-Hill. Because fewer industries are represented in the new model, the definitions of some industries have changed. (The differences are greatest in the agriculture and service sectors.)
- The model now reflects the standard industrial classification (SIC) system promulgated by the Office of Management and Budget in 1987, rather than the 1982 SIC system, which underlay previous projections. This change also affects the definition of industries, particularly the electronics industry.

Both of these modifications affect projections for individual industries. For example: one of the largest industrial sectors in the earlier projections was the Radio and Television Communications Equipment sector, which included electronic sensors used in many defense applications. The 1987 industrial classification system contains more detail on electronics sectors; it is now possible to break out purchases of sensors from the remainder of radio and television communications equipment, and to produce projections for this individual industry.

In addition, the industries from which research and development purchases are made can now be better identified. Whereas funding for bench research and basic exploration was formerly allocated to the major weapons-producing sectors (e.g., aircraft, missiles, radio and TV equipment, etc.), such funding is now allocated to research laboratory, engineering, and architectural services industries.

The restructuring was so substantial that the input-output model has been renamed. The model is now called the Defense Employment and Purchases Projection System, or DEPPS. **The projections presented in this report should not be compared with estimates published before 1996, for states or for industries.**

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INTRODUCTION AND HIGHLIGHTS

This report presents estimates of defense purchases during calendar years 1999-2005 from 50 industries that are major defense suppliers. The report also provides projections of defense-related employment and of defense and defense-related spending for each of the 50 states and the District of Columbia during 1999-2005. The estimates are based on the President's budget submission of February 1999, and on the geographic distribution of the major components of defense spending in the recent past. A description of the model and data used to generate the estimates may be found in supporting documentation.¹

The figures reported here are projections; they do not necessarily reflect what actual defense expenditures will be in various industries or states in future years. Purchases from particular industries will depend upon the size and composition of the defense budget enacted by the Congress; the location of purchases will be determined not only by the level of defense spending, but also by the location of industries and by competition among firms within industries, both for prime contracts and for subcontracts.² The projections therefore serve as benchmarks: *they describe the future pattern of defense and defense-related expenditures, assuming that each state's shares of the various components of defense activity remain as they were in the recent past.*

The input-output model used to produce the projections was completely rebuilt in 1996, and the definitions of industries for which projections are reported have changed. (The new projections divide the economy into 320 industries, rather than the 429 industries employed in the previous model.) The restructured model produces more accurate and useful projections; *the changes are significant enough to render comparisons with projections made before 1996 inappropriate, for states as well as industries.*

Definitions and Coverage

The estimates presented in the following sections consider both "direct" and "indirect" defense expenditures. Direct defense expenditures are those that the Department of Defense

¹ Forthcoming from Economic and Manpower Analysis Division, Office of the Director, Program Analysis and Evaluation, Office of the Secretary of Defense, Room 2D311, Pentagon, Washington, D.C. 20301-1800, telephone number (703) 697-2999; to be available at <http://www.ra.pae.osd.mil/depps>.

² The Directorate for Information Operations and Reports in the Washington Headquarters Services publishes comprehensive data on prime contract awards and personnel expenditures, by state, in a volume entitled *Atlas/State Data Abstract for the United States*. The edition covering fiscal year 1998 is available from the Superintendent of Documents at <http://web1.whs.osd.mil/mmids/pubs.htm>. Paper copies are not available.

(DoD) itself makes. Examples include purchases of goods and services, as well as military and civilian pay.

Indirect (or defense-related) expenditures, by contrast, represent purchases—generated throughout the economy—of items used to produce goods bought by DoD. That is, indirect expenditures reflect the costs of materials, tools, and parts that prime contractors buy from suppliers in order to perform work for which DoD has contracted. Those sales, in turn, trigger subsequent rounds of transactions, as subcontractors purchase goods and services from their major suppliers and those firms place orders with companies at lower tiers of the production chain. The term “indirect defense purchases” applies to this sequence of purchases—of goods and services from subcontractors and lower-tier suppliers.

“Indirect defense purchases resulting from direct pay,” shown in the state-level tables in Section III, refer to the production of goods and services consumed by DoD’s civilian and military employees. Estimates of these expenditures are included in the statewide tables because the concept has been of interest to planning agencies and others concerned with local economic development. The methods used to generate these estimates are viewed as experimental, however, and are still under development. Indirect defense purchases resulting from direct pay are *not* included in the industry estimates reported in Section II.

The employment estimates include DoD civilian employment and employment resulting from direct and indirect DoD purchases of goods and services. Employment generated by indirect purchases resulting from direct pay (i.e., by personal consumption expenditures) is *not* included in the estimates.

Budget Concept Employed. The DEPPS projections are expressed in terms of outlays. Outlays represent disbursements of funds made during the course of a year. In contrast, budget authority is the amount of money that Congress authorizes DoD to obligate in any given year. Budget authority differs from outlays in that contractual obligations (which must be within the limits set by budget authority) often call for payments to be spread over a period of years, as work is completed. (Budget authority for RDT&E and procurement projects, in particular, tends to be disbursed over several years.) Thus, during periods of budget growth, budget authority tends to exceed outlays in any given year.

Coverage. The federal budget is divided into a number of sections (called “functional categories”), each containing programs serving a common purpose. National security-related programs are grouped into Functional Category 050 (National Defense). This category *includes* all of the Defense Department’s *military* programs plus national security programs administered by other federal departments, such as the Department of Energy. It *excludes nonmilitary* programs managed by the Department of Defense (for example, highway bridge inspection projects conducted by the Army Corps of Engineers).

The DEPPS projections are based on a narrower budget grouping, Functional Category 051 (Department of Defense, Military). This category *includes* all of the Defense Department’s military programs, but *excludes* national security programs administered by other agencies and

DoD programs serving civil functions (principally public works projects of the U.S. Army Corps of Engineers). The projections also include disbursements of military retirement pay.

The defense budget (defined here to include only those programs falling within Functional Category 051) is partitioned into five major accounts: military personnel; operations and maintenance (O&M); procurement; research, development, test, and evaluation (RDT&E); and military construction. The titles of these accounts are reasonably descriptive of the types of expenses they cover:

- The *military personnel* account covers the pay of active-duty service members and reservists as well as some other personnel-related expenses, such as permanent change-of-station travel and purchases of military uniforms. Also included in this account is DoD's share of the government's annual payments into the Military Retirement Fund (see below).
- The *O&M* account funds the day-to-day operations of the defense establishment. Money from this account goes to purchase fuel and other consumable items and to pay all but a small share of DoD's civilian work force.
- The *procurement* account covers purchases of weapons and equipment, and other military capital goods.
- The *RDT&E* account pays for the development and testing of new military systems, and for other research activities and associated civilian pay.
- The *military construction* account covers the cost of constructing military facilities and of providing housing for military personnel and their dependents.

The DEPPS projections include disbursements of military retirement pay from the Military Retirement Fund (Functional Category 602 in the *Budget of the United States Government*). This trust fund receives payments from the military personnel account of the defense budget (i.e., from Functional Category 051) as well as from the general fund of the federal budget; the balance in the Military Retirement Fund is invested in U.S. government securities and earns interest. Annual disbursements from the Military Retirement Fund are currently larger than DoD's annual payments into it.

The DEPPS projections include all outlays from the DoD military personnel account *except* payments *into* the Military Retirement Fund. Military pay and annuity payments to military retirees have different geographical patterns; accordingly, the projections use two different, historically-based distribution rules—one for military pay and one for retirement pay. Because the DEPPS projections include disbursements of retirement pay, the summations across states of direct defense purchases slightly exceed outlays from Category 051.

Highlights of the Projections

The composition of projected defense purchases is quite different from the composition of purchases in the nondefense economy. Figure 1 presents information on the composition of projected defense and nondefense final purchases in 2000, excluding salaries. A large proportion of defense purchases—52 percent—are made from manufacturing industries. In contrast, only about 32 percent of nondefense final purchases are made from the manufacturing sector of the economy. Services constitute about 42 percent of defense final purchases, but about 63 percent of nondefense final purchases. (These are non-labor purchases; if DoD personnel costs are included, the share of purchases from manufacturing industries is roughly equal to the economy-wide share.)

Figure 2 presents information on the composition of estimated defense and nondefense indirect purchases—the sales of tools, materials, and supplies used as intermediate goods in the production process. Indirect defense purchases more nearly resemble their nondefense counterparts than do direct defense purchases; manufacturing accounts for about 39 percent of projected defense indirect purchases, and for about 35 percent of projected nondefense indirect purchases. Services account for half of projected defense and nondefense indirect purchases.

The first table in Section I of this report lists the 50 non-food/tobacco manufacturing industries with the largest (direct plus indirect) projected defense production. While some of these industries are armaments or defense-oriented (shipbuilding, tanks and tank components, aircraft, and guided missiles, for example), a significant share of defense purchases are made directly or indirectly from industries not so obviously oriented toward defense activities (e.g., electronics, blast furnaces and steel mills, motor vehicle parts, industrial controls, telephone and telegraph equipment, and apparel).

Defense-Related Employment. Defense-related civilian employment (including the civilian work force of the Department of Defense) represents about 1.8 percent of projected total U.S. civilian employment in 2000. The composition of defense-related civilian employment (in 2000) differs somewhat from that of nondefense employment. The differences reflect the manufacturing intensity of defense purchases, as well as specific employment patterns of the individual industries from which defense purchases are made.

Occupations primarily associated with manufacturing industries (e.g., precision production, craft, and repair) account for a large share of defense-related employment (17 percent), while service and agricultural workers account for a large proportion of nondefense employment (22 percent) (see Figure 3). Engineering workers also account for a somewhat larger share of defense-related employment (6 percent) than they do of nondefense employment (1 percent). More detailed tabulations of defense-related employment (including engineering and scientific personnel, by specialty) are provided in Section I.

Defense Expenditures by State. Table 1 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2000 for each of the nine U.S. census divisions and for the United States as a whole. For each region and each expenditure category,

the table provides both an estimate for the census region and a range of estimates corresponding to the upper and lower bounds of the projections for the individual states within the region.

The geographic distribution of defense expenditures reflects both the distribution of military personnel and DoD civilian employees, and that of the industries that make defense goods. While New England, for example, ranks seventh among the nine census regions in defense pay per capita, it ranks third in total projected defense purchases and third in total projected direct expenditures.

The dispersion within regions is large relative to the dispersion across regions. For example:

- Seven of the nine regions contain one or more states in which total projected defense expenditures (direct plus indirect from direct) exceed the national average, and all nine regions contain one or more states in which these expenditures are less than the national average; in only two regions are these expenditures less than the national average in all the states.

- Eight of the nine regions contain at least one state in which total projected defense expenditures are less than 70 percent of the national average, and all nine regions contain at least one state in which total projected defense expenditures are greater than 70 percent of the national average. At the same time, six regions contain at least one state in which total projected defense expenditures are less than 50 percent of the national average, and seven regions contain at least one state in which total projected defense expenditures are greater than 95 percent of the national average.

The DEPPS projections describe the pattern of defense and defense-related expenditures, assuming that the geographic distribution of the various components of defense activity remains what it has been in recent years. The actual course of completion of defense contracts may produce a future geographic pattern that differs from historical distributions.

Total Defense Expenditures. Table 2a displays expenditures from the entire DoD budget by major account, as well as procurement expenditures for major categories of weapon systems. The sum of expenditures each year is the total of DoD's outlays for the calendar year. Table 2b displays indirect defense expenditures.

Limitations of the Projections

The projections of defense purchases presented in Section II comprise direct and indirect purchases from various industries. They attempt to include all defense purchases, whether or not the purchases are made domestically.

By contrast, the state-level projections in Section III include only purchases and pay estimated to be made in the 50 states and the District of Columbia. They exclude expenditures

made abroad or in U.S. territories, the pay of military personnel stationed on ships in foreign waters, and expenditures for imported goods. In order to factor out such expenditures, historical data showing the distribution of military personnel are used and an assumption is made about the level of defense imports. Specifically, it is assumed that, for the products of any given industry, imports constitute the same share of defense purchases as they do of civilian purchases. Because the Defense Department is required to channel most of its purchases to domestic firms, and because defense purchases often represent specialized products, the percentage of defense purchases accounted for by imports may be lower than this assumption suggests. To the extent that this is the case, the projections will underestimate the proportion of defense expenditures occurring in the United States.

Comparisons With Previous Estimates

The input-output model used to generate estimates for this report has been rebuilt since the document was last issued. The revisions to the model affect results for specific industries. In particular:

- The input-output model now includes 320 industries and is maintained by Interindustry Forecasting at the University of Maryland (Inforum). It replaces a 429-industry model that was maintained by DRI/McGraw-Hill, which was used before 1996. Because fewer industries are represented in the new model, the definitions of some industries have changed. (The differences are greatest in the agriculture and service sectors.)
- The model now reflects the standard industrial classification (SIC) system promulgated by the Office of Management and Budget in 1987, rather than the 1982 SIC system, which underlay previous projections.

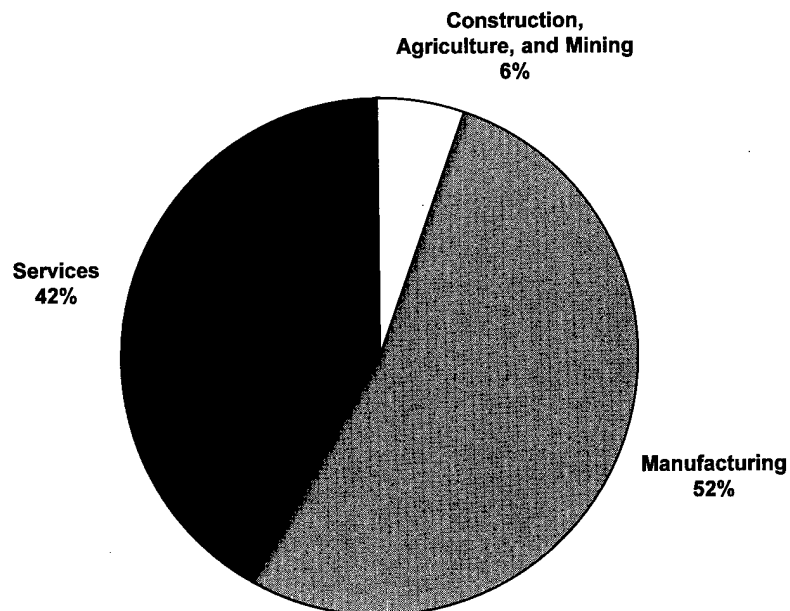
Both of these changes affect projections for individual industries. For example, one of the largest industrial sectors in the earlier projections was the Radio and Television Communications Equipment sector, which included electronic sensors used in many defense applications. The 1987 industrial classification system contains more detail on electronics sectors; it therefore is possible to break out purchases of sensors from the remainder of radio and television communications equipment, and to produce projections for this individual industry.

In addition, the industries from which R&D purchases are made now are better identified. Whereas funding for bench research and basic exploration was formerly allocated to the major weapons-producing sectors (e.g., aircraft, missiles, radio and TV equipment, etc.), such funding is now allocated to the research laboratory, engineering, and architectural services industries.

Given the significance of these changes, the DEPPS projections should not be compared with estimates published in earlier editions of this report, for states or for industries.

Figure 1.
Composition of Defense and Non-Defense Purchases for 2000

Direct Defense Purchases



Direct Nondefense Purchases

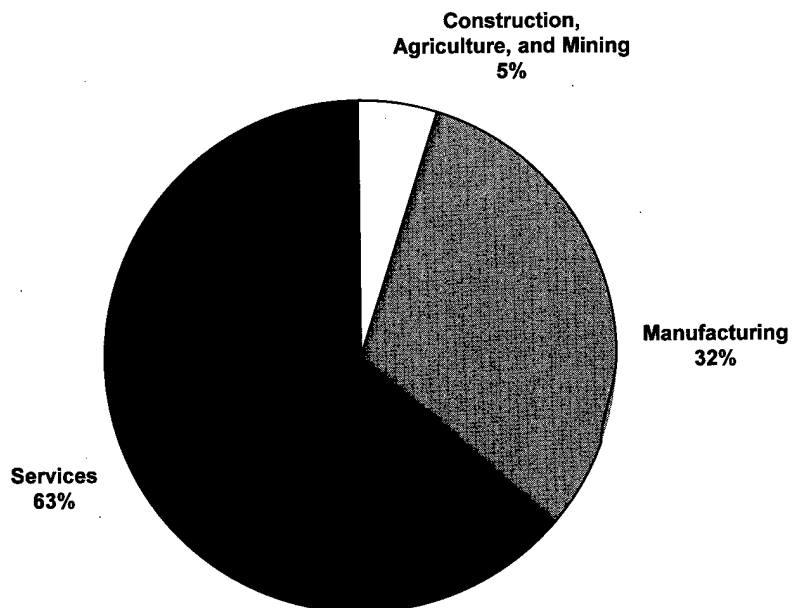
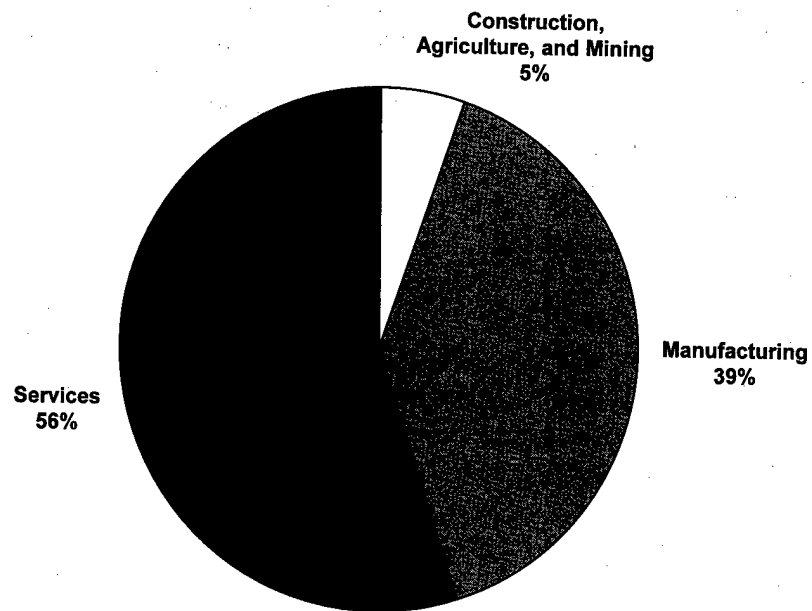


Figure 2.
Composition of Defense and Non-Defense Purchases for 2000

Indirect Defense Purchases



Indirect Nondefense Purchases

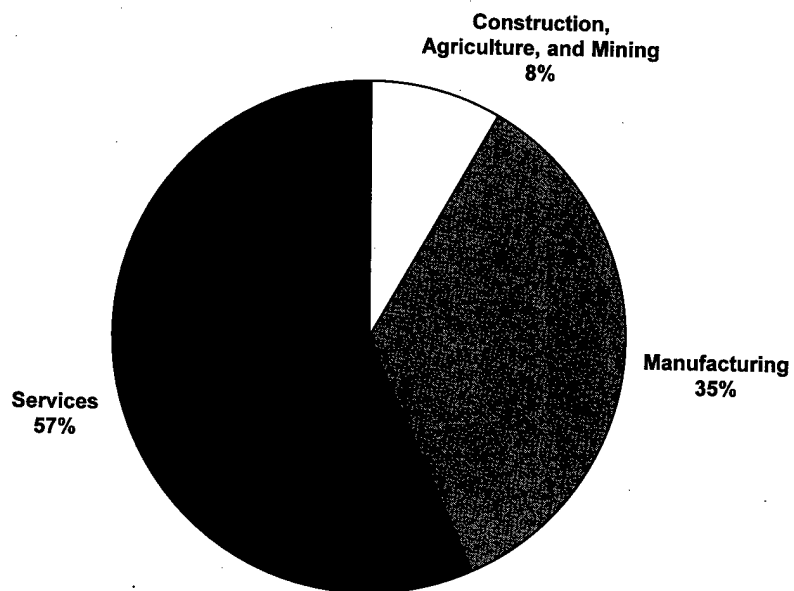
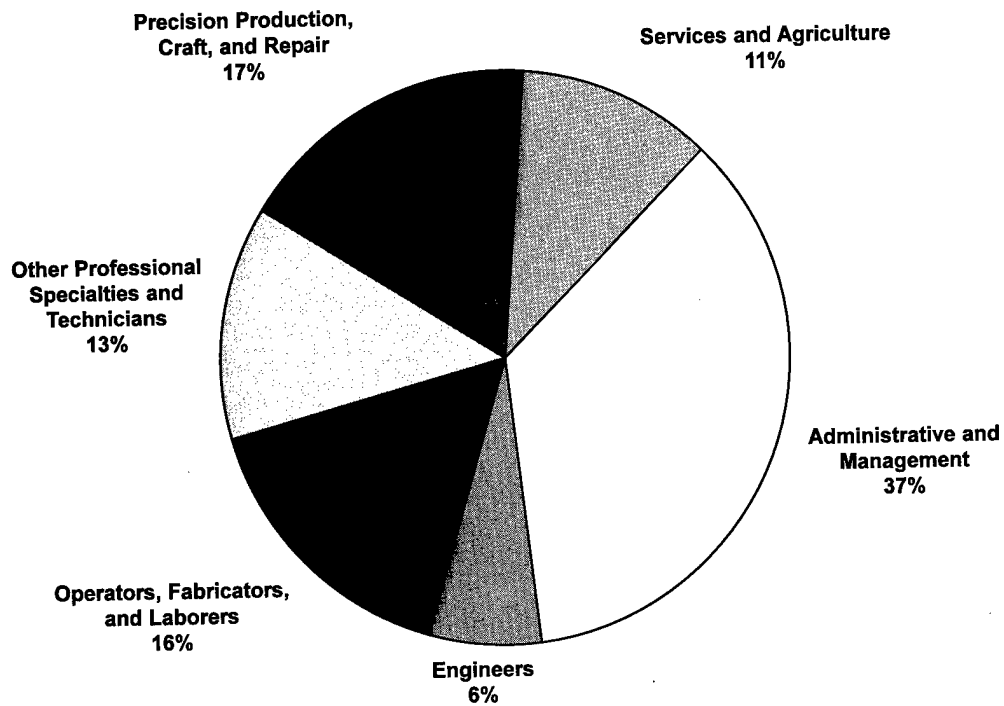


Figure 3.
Composition of Civilian Employment for 2000

Defense-Related Employment



Nondefense-Related Employment

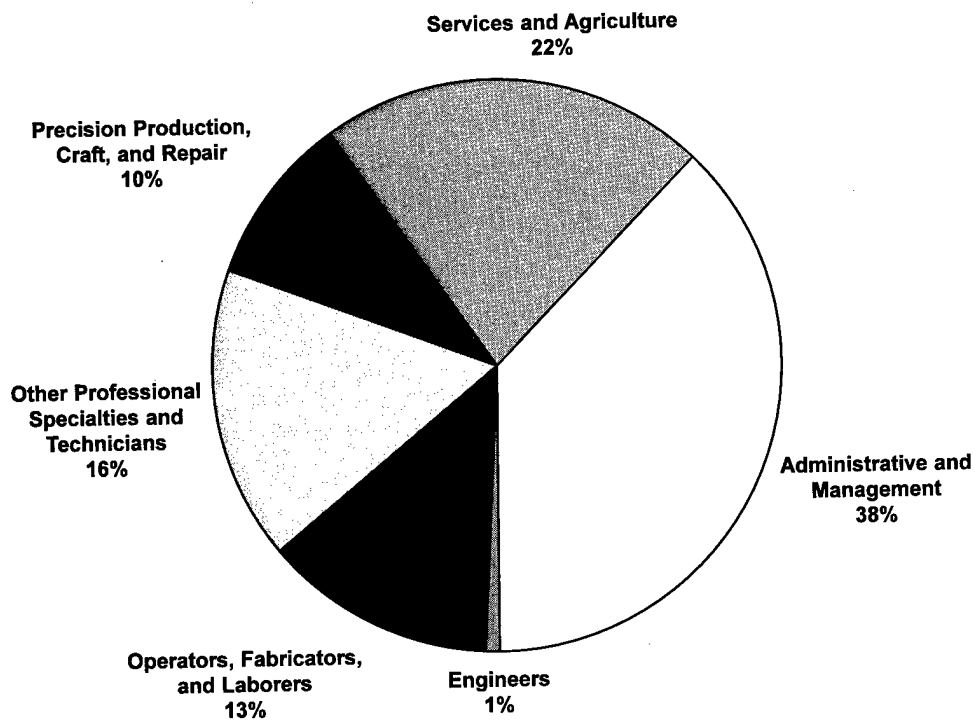


Table 1.
Estimated Defense Expenditures Per Capita, 2000
(By region, in 2000 dollars)

Region	Direct			Indirect from Direct Purchases	
	Pay	Purchases	Total	Purchases	Total
New England	252 (172 - 553)	907 (327 - 1065)	1159 (502 - 1439)	569 (294 - 722)	1728 (1000 - 1959)
Mid-Atlantic	176 (112 - 241)	354 (298 - 521)	531 (410 - 744)	406 (326 - 507)	937 (736 - 1251)
South Atlantic	816 (160 - 3004)	830 (98 - 2929)	1646 (258 - 5933)	551 (329 - 1375)	2197 (590 - 7308)
East North Central	186 (95 - 269)	214 (139 - 332)	400 (240 - 572)	433 (333 - 514)	833 (573 - 1086)
West North Central	297 (98 - 744)	570 (144 - 1292)	867 (331 - 1656)	436 (303 - 546)	1303 (634 - 2202)
East South Central	447 (227 - 608)	533 (300 - 781)	980 (673 - 1338)	437 (335 - 604)	1418 (1060 - 1907)
West South Central	491 (330 - 779)	463 (126 - 546)	954 (456 - 1080)	545 (346 - 594)	1499 (802 - 1633)
Mountain	523 (300 - 750)	481 (102 - 710)	1004 (402 - 1326)	428 (231 - 568)	1432 (737 - 1807)
Pacific	547 (172 - 2213)	735 (56 - 1357)	1281 (229 - 3176)	535 (342 - 1939)	1817 (571 - 4841)
United States	440 (95 - 3004)	553 (56 - 2929)	992 (229 - 5933)	486 (231 - 1939)	1479 (571 - 7308)

Source: RDEPPS calculations

NOTES: The numbers in parentheses reflect the lower and upper bounds of the estimates for individual states in the regions.

New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Mid-Atlantic: New Jersey, New York, Pennsylvania

South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia

East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin

West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota

East South Central: Alabama, Kentucky, Mississippi, Tennessee

West South Central: Arkansas, Louisiana, Oklahoma, Texas

Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming

Pacific: Alaska, California, Hawaii, Oregon, Washington

Table 2a.
Sources of Projected Direct Defense Purchases
Department of Defense
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	74,838	74,445	71,809	72,861	72,917	73,567	75,578
Operations & Maintenance	98,299	98,443	100,716	99,632	99,366	99,476	99,596
Aircraft	17,820	17,946	19,002	20,163	21,243	21,837	22,068
Missiles	2,928	2,791	3,075	3,405	3,720	3,950	4,024
Weapons and Tracked Vehicles	1,618	1,454	1,444	1,479	1,577	1,772	2,037
Ships and Conversions	8,123	6,899	7,153	7,574	8,384	8,682	8,968
Ammunition	311	274	273	282	285	296	300
Other	17,821	18,515	20,195	21,431	22,641	23,689	24,396
Total Procurement	48,621	47,878	51,141	54,334	57,850	60,227	61,792
Research, Development, Test, Evaluation	36,678	34,358	33,719	33,151	32,606	31,935	30,965
Military Construction	5,213	4,505	4,159	4,856	4,462	4,104	4,053
Family Housing and Homeowners Asst Prog	3,886	3,628	3,437	3,498	3,485	3,486	3,486
Defense-Wide Contingencies	40	-967	-1,918	-1,731	22	1,174	4,716
Revolving and Management Funds	1,378	218	813	757	670	709	873
Trust & Receipts	-1,523	-1,304	-1,151	-1,125	-1,067	-995	-956
Deductions, Intragovernment Receipts	-130	-117	-115	-113	-111	-109	-107
Total Direct Defense Purchases	267,301	261,088	262,611	266,118	270,199	273,572	279,996

Source: IDEPPS calculations
Note: Numbers may not add due to rounding.

Table 2b.
Sources of Projected Indirect Defense Purchases
Department of Defense
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	11,448	11,438	9,949	10,917	11,075	11,520	12,810
Operations & Maintenance *	49,910	49,247	52,268	53,062	55,608	57,769	62,528
Aircraft	15,085	15,412	16,346	17,360	18,229	18,810	19,164
Missiles	2,267	2,188	2,446	2,739	3,017	3,226	3,300
Weapons and Tracked Vehicles	2,225	2,003	1,993	2,045	2,182	2,467	2,841
Ships and Conversions	4,877	4,142	4,269	4,555	5,036	5,128	5,296
Ammunition	264	232	231	240	243	254	258
Other	15,731	16,594	18,240	19,543	20,820	21,860	22,679
Total Procurement	40,449	40,571	43,526	46,482	49,527	51,746	53,537
Research, Development, Test, Evaluation	30,221	28,744	28,495	28,308	28,127	27,816	27,181
Military Construction	3,022	2,532	2,277	2,547	2,246	2,030	2,001
Family Housing	1,447	1,364	1,314	1,360	1,345	1,352	1,360
Total Indirect Defense Purchases	136,495	133,896	137,829	142,676	147,928	152,232	159,418

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Source: IDEPPS calculations

Note: Numbers may not add due to rounding.

SECTION I: SUMMARY TABLES - Industry Expenditures and Employment, Individual States and Entire United States

The summary tables provide an overview of estimated defense expenditures and employment. The Table 3 presents estimates of total defense purchases from the 50 non-food/tobacco manufacturing industries leading in defense production in 2000. These estimates include both direct and indirect purchases. Table 4 presents estimates of defense-related employment by major occupational category, while Table 5 provides more detailed estimates of defense-related employment of engineers and scientists.

The remaining five tables present state-level information:

- The first three state-level tables present estimates of direct defense expenditures, first in the aggregate and then for selected budget accounts. Table 6 shows outlays (for purchases and pay) projected to be made in each state during each year of the forecast period. (The estimates assume that state shares of the underlying components of pay and purchases remain at recent levels.) The next two tables present statewide estimates by budget category; Table 7 shows outlays arising from the procurement and RDT&E accounts, while Table 8 displays outlays resulting from the remaining accounts.
- The last two state-level tables present estimates of indirect defense expenditures. Table 9 shows indirect expenditures arising from purchases made by the Department of Defense; Table 10 shows indirect expenditures arising from the wages and salaries of DoD personnel and from military retirement pay.

Table 3.
Projected Defense Purchases from Fifty Non-Food/Tobacco Manufacturing Industries Leading in Defense Production in 2000
in Millions of 2000 Dollars

Ind #	Supplying Industry	1999	2000	2001	2002	2003	2004	2005
237	Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.	12,214	11,564	12,299	13,051	13,948	14,751	15,018
235	Aircraft	9,436	9,972	10,481	10,814	10,846	10,851	11,049
238	Shipbuilding and Repairing	8,706	7,739	8,192	8,626	9,644	10,211	10,432
236	Aircraft and Missile Engines, Propulsion Units and Parts	7,919	7,619	7,573	7,555	7,635	7,821	7,930
220	Radio and TV Broadcasting and Communication Equipment	7,224	7,200	7,502	7,700	7,931	8,245	8,366
21	Guided Missiles and Space Vehicles	5,532	5,285	5,460	5,617	5,820	5,882	6,035
110	Petroleum Refining, Except Fuel Oil	5,433	5,148	5,160	5,193	5,605	5,970	7,000
223	Electronic Components, n.e.c.	4,144	4,126	4,361	4,489	4,649	4,774	4,869
222	Semiconductors and Related Devices	3,694	3,791	4,123	4,416	4,737	5,036	5,337
246	Search and Navigation Equipment	3,685	3,672	3,806	4,004	4,222	4,301	4,341
22	Ammunition, Except Small Arms	3,535	3,397	3,647	3,882	4,120	4,204	4,287
198	Electronic Computers	2,977	2,960	3,126	3,205	3,298	3,353	3,457
111	Fuel Oil	2,469	2,321	2,303	2,307	2,503	2,677	3,191
118	Miscellaneous Plastic Products	2,330	2,319	2,431	2,524	2,634	2,720	2,868
233	Motor Vehicles and Passenger Car Bodies	2,071	2,071	2,201	2,405	2,623	2,699	2,937
133	Steel Mills, Blast Furnaces, and Rolling and Finishing Mills	1,784	1,684	1,728	1,763	1,813	1,829	1,858
248	Measuring Devices and Environmental Controls	1,584	1,563	1,682	1,770	1,834	1,895	1,957
95	Industrial Inorganic Chemicals	1,519	1,478	1,533	1,555	1,592	1,618	1,665
90	Commercial Printing	1,349	1,323	1,365	1,404	1,447	1,481	1,543
174	Industrial Trucks, Tractors, Trailers, and Stackers	1,316	1,301	1,356	1,393	1,400	1,423	1,478
249	Surgical and Medical Instruments	1,151	1,124	1,155	1,179	1,209	1,234	1,281
142	Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire	1,134	1,102	1,129	1,163	1,179	1,197	1,223
221	Electron Tubes	1,085	1,038	1,024	1,020	1,033	1,046	1,042
59	Apparel	1,035	1,035	913	1,012	1,037	1,068	1,150
96	Industrial Organic Chemicals	1,065	1,032	1,054	1,080	1,109	1,129	1,172
234	Motor Vehicle Parts and Accessories	1,040	1,025	1,070	1,144	1,229	1,264	1,373
210	Motors and Generators	950	897	901	927	913	909	921
199	Computer Peripheral Equipment	872	868	915	937	966	984	1,013
164	Fabricated Metal Products, n.e.c.	775	812	886	907	957	992	1,031
151	Fabricated Plate Work (Boiler Shops)	826	794	832	826	834	830	827
163	Pipes, Valves, and Pipe Fittings	747	756	805	830	880	918	968
141	Aluminum Rolling and Drawing Products	732	714	743	766	790	803	825
102	Plastics Materials and Resins	691	678	702	724	748	766	798
253	Laboratory and Optical Instruments	653	677	740	757	792	817	831
216	Electric Lamps, Light Fixtures, and Wiring	709	665	666	683	667	664	691
159	Metal Plating, Polishing, and Coating	654	650	687	716	748	776	802
78	Paper Mills, Including Building Paper	666	647	661	674	689	699	722
177	Special Dies, Jigs, Molds, and Cutting Tools	637	646	667	680	683	684	702

Source: IDEPPS calculations

Table 3. (continued)
Projected Defense Purchases from Fifty Non-Food/Tobacco Manufacturing Industries Leading in Defense Production in 2000
in Millions of 2000 Dollars

Ind #	Supplying Industry	1999	2000	2001	2002	2003	2004	2005
230	Electrical Machinery, Equipment and Supplies, n.e.c.	659	629	633	636	637	635	635
197	Industrial and Commercial Machinery, n.e.c.	613	604	630	655	679	698	725
86	Newspaper Publishing and Printing	626	595	595	596	598	594	599
53	Broadwoven Fabric Mills	623	593	557	592	592	599	644
219	Telephones, Switchboards, Modems, Faxes, Etc.	573	572	630	669	704	736	769
169	Construction Machinery and Equipment	623	560	552	582	576	568	592
89	Miscellaneous Publishing	592	551	556	558	567	557	574
153	Screw Machine Products, Bolts and Nuts	553	549	577	600	622	637	660
81	Paperboard Containers and Boxes	529	522	541	555	575	593	626
145	Nonferrous Castings and Forgings	499	485	496	507	522	538	550
175	Machine Tools, Metal Cutting Types	481	468	455	420	386	367	366
61	Miscellaneous Fabricated Textile Products	469	463	466	495	524	544	599

Table 4.
Projected Defense and Defense-Related Civilian Employment by Occupational Category
 Rounded to Thousands of Workers

Occupational Category	1999	2000	2001	2002	2003	2004	2005
Managerial and Administrative	137	132	134	138	141	142	146
Management Support	156	150	148	148	148	149	150
Engineers	168	161	160	159	159	159	161
Scientists	245	238	240	242	245	248	253
Technicians and Related Support	111	106	107	107	109	110	113
Marketing and Sales	127	123	125	128	131	133	138
Administrative Support (including Clerical)	534	510	508	511	513	514	522
Service	274	265	265	269	272	275	281
Agriculture, Forestry, Fishing and Related	20	19	19	19	20	20	21
Precision Production, Craft, and Repair	474	450	454	461	467	471	478
Operators, Fabricators, and Laborers	438	419	421	433	441	446	458
Total All Categories:	2,685	2,573	2,582	2,616	2,647	2,669	2,720

Source: LDEPPS calculations
 Note: numbers may not add due to rounding

Table 5.
Projected Defense and Defense-Related Civilian Employment of Engineers and Scientists
Rounded to Thousands of Workers

Occupational Category	1999	2000	2001	2002	2003	2004	2005
Aeronautical and astronautical engineers	16.5	15.7	15.6	15.4	15.3	15.3	15.3
Chemical engineers	2.8	2.7	2.7	2.7	2.6	2.7	2.7
Civil engineers, including traffic engineers	20.9	20.0	19.5	19.2	19.0	19.0	19.1
Electrical and electronics engineers	65.2	62.6	61.9	61.4	61.3	61.6	62.1
Industrial engineers, except safety engineers	11.4	11.0	11.1	11.2	11.3	11.4	11.6
Mechanical engineers	32.5	31.1	30.6	30.3	30.2	30.2	30.4
Metallurgists and metallurgical, ceramic, and materials engineers	1.2	1.2	1.1	1.1	1.1	1.1	1.1
All other engineers	17.8	17.1	17.4	17.6	18.0	18.2	18.5
Total Engineers	168.4	161.4	160.0	158.9	158.9	159.5	160.7
Architects and surveyors	3.4	3.3	3.2	3.2	3.1	3.1	3.2
Life scientists	1.9	1.8	1.8	1.7	1.7	1.7	1.8
Computer systems analysts, engineers, and scientists	105.9	104.0	105.5	107.4	109.6	112.0	114.9
Mathematicians and other mathematical scientists	3.4	3.2	3.1	3.1	3.0	3.0	3.1
Operations research analysts	8.0	7.7	7.5	7.4	7.3	7.3	7.3
Chemists	5.1	4.9	4.8	4.7	4.7	4.7	4.7
Geologists, geophysicists, and oceanographers	1.1	1.0	1.0	1.0	1.0	1.0	1.0
Physicists and astronomers	0.5	0.5	0.5	0.5	0.5	0.5	0.5
All other physical scientists	5.4	5.2	5.0	4.9	4.9	4.9	4.9
Social scientists	4.2	4.0	3.9	3.9	3.9	3.9	3.9
Total Scientists	138.9	135.6	136.4	137.8	139.7	142.1	145.3
Total Engineers and Scientists:	307	297	296	297	299	302	306

Source: LDEPPS calculations
Note: numbers may not add due to rounding

Table 6.
Projections of Total Direct Expenditures, by State
Rounded to Millions of 2000 dollars

State	1999	2000	2001	2002	2003	2004	2005
Alabama	5,952	5,800	5,762	5,787	5,793	5,802	5,868
Alaska	1,938	1,895	1,881	1,913	1,932	1,960	2,030
Arizona	5,435	5,344	5,450	5,544	5,638	5,713	5,811
Arkansas	1,219	1,200	1,189	1,195	1,199	1,205	1,228
California	42,249	41,181	41,681	42,370	43,191	43,725	44,834
Colorado	5,705	5,526	5,479	5,458	5,461	5,469	5,482
Connecticut	4,113	3,880	3,987	4,111	4,291	4,392	4,482
Delaware	1,178	1,155	1,167	1,182	1,194	1,205	1,227
District of Columbia	3,179	3,103	3,100	3,100	3,119	3,142	3,225
Florida	15,973	15,646	15,729	15,887	16,026	16,135	16,280
Georgia	10,739	10,439	10,359	10,396	10,448	10,503	10,594
Hawaii	4,075	3,993	3,932	3,960	3,962	3,982	4,062
Idaho	554	541	535	538	537	536	542
Illinois	4,344	4,242	4,222	4,280	4,310	4,339	4,448
Indiana	3,395	3,345	3,414	3,448	3,498	3,564	3,665
Iowa	980	960	983	1,007	1,025	1,043	1,058
Kansas	2,214	2,177	2,190	2,217	2,238	2,264	2,316
Kentucky	3,291	3,211	3,167	3,195	3,232	3,275	3,421
Louisiana	3,556	3,395	3,393	3,445	3,563	3,649	3,829
Maine	1,954	1,811	1,854	1,908	2,044	2,125	2,173
Maryland	11,075	10,840	10,911	11,069	11,233	11,358	11,614
Massachusetts	7,879	7,670	7,814	7,933	8,037	8,110	8,165
Michigan	2,359	2,323	2,362	2,402	2,423	2,439	2,491
Minnesota	2,013	1,950	1,998	2,036	2,087	2,113	2,159
Mississippi	4,011	3,767	3,838	3,944	4,164	4,294	4,369
Missouri	9,336	9,172	9,433	9,696	9,889	10,054	10,200
Montana	485	473	469	471	475	479	495
Nebraska	1,212	1,186	1,183	1,185	1,194	1,204	1,235
Nevada	1,232	1,211	1,205	1,209	1,208	1,208	1,218
New Hampshire	1,066	1,046	1,067	1,081	1,094	1,105	1,118
New Jersey	6,238	6,085	6,101	6,234	6,326	6,398	6,573
New Mexico	2,374	2,305	2,286	2,291	2,291	2,294	2,309
New York	7,556	7,435	7,547	7,710	7,850	7,982	8,182
North Carolina	7,892	7,738	7,595	7,717	7,737	7,794	7,997
North Dakota	697	683	675	682	681	685	696
Ohio	6,649	6,472	6,488	6,481	6,521	6,562	6,698
Oklahoma	3,717	3,642	3,613	3,615	3,630	3,655	3,736
Oregon	796	777	769	768	764	761	764
Pennsylvania	7,112	6,924	6,959	6,966	6,992	7,020	7,163
Rhode Island	1,046	1,018	1,013	1,019	1,017	1,016	1,027
South Carolina	3,997	3,920	3,915	3,954	3,985	4,013	4,082
South Dakota	419	410	407	410	410	411	417
Tennessee	3,869	3,809	3,743	3,825	3,847	3,883	3,993
Texas	21,409	20,906	21,008	21,226	21,530	21,805	22,418
Utah	1,831	1,787	1,774	1,765	1,762	1,762	1,778
Vermont	316	310	316	320	324	325	327
Virginia	30,143	29,246	29,400	29,650	30,103	30,430	30,993
Washington	8,324	8,138	8,135	8,190	8,277	8,355	8,547
West Virginia	490	474	468	474	472	470	475
Wisconsin	1,399	1,366	1,377	1,397	1,426	1,449	1,523
Wyoming	621	611	584	601	608	621	661
U.S. Total	279,603	272,536	273,929	277,263	281,057	284,084	289,998

Source: RDEPPS calculations

Table 7.
Projections of Total Direct Procurement and RDT&E Expenditures, by State
Rounded to Millions of 2000 dollars

State	1999	2000	2001	2002	2003	2004	2005
Alabama	1,558	1,479	1,481	1,482	1,477	1,461	1,433
Alaska	109	110	116	123	128	138	138
Arizona	2,257	2,227	2,330	2,423	2,504	2,562	2,596
Arkansas	89	91	97	100	105	109	111
California	17,506	17,028	17,579	18,220	18,855	19,171	19,462
Colorado	2,219	2,102	2,074	2,056	2,060	2,060	2,022
Connecticut	2,649	2,466	2,581	2,700	2,890	2,993	3,049
Delaware	596	582	603	611	622	631	640
District of Columbia	365	341	337	333	327	320	311
Florida	5,175	5,038	5,174	5,323	5,469	5,563	5,577
Georgia	3,790	3,618	3,638	3,666	3,729	3,766	3,742
Hawaii	147	138	138	138	139	139	138
Idaho	31	29	29	29	29	28	28
Illinois	758	749	791	827	866	887	910
Indiana	1,104	1,112	1,176	1,223	1,253	1,299	1,319
Iowa	462	460	486	508	534	555	563
Kansas	314	312	330	345	358	369	376
Kentucky	120	117	122	126	129	132	133
Louisiana	643	573	605	637	711	753	769
Maine	1,090	964	1,024	1,082	1,220	1,299	1,329
Maryland	2,894	2,802	2,902	2,996	3,102	3,151	3,153
Massachusetts	5,077	4,921	5,024	5,124	5,200	5,246	5,212
Michigan	732	735	787	826	849	863	880
Minnesota	945	912	950	985	1,026	1,042	1,045
Mississippi	1,867	1,661	1,760	1,858	2,082	2,210	2,258
Missouri	6,276	6,188	6,468	6,728	6,930	7,093	7,189
Montana	13	12	12	13	13	13	13
Nebraska	70	67	68	69	70	70	70
Nevada	36	35	36	36	37	37	37
New Hampshire	486	477	491	502	511	519	520
New Jersey	1,718	1,679	1,737	1,818	1,881	1,911	1,912
New Mexico	509	476	479	482	485	485	476
New York	2,892	2,865	2,986	3,098	3,204	3,288	3,316
North Carolina	631	614	648	675	694	707	715
North Dakota	18	17	18	18	18	19	19
Ohio	1,853	1,784	1,817	1,845	1,869	1,880	1,873
Oklahoma	286	277	288	299	307	313	317
Oregon	65	62	64	65	67	67	68
Pennsylvania	1,683	1,627	1,669	1,699	1,722	1,733	1,730
Rhode Island	187	181	184	188	192	193	192
South Carolina	461	452	481	506	536	555	565
South Dakota	10	9	9	10	10	10	10
Tennessee	476	448	443	437	429	418	404
Texas	5,960	5,794	5,991	6,180	6,337	6,437	6,457
Utah	322	308	312	317	320	320	317
Vermont	139	136	141	146	150	152	152
Virginia	6,649	6,146	6,298	6,460	6,781	6,929	6,926
Washington	1,852	1,811	1,869	1,929	1,987	2,022	2,029
West Virginia	24	22	22	21	21	20	20
Wisconsin	168	166	177	187	199	205	213
Wyoming	17	17	17	18	18	18	19
U.S. Total	85,298	82,235	84,859	87,484	90,455	92,160	92,756

Source: RDEPPS calculations

Table 8.
Projections of Total Direct Expenditures Excluding Procurement and RDT&E, by State
Rounded to Millions of 2000 dollars

State	1999	2000	2001	2002	2003	2004	2005
Alabama	4,395	4,321	4,281	4,306	4,316	4,340	4,435
Alaska	1,828	1,785	1,765	1,790	1,804	1,822	1,891
Arizona	3,178	3,117	3,120	3,121	3,134	3,151	3,215
Arkansas	1,130	1,109	1,092	1,095	1,094	1,096	1,116
California	24,743	24,153	24,102	24,151	24,337	24,554	25,371
Colorado	3,487	3,423	3,405	3,402	3,400	3,409	3,460
Connecticut	1,464	1,414	1,406	1,412	1,401	1,399	1,433
Delaware	582	573	565	571	571	575	587
District of Columbia	2,814	2,762	2,763	2,768	2,792	2,822	2,914
Florida	10,798	10,608	10,555	10,564	10,556	10,572	10,703
Georgia	6,949	6,821	6,722	6,730	6,718	6,738	6,852
Hawaii	3,928	3,855	3,794	3,821	3,824	3,842	3,924
Idaho	524	512	506	509	508	508	515
Illinois	3,586	3,493	3,431	3,453	3,443	3,452	3,538
Indiana	2,290	2,233	2,238	2,226	2,244	2,265	2,346
Iowa	518	500	497	498	492	488	495
Kansas	1,900	1,864	1,860	1,871	1,881	1,895	1,940
Kentucky	3,170	3,094	3,045	3,069	3,102	3,144	3,288
Louisiana	2,913	2,822	2,787	2,808	2,852	2,896	3,060
Maine	864	847	830	826	824	826	844
Maryland	8,181	8,038	8,009	8,074	8,131	8,208	8,461
Massachusetts	2,802	2,749	2,791	2,809	2,836	2,865	2,953
Michigan	1,627	1,588	1,575	1,576	1,574	1,576	1,611
Minnesota	1,068	1,039	1,048	1,051	1,061	1,071	1,115
Mississippi	2,144	2,106	2,078	2,087	2,082	2,084	2,110
Missouri	3,059	2,984	2,965	2,968	2,960	2,961	3,010
Montana	472	461	457	458	462	466	482
Nebraska	1,142	1,119	1,115	1,117	1,124	1,134	1,165
Nevada	1,196	1,176	1,170	1,173	1,171	1,170	1,180
New Hampshire	580	568	576	579	583	586	598
New Jersey	4,520	4,406	4,364	4,416	4,445	4,487	4,661
New Mexico	1,865	1,828	1,807	1,809	1,806	1,809	1,833
New York	4,664	4,570	4,561	4,612	4,645	4,694	4,866
North Carolina	7,261	7,125	6,947	7,042	7,044	7,087	7,282
North Dakota	679	665	657	664	663	666	677
Ohio	4,796	4,688	4,671	4,636	4,652	4,682	4,825
Oklahoma	3,431	3,364	3,326	3,316	3,323	3,342	3,419
Oregon	732	715	705	703	697	693	697
Pennsylvania	5,429	5,296	5,290	5,267	5,270	5,287	5,433
Rhode Island	859	837	829	830	825	823	834
South Carolina	3,536	3,469	3,434	3,448	3,448	3,458	3,517
South Dakota	409	401	398	400	400	401	407
Tennessee	3,393	3,361	3,300	3,388	3,418	3,465	3,589
Texas	15,449	15,113	15,016	15,046	15,193	15,368	15,961
Utah	1,510	1,480	1,463	1,448	1,442	1,442	1,461
Vermont	177	173	175	174	174	173	175
Virginia	23,494	23,099	23,103	23,190	23,323	23,502	24,067
Washington	6,472	6,327	6,266	6,261	6,290	6,333	6,519
West Virginia	466	452	447	453	451	450	455
Wisconsin	1,231	1,200	1,200	1,210	1,227	1,244	1,310
Wyoming	603	594	567	583	590	603	642
U.S. Total	194,305	190,301	189,070	189,779	190,603	191,923	197,242

Source: RDEPPS calculations

Table 9.
Projections of Indirect Defense Purchases Resulting from Direct Purchases, by
Rounded to Millions of 2000 dollars

State	1999	2000	2001	2002	2003	2004	2005
Alabama	2,746	2,687	2,754	2,840	2,927	2,993	3,104
Alaska	1,305	1,266	1,284	1,336	1,379	1,411	1,485
Arizona	2,156	2,135	2,218	2,314	2,406	2,487	2,591
Arkansas	928	909	936	970	1,008	1,039	1,094
California	17,207	16,893	17,403	17,996	18,625	19,154	19,974
Colorado	1,987	1,945	2,003	2,070	2,143	2,205	2,309
Connecticut	1,680	1,648	1,697	1,753	1,810	1,859	1,924
Delaware	344	337	347	359	373	385	407
District of Columbia	732	719	747	769	793	813	845
Florida	5,064	5,014	5,200	5,428	5,651	5,842	6,111
Georgia	3,932	3,848	3,944	4,083	4,232	4,366	4,575
Hawaii	690	678	698	726	750	770	806
Idaho	464	464	485	508	530	549	575
Illinois	4,930	4,801	4,914	5,073	5,247	5,386	5,642
Indiana	3,031	2,968	3,068	3,181	3,303	3,396	3,547
Iowa	898	879	916	954	993	1,024	1,073
Kansas	1,250	1,224	1,259	1,303	1,357	1,404	1,484
Kentucky	1,613	1,580	1,628	1,686	1,751	1,801	1,892
Louisiana	2,177	2,111	2,146	2,202	2,310	2,402	2,624
Maine	376	370	379	394	408	420	438
Maryland	4,189	4,116	4,209	4,376	4,526	4,650	4,863
Massachusetts	4,573	4,473	4,581	4,721	4,854	4,953	5,092
Michigan	3,276	3,218	3,327	3,450	3,589	3,688	3,862
Minnesota	2,094	2,052	2,112	2,185	2,263	2,323	2,424
Mississippi	966	943	968	1,000	1,040	1,072	1,134
Missouri	3,080	3,026	3,115	3,217	3,322	3,403	3,524
Montana	232	227	232	240	249	257	272
Nebraska	665	653	674	698	725	747	785
Nevada	436	432	447	464	482	498	524
New Hampshire	528	520	538	558	578	595	619
New Jersey	4,220	4,148	4,288	4,456	4,630	4,768	4,990
New Mexico	1,082	1,057	1,079	1,111	1,151	1,184	1,241
New York	6,035	5,920	6,079	6,283	6,491	6,659	6,930
North Carolina	2,974	2,929	3,009	3,134	3,255	3,355	3,523
North Dakota	255	249	255	263	274	282	298
Ohio	5,959	5,821	5,998	6,179	6,393	6,557	6,833
Oklahoma	1,720	1,675	1,717	1,768	1,848	1,914	2,054
Oregon	1,170	1,161	1,209	1,265	1,320	1,368	1,437
Pennsylvania	5,708	5,588	5,758	5,928	6,137	6,306	6,589
Rhode Island	418	412	426	442	458	471	491
South Carolina	1,651	1,622	1,671	1,740	1,806	1,859	1,951
South Dakota	244	241	250	262	273	282	295
Tennessee	2,234	2,189	2,243	2,324	2,404	2,464	2,570
Texas	12,201	11,942	12,251	12,654	13,186	13,636	14,497
Utah	1,104	1,080	1,109	1,153	1,194	1,229	1,285
Vermont	306	307	321	334	348	361	376
Virginia	8,514	8,411	8,727	9,053	9,382	9,657	10,101
Washington	3,445	3,392	3,503	3,643	3,786	3,915	4,087
West Virginia	628	612	630	649	672	690	722
Wisconsin	2,493	2,439	2,499	2,583	2,673	2,742	2,866
Wyoming	248	240	245	251	263	274	299
U.S. Total	136,161	133,571	137,493	142,328	147,568	151,863	159,035

Source: RDEPPS calculations

Table 10.
Projections of Indirect Defense Purchases Resulting from Direct Pay, by State
Rounded to Millions of 2000 dollars

State	1999	2000	2001	2002	2003	2004	2005
Alabama	1,298	1,263	1,230	1,214	1,202	1,198	1,206
Alaska	418	407	397	392	388	387	389
Arizona	1,347	1,319	1,288	1,274	1,264	1,263	1,274
Arkansas	544	528	513	505	498	495	496
California	8,503	8,289	8,073	7,970	7,889	7,867	7,915
Colorado	1,419	1,384	1,346	1,327	1,313	1,309	1,317
Connecticut	654	637	617	608	600	596	597
Delaware	230	224	219	216	213	213	214
District of Columbia	655	637	619	610	603	601	603
Florida	4,862	4,756	4,643	4,596	4,560	4,556	4,592
Georgia	2,662	2,600	2,538	2,511	2,490	2,487	2,506
Hawaii	1,158	1,129	1,101	1,088	1,078	1,077	1,085
Idaho	274	268	262	259	257	258	260
Illinois	2,316	2,256	2,191	2,160	2,134	2,124	2,132
Indiana	1,168	1,145	1,118	1,107	1,100	1,100	1,109
Iowa	455	443	429	422	416	412	413
Kansas	739	719	700	691	683	680	683
Kentucky	1,126	1,098	1,070	1,057	1,047	1,045	1,051
Louisiana	1,026	1,001	974	962	951	948	952
Maine	372	364	355	351	349	348	351
Maryland	1,978	1,930	1,882	1,861	1,845	1,842	1,856
Massachusetts	1,176	1,144	1,108	1,090	1,073	1,065	1,065
Michigan	1,443	1,408	1,365	1,343	1,323	1,312	1,314
Minnesota	855	841	821	816	813	815	824
Mississippi	743	723	703	693	685	682	685
Missouri	1,359	1,326	1,291	1,275	1,262	1,259	1,265
Montana	231	224	218	215	212	211	211
Nebraska	501	489	476	470	465	464	467
Nevada	821	808	788	781	776	776	781
New Hampshire	256	250	243	240	237	236	237
New Jersey	1,582	1,541	1,495	1,473	1,455	1,448	1,453
New Mexico	678	661	644	637	632	632	636
New York	2,747	2,665	2,571	2,520	2,475	2,448	2,443
North Carolina	2,577	2,517	2,459	2,435	2,418	2,417	2,438
North Dakota	267	261	254	251	249	248	250
Ohio	2,326	2,265	2,200	2,167	2,140	2,128	2,134
Oklahoma	1,226	1,194	1,164	1,149	1,138	1,135	1,142
Oregon	616	601	585	579	573	572	574
Pennsylvania	2,376	2,318	2,253	2,223	2,198	2,189	2,197
Rhode Island	298	291	283	280	277	277	279
South Carolina	1,334	1,302	1,270	1,256	1,245	1,244	1,253
South Dakota	197	192	187	185	183	182	183
Tennessee	1,081	1,057	1,030	1,018	1,009	1,006	1,013
Texas	5,647	5,512	5,373	5,308	5,261	5,255	5,295
Utah	618	603	587	580	574	572	575
Vermont	124	122	118	117	116	116	117
Virginia	5,440	5,302	5,177	5,119	5,076	5,070	5,110
Washington	2,186	2,132	2,080	2,056	2,038	2,034	2,048
West Virginia	291	283	275	271	267	266	267
Wisconsin	845	830	809	800	794	793	799
Wyoming	162	158	154	152	150	150	151
U.S. Total	73,209	71,416	69,546	68,679	67,995	67,805	68,206

Source: RDEPPS calculations

SECTION II: PROJECTIONS FOR SELECTED INDUSTRIES, IDEPPS

The tables in this section show projected defense and defense-related purchases from the 50 manufacturing industries expected to lead in defense production in calendar year 2000. A separate table is provided for each industry.

The upper portion of each table provides projections of direct and indirect defense purchases for calendar years 1999 through 2005. The lower portion of the table shows the indirect defense purchases estimated to result from DoD purchases from each of eleven industrial groupings.

The model produces projections for 320 industries; estimates for 50 of these industries are presented in this report. Those industries are grouped into 85 sectors in the state-level tables presented in Section III. Thus, industrial sector 44, "Aerospace," appearing in the state-level tables, includes four industries: industry 235, "Aircraft"; industry 236, "Aircraft and Missile Engines, Propulsion Units, and Parts"; industry 237, "Aircraft and Missile Parts and Auxiliary Equipment, n.e.c."; and industry 21, "Guided Missiles and Space Vehicles." A crosswalk between the industries cited in Section II and the industrial sectors addressed in Section III is provided in the appendix. (The appendix also contains a crosswalk to four-digit SIC codes.)

In addition, tables showing sources of defense purchases are provided for the 10 industries leading in defense production in 2000.

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**Projected Defense Purchases of
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,696	9,113	9,762	10,417	11,213	11,908	12,103
Indirect Purchases	2,518	2,451	2,538	2,634	2,735	2,843	2,915
Total :	12,214	11,564	12,299	13,051	13,948	14,751	15,018
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	449	431	425	420	423	433	439
Aircraft Parts	497	467	491	528	564	598	617
Ammunition	1	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2	2
Missiles	759	736	773	796	833	845	867
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	809	812	844	885	910	960	986
Total :	2,518	2,451	2,538	2,634	2,735	2,843	2,915

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	42	42	36	39	39	41	46
Operations & Maintenance *	2,166	2,156	2,329	2,371	2,461	2,547	2,672
Aircraft	5,868	5,341	5,707	6,196	6,847	7,456	7,521
Missiles	505	489	536	603	651	689	702
Weapons and Tracked Vehicles	3	2	2	2	3	3	4
Shipbuilding	10	8	9	12	14	14	14
Ammunition	0	0	0	0	0	0	0
Other	1,876	1,886	2,070	2,231	2,356	2,444	2,540
Total Procurement	8,262	7,726	8,325	9,045	9,871	10,606	10,780
RDT&E	1,649	1,559	1,535	1,517	1,507	1,491	1,456
Military Construction	78	64	57	60	52	46	46
Family Housing	17	16	17	19	19	19	19
Total :	12,214	11,564	12,299	13,051	13,948	14,751	15,018

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Aircraft**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,366	9,905	10,410	10,739	10,765	10,766	10,962
Indirect Purchases	71	67	71	76	81	85	87
Total :	9,436	9,972	10,481	10,814	10,846	10,851	11,049
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	2	2	2	2	2	2	2
Aircraft Parts	47	44	47	51	54	58	59
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	3	3	3	3	3	3	3
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	19	18	19	20	21	22	23
Total :	71	67	71	76	81	85	87

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases

Aircraft

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	0	0	0	0	-1	-1	-1
Operations & Maintenance *	492	479	520	533	560	584	620
Aircraft	7,560	8,182	8,668	8,990	8,991	8,975	9,154
Missiles	27	26	31	34	37	41	44
Weapons and Tracked Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Other	70	72	78	83	94	107	113
Total Procurement	7,658	8,281	8,776	9,107	9,123	9,123	9,311
RDT&E	1,280	1,206	1,180	1,169	1,159	1,142	1,114
Military Construction	6	5	5	5	4	4	3
Family Housing	1	1	1	1	1	1	1
Total :	9,436	9,972	10,481	10,814	10,846	10,851	11,049
Direct plus indirect purchases.							

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Shipbuilding and Repairing**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8,641	7,678	8,131	8,562	9,577	10,142	10,360
Indirect Purchases	65	62	61	64	67	69	72
Total :	8,706	7,739	8,192	8,626	9,644	10,211	10,432
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	20	17	18	19	22	23	24
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	45	44	42	44	45	46	48
Total :	65	62	61	64	67	69	72

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Shipbuilding and Repairing
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel Operations & Maintenance *	18 662	18 633	15 664	17 665	17 674	17 671	20 680
Aircraft	225	358	438	572	730	648	572
Missiles	26	23	28	28	31	33	33
Weapons and Tracked Vehicles	0	0	0	0	0	0	0
Shipbuilding	7,357	6,315	6,663	6,957	7,811	8,471	8,767
Ammunition	0	0	0	0	0	0	0
Other	0	0	0	1	1	1	1
Total Procurement	7,609	6,697	7,130	7,558	8,573	9,153	9,373
RDT&E	406	382	375	376	371	360	351
Military Construction	3	3	3	5	5	4	4
Family Housing	6	6	5	5	5	5	5
Total :	8,706	7,739	8,192	8,626	9,644	10,211	10,432

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Aircraft and Missile Engines, Propulsion Units and Parts**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,003	4,750	4,641	4,537	4,533	4,597	4,619
Indirect Purchases	2,916	2,870	2,933	3,018	3,102	3,224	3,311
Total :	7,919	7,619	7,573	7,555	7,635	7,821	7,930

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	941	894	875	856	857	870	875
Aircraft Parts	92	88	96	104	114	123	127
Ammunition	3	3	3	4	4	4	5
Communication Equipment	7	7	8	8	9	10	10
Missiles	330	322	340	352	370	377	389
Motor Vehicles	3	3	3	3	4	4	5
Shipbuilding	2	2	2	3	3	3	4
Tanks	0	0	0	1	1	1	1
Other Electronic Equipment	2	2	2	2	2	2	2
Other Ordnances	0	0	0	0	0	0	0
Other	1,536	1,547	1,603	1,685	1,739	1,830	1,895
Total :	2,916	2,870	2,933	3,018	3,102	3,224	3,311

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Aircraft and Missile Engines, Propulsion Units and Parts
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel Operations & Maintenance *	166 710	167 696	150 745	165 760	169 800	177 834	196 901
Aircraft	1,727	1,716	1,726	1,697	1,682	1,777	1,870
Missiles	221	194	204	251	288	314	319
Weapons and Tracked Vehicles	2	2	2	2	2	3	3
Shipbuilding	4	3	3	3	4	4	4
Ammunition	0	0	0	0	0	0	0
Other	235	241	261	283	288	307	311
Total Procurement	2,189	2,156	2,197	2,238	2,264	2,405	2,508
RDT&E	4,840	4,589	4,471	4,381	4,391	4,397	4,317
Military Construction	11	9	8	9	8	7	7
Family Housing	2	2	2	2	2	2	2
Total :	7,919	7,619	7,573	7,555	7,635	7,821	7,930

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Radio and TV Broadcasting and Communication Equipment**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6,334	6,297	6,554	6,719	6,923	7,217	7,312
Indirect Purchases	890	903	947	980	1,008	1,028	1,055
Total :	7,224	7,200	7,502	7,700	7,931	8,245	8,366
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	3	3	3	4	4	4	4
Ammunition	0	0	0	0	0	0	1
Communication Equipment	497	517	542	560	568	574	588
Missiles	321	313	330	341	358	364	375
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	16	15	16	17	19	20	21
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	3	3	3	3	3
Other Ordnances	0	0	0	0	0	0	0
Other	49	51	52	56	55	61	62
Total :	890	903	947	980	1,008	1,028	1,055

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Radio and TV Broadcasting and Communication Equipment
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	1	1	0	0	-1	-1	-1
Operations & Maintenance *	1,839	1,843	1,986	2,035	2,094	2,143	2,207
Aircraft	614	616	610	620	598	547	550
Missiles	83	81	86	99	108	117	121
Weapons and Tracked Vehicles	0	0	0	0	0	0	0
Shipbuilding	25	21	20	22	24	20	21
Ammunition	0	0	0	0	0	0	0
Other	2,744	2,832	3,036	3,190	3,379	3,698	3,783
Total Procurement	3,466	3,550	3,753	3,932	4,110	4,382	4,475
RDT&E	1,886	1,778	1,737	1,705	1,701	1,696	1,659
Military Construction	20	17	15	16	15	14	14
Family Housing	11	10	10	12	12	12	12
Total :	7,224	7,200	7,502	7,700	7,931	8,245	8,366

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Guided Missiles and Space Vehicles**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,353	5,114	5,282	5,434	5,630	5,690	5,839
Indirect Purchases	179	171	178	183	190	193	196
Total :	5,532	5,285	5,460	5,617	5,820	5,882	6,035

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	18	17	18	19	21	22	22
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	158	152	158	161	167	168	171
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	2	2	2	2	2	2	2
Total :	179	171	178	183	190	193	196

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Guided Missiles and Space Vehicles
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel Operations & Maintenance *	0	0	0	0	0	0	0
	700	688	717	705	693	683	688
Aircraft	43	50	57	64	73	75	73
Missiles	922	878	913	1,017	1,081	1,148	1,201
Weapons and Tracked Vehicles	0	0	0	0	0	0	0
Shipbuilding	11	9	8	10	10	6	6
Ammunition	0	0	0	0	0	0	0
Other	1,317	1,282	1,437	1,534	1,692	1,710	1,862
Total Procurement	2,293	2,218	2,415	2,624	2,855	2,940	3,143
RDT&E	2,538	2,377	2,328	2,286	2,271	2,259	2,203
Military Construction	1	0	0	1	0	0	0
Family Housing	0	0	0	0	0	0	0
Total :	5,532	5,285	5,460	5,617	5,820	5,882	6,035

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Petroleum Refining, Except Fuel Oil**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	2,034	1,892	1,897	1,881	2,083	2,259	2,774
Indirect Purchases	3,399	3,256	3,263	3,312	3,522	3,711	4,226
Total :	5,433	5,148	5,160	5,193	5,605	5,970	7,000

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	45	43	42	41	41	42	43
Aircraft Parts	65	62	66	71	77	82	84
Ammunition	47	46	49	53	56	58	59
Communication Equipment	67	68	71	75	78	82	84
Missiles	17	16	17	18	19	19	20
Motor Vehicles	31	31	33	36	40	41	44
Shipbuilding	70	62	66	69	77	82	83
Tanks	3	3	3	4	4	3	3
Other Electronic Equipment	26	25	26	27	27	27	28
Other Ordnances	3	3	3	3	3	3	3
Other	3,025	2,897	2,886	2,916	3,100	3,272	3,776
Total :	3,399	3,256	3,263	3,312	3,522	3,711	4,226

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Petroleum Refining, Except Fuel Oil
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	702	691	597	637	634	653	718
Operations & Maintenance *	4,143	3,887	3,978	3,950	4,349	4,686	5,646
Aircraft	120	122	130	138	145	148	151
Missiles	12	12	13	15	16	17	18
Weapons and Tracked Vehicles	14	12	12	13	13	15	17
Shipbuilding	38	33	34	36	40	41	42
Ammunition	2	2	2	2	2	2	2
Other	112	117	128	136	144	151	156
Total Procurement	298	298	319	339	360	375	386
RDT&E	249	236	234	231	229	225	219
Military Construction	26	22	20	22	19	17	17
Family Housing	15	14	13	13	13	13	13
Total :	5,433	5,148	5,160	5,193	5,605	5,970	7,000

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Electronic Components, n.e.c.**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,565	1,565	1,664	1,686	1,727	1,744	1,762
Indirect Purchases	2,579	2,560	2,697	2,803	2,923	3,030	3,107
Total :	4,144	4,126	4,361	4,489	4,649	4,774	4,869
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	21	21	20	20	20	21	21
Aircraft Parts	236	224	241	259	281	300	307
Ammunition	104	101	110	118	126	130	134
Communication Equipment	1,310	1,317	1,378	1,435	1,499	1,558	1,587
Missiles	190	184	193	199	208	211	217
Motor Vehicles	9	9	10	11	12	13	15
Shipbuilding	12	11	12	13	14	15	16
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	194	192	201	203	208	211	213
Other Ordnances	1	1	1	1	2	2	2
Other	500	500	530	543	552	567	595
Total :	2,579	2,560	2,697	2,803	2,923	3,030	3,107

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Electronic Components, n.e.c.
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel Operations & Maintenance *	14 1,480	14 1,459	12 1,549	13 1,567	13 1,599	14 1,621	16 1,674
Aircraft	403	402	417	446	479	502	509
Missiles	305	290	334	358	368	370	361
Weapons and Tracked Vehicles	5	5	5	5	6	6	8
Shipbuilding	28	21	19	24	22	10	11
Ammunition	2	2	2	2	2	2	2
Other	961	1,045	1,152	1,205	1,300	1,396	1,452
Total Procurement	1,704	1,765	1,929	2,040	2,177	2,286	2,342
RDT&E	869	822	811	804	802	799	783
Military Construction	59	49	44	49	42	38	38
Family Housing	18	16	16	16	16	16	16
Total :	4,144	4,126	4,361	4,489	4,649	4,774	4,869

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Semiconductors and Related Devices**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	66	63	65	67	70	74	78
Indirect Purchases	3,629	3,728	4,057	4,350	4,667	4,962	5,259
Total :	3,694	3,791	4,123	4,416	4,737	5,036	5,337
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	32	32	33	34	36	38	40
Aircraft Parts	237	234	263	294	330	366	388
Ammunition	263	265	298	332	368	391	414
Communication Equipment	1,166	1,221	1,331	1,437	1,554	1,675	1,764
Missiles	96	98	108	116	126	134	143
Motor Vehicles	57	59	66	75	85	92	105
Shipbuilding	35	33	36	40	48	53	57
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	205	214	235	248	263	276	289
Other Ordnances	13	13	14	15	17	18	18
Other	1,525	1,558	1,672	1,758	1,839	1,919	2,040
Total :	3,629	3,728	4,057	4,350	4,667	4,962	5,259

Note: numbers may not add due to rounding

**Sources of Projected Defense Purchases
Semiconductors and Related Devices**
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel Operations & Maintenance *	43 1,334	46 1,388	42 1,549	48 1,646	50 1,769	55 1,886	64 2,048
Aircraft	338	346	379	423	469	502	526
Missiles	67	67	79	90	101	110	115
Weapons and Tracked Vehicles	22	21	22	24	26	31	37
Shipbuilding	34	29	28	35	37	28	30
Ammunition	4	4	4	4	5	5	5
Other	676	736	835	923	1,027	1,143	1,226
Total Procurement	1,141	1,203	1,347	1,499	1,665	1,819	1,939
RDT&E	1,124	1,107	1,140	1,172	1,203	1,227	1,234
Military Construction	33	29	27	32	30	28	29
Family Housing	18	18	18	20	20	21	22
Total :	3,694	3,791	4,123	4,416	4,737	5,036	5,337

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Search and Navigation Equipment**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	3,564	3,553	3,684	3,879	4,094	4,167	4,205
Indirect Purchases	121	118	121	125	129	134	136
Total :	3,685	3,672	3,806	4,004	4,222	4,301	4,341

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	9	9	8	8	8	8	8
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	0	0	0	0	0	0	0
Communication Equipment	6	6	7	7	7	8	8
Missiles	4	4	4	4	5	5	5
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	9	8	8	9	10	10	11
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	92	90	93	96	98	102	103
Total :	121	118	121	125	129	134	136

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Search and Navigation Equipment
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
Military Personnel	1	1	1	1	1	1	1
Operations & Maintenance *	800	792	848	864	882	894	907
Aircraft	482	505	533	575	613	617	599
Missiles	90	90	90	96	98	103	108
Weapons and Tracked Vehicles	0	0	0	0	0	0	0
Shipbuilding	197	141	110	152	128	9	10
Ammunition	0	0	0	0	0	0	0
Other	1,413	1,485	1,580	1,678	1,869	2,058	2,111
Total Procurement	2,183	2,222	2,313	2,501	2,709	2,787	2,829
RDT&E	685	643	631	625	618	608	593
Military Construction	12	10	9	10	9	8	8
Family Housing	3	3	3	3	3	3	3
Total :	3,685	3,672	3,806	4,004	4,222	4,301	4,341
Direct plus indirect purchases.							

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Ammunition, Except Small Arms**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,333	3,203	3,438	3,660	3,885	3,963	4,042
Indirect Purchases	202	194	209	222	236	241	245
Total :	3,535	3,397	3,647	3,882	4,120	4,204	4,287
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Ammunition	202	194	209	222	236	241	245
Other	0	0	0	0	0	0	0
Total :	202	194	209	222	236	241	245

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electronic Computers**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	2,394	2,382	2,517	2,580	2,653	2,697	2,781
Indirect Purchases	582	578	609	625	644	656	675
Total :	2,977	2,960	3,126	3,205	3,298	3,353	3,457

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	2	2	2	2	2	2	3
Ammunition	1	1	1	1	1	1	1
Communication Equipment	94	94	98	102	106	109	110
Missiles	2	2	3	3	3	3	3
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	2	3	3
Other Ordnances	0	0	0	0	0	0	0
Other	478	474	501	513	526	535	552
Total :	582	578	609	625	644	656	675

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Fuel Oil**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	1,769	1,645	1,650	1,636	1,811	1,964	2,411
Indirect Purchases	700	675	654	671	692	713	780
Total :	2,469	2,321	2,303	2,307	2,503	2,677	3,191

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	13	12	12	12	11	12	11
Aircraft Parts	16	15	16	17	18	19	19
Ammunition	10	10	10	11	12	12	12
Communication Equipment	16	16	17	17	18	18	18
Missiles	4	4	4	4	4	4	4
Motor Vehicles	9	9	10	11	11	12	13
Shipbuilding	19	17	17	18	20	21	21
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	6	6	6	6	7	7	7
Other Ordnances	1	1	1	1	1	1	1
Other	605	585	560	574	589	608	672
Total :	700	675	654	671	692	713	780

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Miscellaneous Plastic Products**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	30	28	28	29	30	30	33
Indirect Purchases	2,300	2,291	2,403	2,496	2,604	2,690	2,834
Total :	2,330	2,319	2,431	2,524	2,634	2,720	2,868

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	36	34	34	34	34	35	36
Aircraft Parts	74	71	77	83	90	97	100
Ammunition	49	48	53	57	62	65	67
Communication Equipment	184	188	199	210	222	234	241
Missiles	53	52	55	57	60	61	63
Motor Vehicles	106	107	114	126	138	144	158
Shipbuilding	45	41	43	46	52	56	58
Tanks	4	4	4	5	5	5	5
Other Electronic Equipment	223	225	240	245	253	257	262
Other Ordnances	2	2	2	2	2	2	2
Other	1,523	1,519	1,582	1,631	1,686	1,734	1,843
Total :	2,300	2,291	2,403	2,496	2,604	2,690	2,834

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Motor Vehicles and Passenger Car Bodies**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,032	2,029	2,154	2,353	2,567	2,641	2,873
Indirect Purchases	39	43	47	52	56	58	63
Total :	2,071	2,071	2,201	2,405	2,623	2,699	2,937
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	27	28	30	33	36	37	40
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	12	15	17	19	20	21	23
Total :	39	43	47	52	56	58	63

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Steel Mills, Blast Furnaces, and Rolling and Finishing Mills**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	19	19	20	21	22	24
Indirect Purchases	1,764	1,665	1,709	1,744	1,792	1,807	1,834
Total :	1,784	1,684	1,728	1,763	1,813	1,829	1,858

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	62	58	55	53	52	52	51
Aircraft Parts	87	80	84	88	93	97	96
Ammunition	121	114	120	126	131	132	132
Communication Equipment	119	116	119	122	126	127	126
Missiles	14	14	14	14	15	15	15
Motor Vehicles	113	111	115	124	132	133	142
Shipbuilding	497	432	450	466	512	532	534
Tanks	12	12	13	13	13	13	12
Other Electronic Equipment	22	21	22	21	22	21	21
Other Ordnances	12	11	11	11	12	12	12
Other	705	697	706	706	686	675	694
Total :	1,764	1,665	1,709	1,744	1,792	1,807	1,834

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Measuring Devices and Environmental Controls**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,200	1,185	1,292	1,364	1,416	1,461	1,512
Indirect Purchases	384	377	391	406	417	434	445
Total :	1,584	1,563	1,682	1,770	1,834	1,895	1,957
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	12	12	12	11	11	12	12
Aircraft Parts	4	4	4	4	4	5	5
Ammunition	2	2	2	2	2	2	2
Communication Equipment	5	5	5	5	6	6	6
Missiles	1	1	1	1	2	2	2
Motor Vehicles	23	23	24	26	29	30	32
Shipbuilding	9	8	8	9	10	10	11
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	327	322	333	345	352	366	375
Total :	384	377	391	406	417	434	445

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial Inorganic Chemicals**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	939	920	961	977	999	1,016	1,040
Indirect Purchases	580	558	572	578	592	601	625
Total :	1,519	1,478	1,533	1,555	1,592	1,618	1,665
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	5	4	4	4	4	4
Aircraft Parts	8	8	8	8	9	9	9
Ammunition	6	5	6	6	6	6	6
Communication Equipment	14	14	14	15	15	16	16
Missiles	3	2	2	3	3	3	3
Motor Vehicles	8	8	9	9	10	10	10
Shipbuilding	19	16	17	17	19	19	19
Tanks	0	0	0	1	1	0	0
Other Electronic Equipment	9	9	9	9	9	9	9
Other Ordnances	0	0	0	0	0	0	0
Other	508	490	502	507	517	525	548
Total :	580	558	572	578	592	601	625

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Commercial Printing**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	78	78	82	82	84	86	92
Indirect Purchases	1,271	1,245	1,284	1,322	1,363	1,394	1,451
Total :	1,349	1,323	1,365	1,404	1,447	1,481	1,543

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	43	41	40	39	39	40	40
Aircraft Parts	54	51	55	59	63	68	69
Ammunition	42	40	43	46	49	50	51
Communication Equipment	79	79	82	86	89	93	94
Missiles	22	21	22	23	24	24	25
Motor Vehicles	22	22	23	25	28	28	31
Shipbuilding	31	27	29	31	34	37	37
Tanks	2	2	2	2	2	2	2
Other Electronic Equipment	11	11	11	11	12	12	12
Other Ordnances	2	2	2	2	2	2	2
Other	966	950	974	998	1,021	1,039	1,088
Total :	1,271	1,245	1,284	1,322	1,363	1,394	1,451

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial Trucks, Tractors, Trailers, and Stackers**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,215	1,200	1,251	1,285	1,291	1,311	1,363
Indirect Purchases	102	100	105	108	109	111	116
Total :	1,316	1,301	1,356	1,393	1,400	1,423	1,478
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	0	0	1	1	1	1	1
Communication Equipment	1	1	1	1	1	1	1
Missiles	0	0	0	0	0	0	0
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	97	96	100	103	104	105	110
Total :	102	100	105	108	109	111	116

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Surgical and Medical Instruments**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,117	1,092	1,122	1,146	1,174	1,196	1,237
Indirect Purchases	34	32	33	33	35	38	45
Total :	1,151	1,124	1,155	1,179	1,209	1,234	1,281
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	33	32	32	32	35	38	44
Total :	34	32	33	33	35	38	45

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	160	142	137	140	128	121	120
Indirect Purchases	974	960	992	1,022	1,050	1,076	1,104
Total :	1,134	1,102	1,129	1,163	1,179	1,197	1,223

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	199	189	185	181	181	184	185
Aircraft Parts	81	76	82	87	94	100	102
Ammunition	13	13	14	15	16	17	18
Communication Equipment	78	79	83	87	92	96	99
Missiles	19	18	19	20	21	22	22
Motor Vehicles	6	6	6	7	7	8	8
Shipbuilding	37	33	35	37	41	44	45
Tanks	16	16	18	19	20	19	19
Other Electronic Equipment	37	37	38	38	39	40	40
Other Ordnances	1	1	1	1	1	1	1
Other	486	491	511	529	537	546	566
Total :	974	960	992	1,022	1,050	1,076	1,104

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electron Tubes**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	972	924	904	894	900	906	896
Indirect Purchases	113	114	121	126	133	140	146
Total :	1,085	1,038	1,024	1,020	1,033	1,046	1,042

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	9	9	10	11	12	13	13
Ammunition	2	2	2	2	2	2	2
Communication Equipment	45	46	49	52	54	58	60
Missiles	5	4	5	5	5	5	6
Motor Vehicles	1	1	1	1	1	2	2
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	15	15	15	16	16	16	17
Other Ordnances	0	0	0	0	0	0	0
Other	34	35	37	39	40	41	44
Total :	113	114	121	126	133	140	146

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Apparel**

Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	853	854	747	832	852	879	949
Indirect Purchases	182	180	167	180	185	189	201
Total :	1,035	1,035	913	1,012	1,037	1,068	1,150

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	3	2	3	3	3	3	3
Ammunition	12	11	12	12	13	13	13
Communication Equipment	5	5	5	5	6	6	6
Missiles	1	1	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	2	2
Shipbuilding	1	1	1	1	2	2	2
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	158	157	142	154	157	161	172
Total :	182	180	167	180	185	189	201

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial Organic Chemicals**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	5	5	6	6	6	6	6
Indirect Purchases	1,060	1,026	1,049	1,074	1,103	1,123	1,166
Total :	1,065	1,032	1,054	1,080	1,109	1,129	1,172

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	23	22	21	21	21	21	21
Aircraft Parts	47	44	47	50	54	57	58
Ammunition	22	21	23	25	26	27	28
Communication Equipment	62	63	66	69	73	76	78
Missiles	13	13	13	14	14	15	15
Motor Vehicles	34	34	36	39	42	43	46
Shipbuilding	37	33	34	35	39	41	42
Tanks	3	2	3	3	3	3	3
Other Electronic Equipment	46	45	46	47	48	48	48
Other Ordnances	1	1	1	1	1	1	1
Other	772	748	758	771	782	791	826
Total :	1,060	1,026	1,049	1,074	1,103	1,123	1,166

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Motor Vehicle Parts and Accessories**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	224	216	225	235	255	266	299
Indirect Purchases	816	808	846	908	974	998	1,074
Total :	1,040	1,025	1,070	1,144	1,229	1,264	1,373

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	4	3	3	3	3	3	3
Aircraft Parts	5	5	5	5	6	6	6
Ammunition	4	4	4	4	4	4	5
Communication Equipment	7	7	7	7	8	8	8
Missiles	2	2	2	2	2	2	2
Motor Vehicles	672	668	707	769	835	857	930
Shipbuilding	8	7	7	7	8	9	9
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	3	3	3	3
Other Ordnances	0	0	0	0	0	0	0
Other	112	110	108	107	103	105	107
Total :	816	808	846	908	974	998	1,074

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Motors and Generators**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	705	657	652	673	654	645	651
Indirect Purchases	245	240	249	254	259	264	271
Total :	950	897	901	927	913	909	921
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	2	2	2	2	2	2	2
Aircraft Parts	7	6	7	7	8	8	8
Ammunition	1	1	1	1	1	1	1
Communication Equipment	35	35	36	37	39	40	40
Missiles	2	2	2	2	2	2	2
Motor Vehicles	5	5	6	6	7	7	7
Shipbuilding	34	30	32	33	37	39	40
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	158	158	163	164	163	164	169
Total :	245	240	249	254	259	264	271

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Computer Peripheral Equipment**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	409	410	432	443	458	467	480
Indirect Purchases	463	459	483	495	508	517	533
Total :	872	868	915	937	966	984	1,013
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	5	5	4	4	5	5
Aircraft Parts	6	6	6	7	7	8	8
Ammunition	1	1	1	1	1	1	1
Communication Equipment	7	7	7	7	8	8	8
Missiles	1	1	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	2	2
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	441	438	460	471	484	491	507
Total :	463	459	483	495	508	517	533

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Fabricated Metal Products, n.e.c.**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	351	401	454	457	487	513	538
Indirect Purchases	424	411	432	450	470	480	492
Total :	775	812	886	907	957	992	1,031
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	6	6	6	6	6	6	6
Aircraft Parts	12	11	12	13	14	15	15
Ammunition	200	192	205	218	231	235	239
Communication Equipment	34	34	35	37	38	39	39
Missiles	3	3	3	3	3	3	3
Motor Vehicles	5	5	6	6	7	7	7
Shipbuilding	22	19	20	21	24	25	26
Tanks	5	5	6	6	7	6	6
Other Electronic Equipment	5	5	5	5	5	5	5
Other Ordnances	11	11	12	12	12	12	12
Other	120	120	122	124	124	127	134
Total :	424	411	432	450	470	480	492

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Fabricated Plate Work (Boiler Shops)**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	649	625	658	649	653	648	640
Indirect Purchases	178	169	174	177	180	182	186
Total :	826	794	832	826	834	830	827

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	2	2	2	2	2	2	2
Aircraft Parts	1	1	1	1	2	2	2
Ammunition	1	1	1	1	1	1	1
Communication Equipment	1	1	1	1	2	2	2
Missiles	0	0	0	0	0	1	1
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	44	40	43	45	51	54	56
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	127	123	125	125	122	120	123
Total :	178	169	174	177	180	182	186

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Pipes, Valves, and Pipe Fittings**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	212	232	257	258	276	292	315
Indirect Purchases	535	524	548	572	603	626	653
Total :	747	756	805	830	880	918	968
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	4	4	4	4	5	5
Aircraft Parts	21	20	21	23	25	27	27
Ammunition	3	3	3	4	4	4	4
Communication Equipment	6	6	7	7	7	8	8
Missiles	3	3	3	3	3	3	3
Motor Vehicles	6	6	6	7	8	8	9
Shipbuilding	195	176	188	199	225	241	248
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	3	3	3	3	3
Other Ordnances	0	0	0	0	0	0	0
Other	294	304	312	322	324	328	346
Total :	535	524	548	572	603	626	653

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Aluminum Rolling and Drawing Products**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	4	4	4	4	5	5	6
Indirect Purchases	728	710	739	761	785	798	820
Total :	732	714	743	766	790	803	825

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	24	22	22	21	21	21	21
Aircraft Parts	123	114	121	128	136	143	144
Ammunition	49	47	50	53	56	56	57
Communication Equipment	42	42	43	45	46	47	48
Missiles	12	12	12	12	13	13	13
Motor Vehicles	34	34	35	38	41	41	44
Shipbuilding	66	58	61	63	70	74	75
Tanks	15	15	16	17	17	16	16
Other Electronic Equipment	13	13	13	13	13	13	13
Other Ordnances	1	1	1	1	2	2	2
Other	348	353	364	370	371	371	388
Total :	728	710	739	761	785	798	820

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Plastics Materials and Resins**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5	5	5	5	5	5	6
Indirect Purchases	686	673	697	719	743	761	792
Total :	691	678	702	724	748	766	798
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	18	17	17	16	16	16	17
Aircraft Parts	56	52	56	60	64	68	69
Ammunition	17	16	18	19	20	21	22
Communication Equipment	50	51	53	56	58	61	62
Missiles	16	15	16	16	17	17	18
Motor Vehicles	33	33	35	38	41	42	46
Shipbuilding	21	18	19	20	23	24	25
Tanks	2	2	3	3	3	3	3
Other Electronic Equipment	53	53	56	57	58	59	59
Other Ordnances	1	1	1	1	1	1	1
Other	420	414	424	434	441	448	472
Total :	686	673	697	719	743	761	792

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Laboratory and Optical Instruments**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	417	451	503	510	532	549	558
Indirect Purchases	235	226	237	247	260	268	273
Total :	653	677	740	757	792	817	831

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	6	6	6	6	6	6	6
Aircraft Parts	67	63	68	72	78	83	85
Ammunition	4	4	4	5	5	5	5
Communication Equipment	10	10	11	11	12	12	12
Missiles	115	110	115	117	122	123	125
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	2	2	2
Other Ordnances	0	0	0	0	0	0	0
Other	31	30	32	33	35	36	38
Total :	235	226	237	247	260	268	273

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electric Lamps, Light Fixtures, and Wiring**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	463	423	415	423	399	388	405
Indirect Purchases	246	242	251	260	268	276	286
Total :	709	665	666	683	667	664	691

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	3	3	3	3	3	3	3
Aircraft Parts	5	5	5	6	6	7	7
Ammunition	3	3	3	3	4	4	4
Communication Equipment	67	67	70	73	75	78	80
Missiles	4	4	4	4	5	5	5
Motor Vehicles	12	12	13	14	15	15	17
Shipbuilding	12	11	11	12	13	14	15
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	8	8	8	8	8	9	9
Other Ordnances	0	0	0	0	0	0	0
Other	132	130	133	137	139	141	148
Total :	246	242	251	260	268	276	286

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Metal Plating, Polishing, and Coating**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	6	6	7	7	7	7	7
Indirect Purchases	648	644	681	710	742	769	795
Total :	654	650	687	716	748	776	802

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	52	50	49	48	48	49	50
Aircraft Parts	63	60	65	69	75	81	83
Ammunition	41	40	43	47	50	52	53
Communication Equipment	129	131	139	146	154	161	166
Missiles	19	19	20	21	22	22	23
Motor Vehicles	18	18	19	21	23	24	26
Shipbuilding	15	13	14	15	17	18	18
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	95	95	101	102	105	107	108
Other Ordnances	3	4	4	4	4	4	4
Other	210	214	227	236	242	250	263
Total :	648	644	681	710	742	769	795

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Paper Mills, Including Building Paper**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	4	4	4	5	5	6
Indirect Purchases	662	643	657	670	685	694	717
Total :	666	647	661	674	689	699	722
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	19	18	17	17	17	17	17
Aircraft Parts	25	23	24	26	28	29	29
Ammunition	19	18	19	20	21	21	22
Communication Equipment	36	36	37	38	40	41	41
Missiles	10	10	10	10	11	11	11
Motor Vehicles	10	10	10	11	12	12	13
Shipbuilding	15	14	14	15	17	17	18
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	6	6	6	6	6	6	6
Other Ordnances	1	1	1	1	1	1	1
Other	521	508	517	525	533	538	558
Total :	662	643	657	670	685	694	717

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Special Dies, Jigs, Molds, and Cutting Tools**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	94	92	89	83	76	72	73
Indirect Purchases	543	554	578	597	607	612	629
Total :	637	646	667	680	683	684	702

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	47	44	43	42	42	43	43
Aircraft Parts	23	22	24	25	27	29	29
Ammunition	26	25	27	29	31	31	32
Communication Equipment	22	22	23	24	25	26	27
Missiles	11	11	12	12	12	13	13
Motor Vehicles	29	29	30	33	36	37	40
Shipbuilding	20	18	19	20	22	24	24
Tanks	1	1	2	2	2	2	2
Other Electronic Equipment	7	7	7	7	7	7	7
Other Ordinances	1	1	1	1	1	1	1
Other	355	374	390	402	401	399	411
Total :	543	554	578	597	607	612	629

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electrical Machinery, Equipment and Supplies, n.e.c.**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	645	615	618	622	622	619	619
Indirect Purchases	14	14	14	15	15	15	16
Total :	659	629	633	636	637	635	635
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	6	6	6	7	7	7	7
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	7	7	7	7	7	7	7
Total :	14	14	14	15	15	15	16

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial and Commercial Machinery, n.e.c.**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	49	46	48	49	51	53	56
Indirect Purchases	564	558	582	606	628	645	669
Total :	613	604	630	655	679	698	725

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	38	36	35	35	35	36	36
Aircraft Parts	64	61	65	70	76	81	83
Ammunition	48	46	50	54	58	59	61
Communication Equipment	35	35	37	39	41	43	44
Missiles	14	13	14	14	15	15	16
Motor Vehicles	31	31	32	35	38	40	43
Shipbuilding	38	34	36	38	43	45	47
Tanks	2	2	2	2	2	2	2
Other Electronic Equipment	10	10	11	11	11	11	12
Other Ordnances	2	2	2	2	2	2	2
Other	284	288	298	306	307	310	324
Total :	564	558	582	606	628	645	669

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Newspaper Publishing and Printing**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	624	594	594	595	596	593	598
Total :	626	595	595	596	598	594	599

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	29	26	25	24	23	23	22
Aircraft Parts	35	32	33	34	35	37	36
Ammunition	28	27	28	29	29	29	29
Communication Equipment	50	49	49	50	50	50	49
Missiles	14	13	14	13	14	13	13
Motor Vehicles	13	12	13	13	14	14	15
Shipbuilding	15	13	14	14	15	15	15
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	5	5	5	5	5	5	5
Other Ordnances	1	1	1	1	1	1	1
Other	432	414	412	411	409	405	411
Total :	624	594	594	595	596	593	598

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Broadwoven Fabric Mills**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	131	111	104	105	97	93	102
Indirect Purchases	492	482	453	486	495	506	542
Total :	623	593	557	592	592	599	644

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	11	10	10	10	10	10	10
Aircraft Parts	4	4	4	4	4	5	5
Ammunition	3	3	3	4	4	4	4
Communication Equipment	5	5	6	6	6	6	7
Missiles	3	3	3	3	3	3	3
Motor Vehicles	19	19	21	23	25	26	29
Shipbuilding	7	6	7	7	8	8	9
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	3	3	3	3	3
Other Ordnances	0	0	0	0	0	0	0
Other	438	428	397	427	432	440	473
Total :	492	482	453	486	495	506	542

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Telephones, Switchboards, Modems, Faxes, Etc.**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
Direct Purchases	435	437	489	525	556	584	610
Indirect Purchases	139	135	141	144	148	152	159
Total :	573	572	630	669	704	736	769

SUMMARY OF DEFENSE PURCHASES

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	2	2	2	2	2	3	3
Ammunition	1	1	1	1	1	1	1
Communication Equipment	3	3	3	3	3	3	3
Missiles	1	1	1	1	1	1	1
Motor Vehicles	0	0	1	1	1	1	1
Shipbuilding	1	1	1	1	2	2	2
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	1	1	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	129	126	131	133	137	140	147
Total :	139	135	141	144	148	152	159

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Construction Machinery and Equipment**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	493	442	429	454	437	423	442
Indirect Purchases	130	118	123	129	139	145	149
Total :	623	560	552	582	576	568	592
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1	1
Communication Equipment	1	1	1	1	1	1	1
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	1	1	1	1
Shipbuilding	115	102	108	114	128	135	138
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	10	11	10	9	6	4	6
Total :	130	118	123	129	139	145	149

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Miscellaneous Publishing**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	346	309	306	300	300	284	290
Indirect Purchases	246	242	250	258	267	273	284
Total :	592	551	556	558	567	557	574
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	10	10	10	9	9	10	10
Aircraft Parts	13	12	13	14	15	16	16
Ammunition	10	10	11	11	12	13	13
Communication Equipment	18	18	19	20	21	22	22
Missiles	5	5	5	5	6	6	6
Motor Vehicles	5	5	5	6	6	6	7
Shipbuilding	7	6	6	7	7	8	8
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	2	2	2
Other Ordnances	1	1	1	1	1	1	1
Other	175	173	177	183	187	190	199
Total :	246	242	250	258	267	273	284

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Screw Machine Products, Bolts and Nuts**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	25	23	23	23	26	28	33
Indirect Purchases	528	526	554	577	596	609	627
Total :	553	549	577	600	622	637	660
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	15	14	14	14	14	14	14
Aircraft Parts	75	70	75	81	87	92	94
Ammunition	48	47	50	53	57	58	59
Communication Equipment	49	49	52	53	56	58	59
Missiles	8	8	8	8	9	9	9
Motor Vehicles	30	30	31	34	37	38	42
Shipbuilding	40	36	38	40	44	47	48
Tanks	3	3	3	4	4	4	4
Other Electronic Equipment	14	14	14	15	15	15	15
Other Ordnances	3	3	3	3	3	3	3
Other	243	253	264	272	271	271	280
Total :	528	526	554	577	596	609	627

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Paperboard Containers and Boxes**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	41	49	56	56	60	63	66
Indirect Purchases	488	473	485	498	516	530	560
Total :	529	522	541	555	575	593	626
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	9	8	8	8	8	8	8
Aircraft Parts	13	12	13	14	15	16	17
Ammunition	15	15	16	17	18	19	19
Communication Equipment	37	37	39	40	41	43	44
Missiles	5	5	5	5	6	6	6
Motor Vehicles	12	12	13	14	15	15	17
Shipbuilding	15	13	14	15	16	17	18
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	15	15	15	16	16	16	16
Other Ordnances	1	1	1	1	1	1	1
Other	365	354	360	368	378	387	414
Total :	488	473	485	498	516	530	560

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Nonferrous Castings and Forgings**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	4	3	4	4	4	4	5
Indirect Purchases	495	482	492	503	518	533	545
Total :	499	485	496	507	522	538	550

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	281	269	264	259	260	265	267
Aircraft Parts	49	46	49	53	57	61	63
Ammunition	47	45	48	52	55	57	58
Communication Equipment	12	12	13	13	14	14	15
Missiles	26	26	27	28	30	30	31
Motor Vehicles	2	2	2	2	2	2	3
Shipbuilding	8	7	7	8	9	9	9
Tanks	5	5	5	6	6	5	5
Other Electronic Equipment	2	2	2	2	3	3	3
Other Ordnances	2	2	2	2	3	3	3
Other	62	66	72	78	80	84	88
Total :	495	482	492	503	518	533	545

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Machine Tools, Metal Cutting Types**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	413	402	386	351	316	295	293
Indirect Purchases	68	67	69	69	70	72	73
Total :	481	468	455	420	386	367	366
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	8	8	8	8	8	8	8
Aircraft Parts	10	9	10	11	12	13	13
Ammunition	5	5	6	6	6	7	7
Communication Equipment	1	1	1	1	1	1	1
Missiles	1	1	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	1	2
Shipbuilding	4	4	4	4	5	5	5
Tanks	0	0	0	1	1	1	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordnances	0	0	0	0	0	0	0
Other	36	37	37	36	35	34	35
Total :	68	67	69	69	70	72	73

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Miscellaneous Fabricated Textile Products**
Rounded to Millions of 2000 Dollars

	1999	2000	2001	2002	2003	2004	2005
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SUMMARY OF DEFENSE PURCHASES

Direct Purchases	249	240	236	248	262	274	308
Indirect Purchases	220	223	230	247	262	270	290
Total :	469	463	466	495	524	544	599

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	1	2	2
Ammunition	1	1	1	1	1	1	1
Communication Equipment	1	1	1	1	2	2	2
Missiles	0	0	0	0	0	0	0
Motor Vehicles	70	71	77	85	94	97	107
Shipbuilding	25	22	24	25	29	31	32
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordnances	0	0	0	0	0	0	0
Other	120	125	124	131	134	137	146
Total :	220	223	230	247	262	270	290

SECTION III: INDIVIDUAL STATE PROJECTIONS, RDEPPS

The tables in this section give state-level estimates of defense and defense-related expenditures in calendar years 1999 through 2005. A separate table presents estimates for each of the 50 states and the District of Columbia; an additional table is provided for the entire United States. Each table is divided into two parts: the first provides a general overview of projected spending trends over the forecast period; the second presents estimates for the industrial sectors projected to lead in defense or defense-related sales statewide.

The first section of each table presents estimates of direct defense purchases, pay, and indirect defense purchases for each year of the projection period. (For purposes of comparison, projections of nondefense expenditures and of total output—total economic activity—also are provided.)³

The second section provides estimates of the dollar value of direct and indirect purchases from the five industrial sectors projected to lead in defense sales in the state, and the five projected to lead in indirect sales stemming from DoD purchases, over the forecast period.

The industrial *sectors* represented in the tables are aggregates of the *industries* covered in Section II. Industrial projections are made for 320 industries. For purposes of the state-level reports, these are grouped into 85 industrial sectors. Thus, industrial sector 44, "Aerospace," appearing in the state tables, includes four industries: industry 235, "Aircraft"; industry 236, "Aircraft and missile engines, propulsion units, and parts"; industry 237, "Aircraft and missile parts and auxiliary equipment, n.e.c."; and industry 21, "Guided missiles and space vehicles."

Relationship of the RDEPPS State Level Projections to the IDEPPS National Projections

IDEPPS accounts for every budgeted dollar spent by DoD, at home and abroad. RDEPPS accounts for all the dollars that can be attributed to DoD activities that are spent in the U.S. RDEPPS allocates DoD-related spending to the states in which it occurs. The state level RDEPPS projections of defense expenditures differ from the national IDEPPS projections in 4 important ways. (1) Dollars spent in the U.S. includes retirement disbursements, which currently exceed the budgeted DoD contributions to retirement pay. This discrepancy is the reason that total direct RDEPPS spending exceeds total direct IDEPPS spending. (2) IDEPPS projections include all DoD expenditures, while RDEPPS projections include only the portion of DoD

³ Total nondefense expenditures represent the difference between *total output* and *total* (direct plus indirect) *defense purchases and pay*. Total output is different from, and larger than, gross domestic product (GDP). The calculation of GDP nets out intermediate goods—that is, it does not include the value of intermediate products, which are used to make (or are included in) goods for final sale. Total output includes these intermediate products.

expenditures, and active duty and retirement pay, spent in the U.S. (3) The 85 RDEPPS sectors are aggregations of the 320 IDEPPS industries; for example, the RDEPPS Aerospace (44) sector comprises three IDEPPS industries-Aircraft (235), Aircraft and Missile Engines, Propulsion Units, and Parts (236), and Aircraft and Missile Parts and Auxiliary Equipment, n.e.c. (237). The correspondence between DEPPS industries and sectors, and Standard Industrial Codes, is in the Appendix. (4) Projections of RDEPPS indirect defense expenditures include personal consumption expenditures by DoD personnel (Indirect Defense Purchases Resulting from Direct Pay), and projections of IDEPPS indirect expenditures include only indirect purchases resulting from direct purchases.

Alabama Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	5,952	5,800	5,762	5,787	5,793	5,802	5,868
Indirect Defense Purchases Resulting from Direct Purchases	2,746	2,687	2,754	2,840	2,927	2,993	3,104
Indirect Defense Purchases Resulting from Direct Pay	1,298	1,263	1,230	1,214	1,202	1,198	1,206
Total Nondefense Expenditures	229,031	232,939	237,846	242,733	248,091	253,419	259,307
Total Output	239,030	242,690	247,594	252,577	258,017	263,415	269,487
Government Industry Compensation	2,758	2,705	2,648	2,605	2,576	2,561	2,558

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)	1,384	1,318	1,329	1,327	1,318	1,299	1,279
Research Labs, Computer and Engineering Services	439	441	437	457	465	478	500
Air Transportation	272	264	273	277	284	290	294
Aerospace	158	151	152	163	163	161	161
Construction	146	145	130	142	147	152	166
Apparel and Household Textiles							
Indirect Defense Purchases Resulting from Direct Purchases	1,052	1,028	1,051	1,075	1,098	1,114	1,138
Research Labs, Computer and Engineering Services	108	106	110	113	118	121	126
Wholesale Trade	98	97	100	103	105	107	110
Other Nonferrous Metals	92	88	90	93	96	97	99
Ferrous Metals	79	78	83	87	92	96	100
Metal Products							

Alaska Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,938	1,895	1,881	1,913	1,932	1,960	2,030
Indirect Defense Purchases Resulting from Direct Purchases	1,305	1,266	1,284	1,336	1,379	1,411	1,485
Indirect Defense Purchases Resulting from Direct Pay	418	407	397	392	388	387	389
Total Nondefense Expenditures	39,894	40,640	41,216	41,660	42,208	42,784	43,391
Total Output	43,555	44,209	44,778	45,301	45,907	46,541	47,295
Government Industry Compensation	1,027	1,009	986	981	976	977	986
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Construction	194	185	187	202	203	201	202
Communications Services	147	146	155	160	170	184	198
Research Labs, Computer and Engineering Services	141	134	138	146	148	148	150
Real Estate	103	106	108	108	108	109	112
Trucking and Highway Passenger Transit	92	91	83	89	90	93	102
Indirect Defense Purchases Resulting from Direct Purchases							
Real Estate	845	820	828	864	889	905	944
Research Labs, Computer and Engineering Services	107	105	109	118	123	127	133
Crude Oil	76	71	71	70	75	79	93
Electric Utilities	37	36	38	39	41	42	44
Air Transportation	27	26	27	27	27	28	28

Arizona Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,435	5,344	5,450	5,544	5,638	5,713	5,811
Indirect Defense Purchases Resulting from Direct Purchases	2,156	2,135	2,218	2,314	2,406	2,487	2,591
Indirect Defense Purchases Resulting from Direct Pay	1,347	1,319	1,288	1,274	1,264	1,263	1,274
Total Nondefense Expenditures	218,775	224,222	229,987	236,288	242,848	249,480	256,533
Total Output	227,715	233,022	238,945	245,422	252,160	258,947	266,212
Government Industry Compensation	2,233	2,195	2,152	2,132	2,114	2,105	2,107
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace	1,350	1,334	1,405	1,461	1,515	1,560	1,597
Research Labs, Computer and Engineering Services	529	509	523	529	532	530	529
Instruments	328	329	344	362	381	390	395
Metal Products	166	164	179	191	208	216	221
Other Nonelectrical Machinery	154	161	175	180	177	182	188
Indirect Defense Purchases Resulting from Direct Purchases							
Communications Equipment and Electronic Components	415	429	465	499	532	561	587
Research Labs, Computer and Engineering Services	402	397	413	428	443	454	471
Aerospace	269	261	266	273	280	289	294
Finance and Insurance	105	104	106	110	114	117	123
Wholesale Trade	92	91	94	97	102	105	111

Arkansas Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,219	1,200	1,189	1,195	1,199	1,205	1,228
Indirect Defense Purchases Resulting from Direct Purchases	928	909	936	970	1,008	1,039	1,094
Indirect Defense Purchases Resulting from Direct Pay	544	528	513	505	498	495	496
Total Nondefense Expenditures	132,518	134,761	137,983	140,964	144,238	147,618	151,483
Total Output	135,213	137,401	140,624	143,636	146,949	150,364	154,308
Government Industry Compensation	883	867	851	842	834	830	829
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Construction	56	53	54	58	58	57	58
Trucking and Highway Passenger Transit	36	36	33	35	35	37	40
Shoes and Leather	26	26	23	26	26	27	29
Aerospace	26	26	27	29	30	31	32
Food and Tobacco	27	25	25	25	28	31	38
Indirect Defense Purchases Resulting from Direct Purchases							
Wholesale Trade	61	61	63	65	68	71	75
Other Nonferrous Metals	61	60	62	63	65	66	67
Metal Products	59	58	60	63	67	69	72
Trucking and Highway Passenger Transit	49	49	49	52	54	56	60
Paper	44	44	45	46	47	48	50

California Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	42,249	41,181	41,681	42,370	43,191	43,725	44,834
Indirect Defense Purchases Resulting from Direct Purchases	17,207	16,893	17,403	17,996	18,625	19,154	19,974
Indirect Defense Purchases Resulting from Direct Pay	8,503	8,289	8,073	7,970	7,889	7,867	7,915
Total Nondefense Expenditures	1,695,448	1,729,219	1,767,743	1,807,445	1,849,853	1,893,358	1,940,428
Total Output	1,763,360	1,795,555	1,834,871	1,875,743	1,919,494	1,964,029	2,013,079
Government Industry Compensation	15,213	14,931	14,611	14,423	14,286	14,229	14,249
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)	7,273	6,948	7,044	7,099	7,088	7,016	6,941
Research Labs, Computer and Engineering Services	6,574	6,471	6,759	7,018	7,262	7,459	7,587
Aerospace	2,143	2,158	2,307	2,545	2,798	2,886	3,158
Motor Vehicles	1,520	1,514	1,601	1,644	1,694	1,751	1,789
Communications Equipment and Electronic Components	1,270	1,277	1,352	1,426	1,504	1,542	1,571
Indirect Defense Purchases Resulting from Direct Purchases	5,530	5,419	5,571	5,752	5,904	6,014	6,175
Research Labs, Computer and Engineering Services	1,401	1,422	1,526	1,615	1,708	1,796	1,881
Communications Equipment and Electronic Components	1,139	1,097	1,118	1,147	1,179	1,222	1,248
Aerospace	860	847	881	917	958	992	1,047
Wholesale Trade	739	728	745	771	798	821	863
Finance and Insurance							

Colorado Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,705	5,526	5,479	5,458	5,461	5,469	5,482
Indirect Defense Purchases Resulting from Direct Purchases	1,987	1,945	2,003	2,070	2,143	2,205	2,309
Indirect Defense Purchases Resulting from Direct Pay	1,419	1,384	1,346	1,327	1,313	1,309	1,317
Total Nondefense Expenditures	234,905	239,397	244,609	250,070	256,277	262,708	270,047
Total Output	244,017	248,252	253,437	258,926	265,194	271,691	279,155
Government Industry Compensation	2,614	2,568	2,516	2,489	2,467	2,457	2,460
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)	1,024	971	956	941	943	945	931
Communications Equipment and Electronic Components	841	797	785	776	776	775	763
Aerospace	630	607	621	630	633	631	631
Research Labs, Computer and Engineering Services	147	142	145	154	155	154	155
Construction	54	54	57	59	62	63	64
Instruments							
Indirect Defense Purchases Resulting from Direct Purchases	479	473	491	510	527	541	562
Research Labs, Computer and Engineering Services	127	125	132	137	142	148	154
Communications Equipment and Electronic Components	115	112	113	118	121	123	129
Real Estate	109	108	111	116	121	125	133
Finance and Insurance	109	107	111	115	120	123	129
Wholesale Trade							

Connecticut Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	4,113	3,880	3,987	4,111	4,291	4,392	4,482
Indirect Defense Purchases Resulting from Direct Purchases	1,680	1,648	1,697	1,753	1,810	1,859	1,924
Indirect Defense Purchases Resulting from Direct Pay	654	637	617	608	600	596	597
Total Nondefense Expenditures	192,795	196,169	200,083	204,632	209,240	213,873	218,761
Total Output	199,244	202,335	206,385	211,104	215,941	220,720	225,764
Government Industry Compensation	750	736	720	712	705	703	705

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)	1,454	1,302	1,358	1,421	1,562	1,636	1,659
Ships and Boats	686	684	728	767	801	829	850
Aerospace	329	315	322	327	328	327	324
Research Labs, Computer and Engineering Services	114	117	127	131	130	133	139
Other Nonelectrical Machinery	109	94	87	91	82	76	75
Electric Industrial Appliances and Distribution Equipment							
Indirect Defense Purchases Resulting from Direct Purchases	349	344	353	363	373	386	393
Aerospace	250	246	254	265	274	280	289
Research Labs, Computer and Engineering Services	153	151	154	159	163	168	175
Finance and Insurance	102	102	109	115	121	126	131
Communications Equipment and Electronic Components	98	96	100	104	109	113	119
Wholesale Trade							

Delaware Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,178	1,155	1,167	1,182	1,194	1,205	1,227
Indirect Defense Purchases Resulting from Direct Purchases	344	337	347	359	373	385	407
Indirect Defense Purchases Resulting from Direct Pay	230	224	219	216	213	213	214
Total Nondefense Expenditures	54,558	55,496	57,024	58,248	59,500	60,862	62,394
Total Output	56,310	57,213	58,757	60,005	61,281	62,666	64,243
Government Industry Compensation	392	385	377	375	372	371	373

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Medical Instruments and Supplies	579	566	587	596	608	617	628
Trucking and Highway Passenger Transit	59	58	53	57	58	60	65
Construction	40	39	40	42	42	42	42
Federal, State, and Local Government Enterprises	32	31	33	33	33	34	35
Research Labs, Computer and Engineering Services	20	19	19	20	19	19	19

Indirect Defense Purchases Resulting from Direct Purchases

Other Chemicals	90	87	90	92	95	98	102
Finance and Insurance	40	39	39	40	41	42	44
Petroleum Refining	22	22	22	23	25	27	31
Wholesale Trade	21	21	22	23	24	24	26
Research Labs, Computer and Engineering Services	15	15	15	16	16	16	17

District of Columbia Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,179	3,103	3,100	3,100	3,119	3,142	3,225
Indirect Defense Purchases Resulting from Direct Purchases	732	719	747	769	793	813	845
Indirect Defense Purchases Resulting from Direct Pay	655	637	619	610	603	601	603
Total Nondefense Expenditures	93,171	94,873	96,103	97,552	99,197	100,877	102,686
Total Output	97,736	99,332	100,569	102,032	103,713	105,433	107,360
Government Industry Compensation	1,604	1,571	1,532	1,503	1,487	1,481	1,485

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Research Labs, Computer and Engineering Services	587	567	585	591	595	595	598
Communications Services	280	273	286	287	305	319	356
Water Transportation	159	156	151	157	158	160	169
Construction	128	125	132	137	139	140	141
Trucking and Highway Passenger Transit	92	92	83	89	90	93	102

Indirect Defense Purchases Resulting from Direct Purchases

Research Labs, Computer and Engineering Services	446	442	462	479	496	510	532
Nonautomotive Repair Services, Hotels, and Lodging	45	41	44	43	43	42	41
Automobile Repairs	32	31	32	33	34	35	37
Communications Services	31	30	31	32	33	34	36
Electric Utilities	28	28	29	30	31	32	33

Florida Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	15,973	15,646	15,729	15,887	16,026	16,135	16,280
Indirect Defense Purchases Resulting from Direct Purchases	5,064	5,014	5,200	5,428	5,651	5,842	6,111
Indirect Defense Purchases Resulting from Direct Pay	4,862	4,756	4,643	4,596	4,560	4,556	4,592
Total Nondefense Expenditures	714,333	730,072	748,383	766,389	785,856	805,747	827,802
Total Output	740,287	755,520	773,991	792,345	812,168	832,369	854,871
Government Industry Compensation	8,032	7,893	7,743	7,664	7,594	7,558	7,556

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Aerospace	2,006	1,963	2,040	2,098	2,161	2,211	2,250
Research Labs, Computer and Engineering Services	1,648	1,589	1,634	1,677	1,697	1,695	1,689
Communications Equipment and Electronic Components	1,297	1,263	1,283	1,294	1,319	1,351	1,351
Instruments	490	491	521	547	574	588	600
Construction	431	414	423	452	454	452	455

Indirect Defense Purchases Resulting from Direct Purchases

Research Labs, Computer and Engineering Services	1,253	1,239	1,292	1,359	1,413	1,453	1,503
Wholesale Trade	373	369	386	404	424	441	468
Communications Equipment and Electronic Components	363	364	391	415	441	466	489
Finance and Insurance	349	347	357	373	387	400	421
Movies and Amusements	315	316	327	336	345	356	366

Georgia Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	10,739	10,439	10,359	10,396	10,448	10,503	10,594
Indirect Defense Purchases Resulting from Direct Purchases	3,932	3,848	3,944	4,083	4,232	4,366	4,575
Indirect Defense Purchases Resulting from Direct Pay	2,662	2,600	2,538	2,511	2,490	2,487	2,506
Total Nondefense Expenditures	446,659	457,218	469,260	481,118	494,077	507,171	521,157
Total Output	463,986	474,101	486,096	498,103	511,240	524,519	538,822
Government Industry Compensation	5,254	5,158	5,046	4,994	4,953	4,939	4,956

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Aerospace	3,136	2,993	2,985	2,983	3,008	3,024	2,998
Research Labs, Computer and Engineering Services	464	449	463	477	483	484	486
Construction	282	270	275	294	295	293	294
Trucking and Highway Passenger Transit	270	270	244	262	265	275	302
Electric Utilities	200	194	196	197	198	201	203

Indirect Defense Purchases Resulting from Direct Purchases

Real Estate	372	369	388	391	406	421	440
Research Labs, Computer and Engineering Services	353	350	366	386	402	415	432
Aerospace	328	307	310	317	326	341	352
Electric Utilities	285	268	260	266	271	276	286
Wholesale Trade	271	268	278	290	304	314	332

Hawaii Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,075	3,993	3,932	3,960	3,962	3,982	4,062
Indirect Defense Purchases Resulting from Direct Purchases	690	678	698	726	750	770	806
Indirect Defense Purchases Resulting from Direct Pay	1,158	1,129	1,101	1,088	1,078	1,077	1,085
Total Nondefense Expenditures	98,803	101,065	102,703	104,319	106,336	108,462	110,760
Total Output	104,725	106,864	108,433	110,091	112,126	114,289	116,712
Government Industry Compensation	2,834	2,781	2,715	2,688	2,668	2,664	2,680
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Construction	390	377	388	410	413	412	415
Trucking and Highway Passenger Transit	274	274	248	266	269	279	307
Research Labs, Computer and Engineering Services	192	184	189	197	199	199	201
Electric Utilities	72	73	79	80	82	84	86
Nonautomotive Repair Services, Hotels, and Lodging	31	31	34	34	35	35	35
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	146	143	149	160	165	170	179
Electric Utilities	102	101	105	108	113	116	122
Real Estate	64	62	63	65	67	69	71
Automobile Repairs	42	42	42	44	45	47	49
Air Transportation	38	38	39	40	41	42	43

Idaho Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	554	541	535	538	537	536	542
Indirect Defense Purchases Resulting from Direct Purchases	464	464	485	508	530	549	575
Indirect Defense Purchases Resulting from Direct Pay	274	268	262	259	257	258	260
Total Nondefense Expenditures	63,000	64,381	66,079	67,726	69,495	71,279	73,213
Total Output	64,293	65,655	67,361	69,031	70,819	72,623	74,591
Government Industry Compensation	411	404	396	393	390	389	389

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Construction	47	45	46	49	49	49	49
Research Labs, Computer and Engineering Services	40	37	37	39	38	37	37
Computers	11	11	11	12	12	12	13
Electric Utilities	10	10	11	11	11	12	12
Food and Tobacco	10	9	9	9	10	11	13

Indirect Defense Purchases Resulting from Direct Purchases

Communications Equipment and Electronic Components	142	150	162	173	184	194	204
Wholesale Trade	35	35	36	37	39	40	42
Research Labs, Computer and Engineering Services	31	29	29	31	32	32	33
Finance and Insurance	25	24	25	26	26	27	28
Computers	19	19	20	21	22	22	22

Illinois Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,344	4,242	4,222	4,280	4,310	4,339	4,448
Indirect Defense Purchases Resulting from Direct Purchases	4,930	4,801	4,914	5,073	5,247	5,386	5,642
Indirect Defense Purchases Resulting from Direct Pay	2,316	2,256	2,191	2,160	2,134	2,124	2,132
Total Nondefense Expenditures	713,297	722,540	736,980	750,838	766,238	781,506	798,440
Total Output	724,891	733,842	748,309	762,354	777,934	793,360	810,667
Government Industry Compensation	2,420	2,375	2,323	2,298	2,279	2,273	2,281

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	238	227	232	237	238	236	236
Construction	233	224	229	245	246	245	247
Metal Products	212	208	225	237	254	261	267
Construction, Mining, and Oil Field Equipment	181	169	170	182	185	183	194
Aerospace	156	154	162	170	176	181	186
Indirect Defense Purchases Resulting from Direct Purchases							
Finance and Insurance	424	416	423	437	450	461	481
Wholesale Trade	416	407	420	434	451	464	486
Metal Products	318	309	322	335	350	360	373
Communications Equipment and Electronic Components	293	282	290	295	304	314	325
Printing and Publishing	225	219	224	229	234	237	244

Indiana Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,395	3,345	3,414	3,448	3,498	3,564	3,665
Indirect Defense Purchases Resulting from Direct Purchases	3,031	2,968	3,068	3,181	3,303	3,396	3,547
Indirect Defense Purchases Resulting from Direct Pay	1,168	1,145	1,118	1,107	1,100	1,100	1,109
Total Nondefense Expenditures	357,947	363,468	372,185	380,658	389,511	398,324	408,073
Total Output	365,558	370,936	379,795	388,408	397,433	406,408	416,417
Government Industry Compensation	1,365	1,337	1,307	1,276	1,258	1,249	1,244

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Communications Equipment and Electronic Components	550	558	595	618	644	677	691
Research Labs, Computer and Engineering Services	500	489	513	526	536	541	548
Other Nonelectrical Machinery	245	256	279	288	283	289	298
Aerospace	193	189	197	206	212	217	222
Petroleum Refining	54	50	50	50	55	60	73
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	380	381	405	426	447	464	488
Ferrous Metals	331	316	325	332	341	345	351
Other Nonferrous Metals	235	231	240	248	257	263	271
Metal Products	210	206	216	225	236	244	253
Wholesale Trade	156	153	159	165	172	177	186

Iowa Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	980	960	983	1,007	1,025	1,043	1,058
Indirect Defense Purchases Resulting from Direct Purchases	898	879	916	954	993	1,024	1,073
Indirect Defense Purchases Resulting from Direct Pay	455	443	429	422	416	412	413
Total Nondefense Expenditures	157,485	159,707	163,335	166,532	170,057	173,413	177,216
Total Output	159,819	161,989	165,663	168,914	172,493	175,893	179,760
Government Industry Compensation	299	293	288	284	281	280	279
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Communications Equipment and Electronic Components	272	272	285	293	303	316	320
Metal Products	103	102	112	120	131	136	140
Aerospace	72	72	77	81	85	87	90
Instruments	54	53	54	56	59	59	60
Construction, Mining, and Oil Field Equipment	48	40	36	37	31	28	27
Indirect Defense Purchases Resulting from Direct Purchases							
Wholesale Trade	92	91	94	97	102	105	110
Finance and Insurance	83	82	83	86	88	90	94
Automobile Repairs	54	53	66	74	80	86	91
Metal Products	51	50	52	55	57	59	61
Other Nonferrous Metals	48	47	49	50	52	53	54

Kansas Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,214	2,177	2,190	2,217	2,238	2,264	2,316
Indirect Defense Purchases Resulting from Direct Purchases	1,250	1,224	1,259	1,303	1,357	1,404	1,484
Indirect Defense Purchases Resulting from Direct Pay	739	719	700	691	683	680	683
Total Nondefense Expenditures	147,706	149,761	153,020	156,717	160,427	163,949	167,587
Total Output	151,911	153,882	157,170	160,929	164,707	168,300	172,073
Government Industry Compensation	1,278	1,256	1,229	1,220	1,212	1,210	1,216

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Aerospace	474	469	500	516	536	552	572
Construction	101	97	99	105	106	106	106
Research Labs, Computer and Engineering Services	84	82	85	88	90	90	92
Electric Utilities	38	38	41	42	43	44	45
Trucking and Highway Passenger Transit	32	32	29	31	32	33	36
Indirect Defense Purchases Resulting from Direct Purchases							
Aerospace	281	279	290	301	312	323	331
Wholesale Trade	83	82	85	89	92	95	100
Petroleum Refining	84	80	80	81	87	91	103
Research Labs, Computer and Engineering Services	64	64	68	72	75	77	82
Crude Oil	63	59	59	59	63	67	78

Kentucky Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,291	3,211	3,167	3,195	3,232	3,275	3,421
Indirect Defense Purchases Resulting from Direct Purchases	1,613	1,580	1,628	1,686	1,751	1,801	1,892
Indirect Defense Purchases Resulting from Direct Pay	1,126	1,098	1,070	1,057	1,047	1,045	1,051
Total Nondefense Expenditures	218,810	221,568	226,403	230,651	235,129	239,618	244,495
Total Output	224,844	227,460	232,271	236,593	241,165	245,747	250,867
Government Industry Compensation	2,050	2,014	1,969	1,954	1,941	1,939	1,951
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Other Medical Services	316	293	297	294	326	353	432
Research Labs, Computer and Engineering Services	168	165	174	180	184	186	190
Railroads	162	162	147	157	159	165	181
Construction	147	140	140	152	152	150	150
Apparel and Household Textiles	43	43	38	42	43	45	49
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	128	129	137	146	153	160	169
Other Nonferrous Metals	110	108	112	116	120	123	127
Wholesale Trade	98	96	100	103	107	111	116
Petroleum Refining	94	90	90	92	97	102	115
Coal Mining	78	76	79	81	84	86	89

Louisiana Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,556	3,395	3,393	3,445	3,563	3,649	3,829
Indirect Defense Purchases Resulting from Direct Purchases	2,177	2,111	2,146	2,202	2,310	2,402	2,624
Indirect Defense Purchases Resulting from Direct Pay	1,026	1,001	974	962	951	948	952
Total Nondefense Expenditures	235,106	239,168	243,758	247,763	252,022	256,621	261,621
Total Output	241,850	245,666	250,262	254,359	258,826	263,595	269,003
Government Industry Compensation	1,605	1,577	1,544	1,529	1,517	1,512	1,516

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Ships and Boats	607	538	572	603	678	720	736
Petroleum Refining	272	253	254	252	279	302	371
Water Transportation	237	232	225	234	236	239	251
Fuel Oil	241	224	224	223	246	267	328
Construction	221	209	207	226	225	221	222

Indirect Defense Purchases Resulting from Direct Purchases

Crude Oil	445	422	423	425	459	489	574
Petroleum Refining	383	368	371	376	399	419	475
Other Chemicals	141	137	140	144	148	150	156
Wholesale Trade	107	106	110	114	119	123	130
Natural Gas	89	87	90	91	93	95	97

Maine Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,954	1,811	1,854	1,908	2,044	2,125	2,173
Indirect Defense Purchases Resulting from Direct Purchases	376	370	379	394	408	420	438
Indirect Defense Purchases Resulting from Direct Pay	372	364	355	351	349	348	351
Total Nondefense Expenditures	64,835	65,913	67,226	68,569	70,036	71,507	73,091
Total Output	67,537	68,457	69,814	71,222	72,837	74,401	76,054
Government Industry Compensation	682	668	654	641	633	628	627
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ships and Boats	1,030	907	965	1,023	1,160	1,239	1,268
Construction	38	38	41	43	44	45	46
Metal Products	36	36	38	39	39	40	41
Medical Instruments and Supplies	34	34	30	33	34	35	37
Trucking and Highway Passenger Transit	31	31	28	30	31	32	35
Indirect Defense Purchases Resulting from Direct Purchases							
Communications Equipment and Electronic Components	64	65	70	74	78	82	85
Paper	53	52	53	54	55	56	58
Wholesale Trade	34	33	34	35	37	38	40
Finance and Insurance	28	28	28	29	30	30	32
Aerospace	19	19	20	20	21	22	23

Maryland Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	11,075	10,840	10,911	11,069	11,233	11,358	11,614
Indirect Defense Purchases Resulting from Direct Purchases	4,189	4,116	4,209	4,376	4,526	4,650	4,863
Indirect Defense Purchases Resulting from Direct Pay	1,978	1,930	1,882	1,861	1,845	1,842	1,856
Total Nondefense Expenditures	324,982	331,516	338,098	344,812	352,362	360,183	368,692
Total Output	342,217	348,397	355,095	362,112	369,957	378,023	387,016
Government Industry Compensation	4,225	4,140	4,046	3,969	3,921	3,899	3,897

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	2,289	2,207	2,268	2,295	2,310	2,304	2,303
Metal Products	638	632	698	751	828	865	890
Nonautomotive Repair Services, Hotels, and Lodging	461	457	415	448	454	467	502
Communications Equipment and Electronic Components	442	445	473	488	506	528	539
Trucking and Highway Passenger Transit	446	444	402	430	435	449	492
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	1,741	1,721	1,793	1,860	1,924	1,975	2,049
Nonautomotive Repair Services, Hotels, and Lodging	536	519	495	524	537	550	584
Real Estate	319	309	312	326	335	341	356
Automobile Repairs	202	199	202	210	217	224	236
Wholesale Trade	137	135	140	146	153	159	168

Massachusetts Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,879	7,670	7,814	7,933	8,037	8,110	8,165
Indirect Defense Purchases Resulting from Direct Purchases	4,573	4,473	4,581	4,721	4,854	4,953	5,092
Indirect Defense Purchases Resulting from Direct Pay	1,176	1,144	1,108	1,090	1,073	1,065	1,065
Total Nondefense Expenditures	393,110	401,232	410,445	419,931	430,115	440,358	451,359
Total Output	406,743	414,522	423,952	433,678	444,086	454,494	465,688
Government Industry Compensation	1,088	1,066	1,044	1,024	1,011	1,004	1,001
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	2,875	2,726	2,728	2,730	2,705	2,655	2,590
Aerospace	1,456	1,433	1,498	1,551	1,604	1,647	1,679
Communications Equipment and Electronic Components	782	786	830	858	890	932	947
Instruments	329	331	351	369	389	399	406
Metal Products	243	239	253	259	267	270	274
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	2,186	2,126	2,157	2,212	2,253	2,276	2,304
Communications Equipment and Electronic Components	381	381	404	421	441	459	475
Finance and Insurance	254	253	259	269	279	288	303
Wholesale Trade	194	191	198	207	217	225	238
Aerospace	135	128	129	132	134	138	141

Michigan Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	2,359	2,323	2,362	2,402	2,423	2,439	2,491
Indirect Defense Purchases Resulting from Direct Purchases	3,276	3,218	3,327	3,450	3,589	3,688	3,862
Indirect Defense Purchases Resulting from Direct Pay	1,443	1,408	1,365	1,343	1,323	1,312	1,314
Total Nondefense Expenditures	571,902	575,211	588,753	598,923	610,829	622,179	635,236
Total Output	578,988	582,165	595,812	606,124	618,174	629,631	642,915
Government Industry Compensation	995	976	955	936	923	916	912

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Other Nonelectrical Machinery	214	222	241	248	245	251	260
Research Labs, Computer and Engineering Services	189	182	187	190	192	191	192
Other Transportation Equipment	143	142	155	171	178	174	176
Metal Products	118	117	126	133	142	146	150
Aerospace	95	94	100	104	108	112	115

Indirect Defense Purchases Resulting from Direct Purchases

Metal Products	462	452	475	497	524	544	568
Motor Vehicles	278	275	286	306	327	335	359
Wholesale Trade	239	235	243	251	261	269	282
Finance and Insurance	189	185	188	193	198	202	210
Plastic Products	180	178	186	192	200	206	216

Minnesota Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,013	1,950	1,998	2,036	2,087	2,113	2,159
Indirect Defense Purchases Resulting from Direct Purchases	2,094	2,052	2,112	2,185	2,263	2,323	2,424
Indirect Defense Purchases Resulting from Direct Pay	855	841	821	816	813	815	824
Total Nondefense Expenditures	293,342	298,688	306,233	313,770	322,120	330,398	339,431
Total Output	298,313	303,537	311,170	318,815	327,296	335,663	344,851
Government Industry Compensation	484	476	467	460	456	453	452
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Metal Products	580	565	605	632	668	684	695
Research Labs, Computer and Engineering Services	378	359	361	367	366	361	354
Aerospace	91	88	91	93	95	97	98
Computers	82	81	84	86	88	89	91
Food and Tobacco	82	75	76	75	84	92	115
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	288	280	285	297	305	309	314
Wholesale Trade	178	176	184	192	201	208	220
Communications Equipment and Electronic Components	151	152	162	170	179	187	194
Finance and Insurance	144	142	146	151	156	160	168
Printing and Publishing	121	118	121	124	127	129	133

Mississippi Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	4,011	3,767	3,838	3,944	4,164	4,294	4,369
Indirect Defense Purchases Resulting from Direct Purchases	966	943	968	1,000	1,040	1,072	1,134
Indirect Defense Purchases Resulting from Direct Pay	743	723	703	693	685	682	685
Total Nondefense Expenditures	132,663	134,693	137,249	139,607	142,209	144,844	147,869
Total Output	138,251	140,051	142,678	145,141	147,923	150,687	153,864
Government Industry Compensation	1,597	1,568	1,533	1,515	1,501	1,496	1,499

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Ships and Boats	1,709	1,508	1,604	1,697	1,918	2,043	2,092
Research Labs, Computer and Engineering Services	141	137	144	147	149	150	153
Aerospace	123	122	129	135	141	145	150
Construction	118	112	113	122	122	121	121
Apparel and Household Textiles	57	57	51	56	58	60	65
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	107	107	114	119	124	129	136
Petroleum Refining	75	72	72	74	79	84	96
Wholesale Trade	54	53	55	57	59	61	63
Metal Products	47	46	48	50	53	54	56
Electric Utilities	39	38	40	41	43	44	46

Missouri Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	9,336	9,172	9,433	9,696	9,889	10,054	10,200
Indirect Defense Purchases Resulting from Direct Purchases	3,080	3,026	3,115	3,217	3,322	3,403	3,524
Indirect Defense Purchases Resulting from Direct Pay	1,359	1,326	1,291	1,275	1,262	1,259	1,265
Total Nondefense Expenditures	331,847	336,700	343,873	351,108	359,044	366,808	375,181
Total Output	345,623	350,224	357,712	365,297	373,520	381,527	390,173
Government Industry Compensation	2,056	2,017	1,973	1,941	1,921	1,911	1,911
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace	5,008	4,961	5,226	5,477	5,694	5,871	5,992
Research Labs, Computer and Engineering Services	1,074	1,018	1,019	1,023	1,014	996	973
Other Nonelectrical Machinery	315	326	353	363	359	368	383
Metal Products	174	164	166	171	168	165	166
Construction	157	148	146	160	159	156	156
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	817	794	806	829	845	854	866
Real Estate	281	278	289	294	305	315	329
Aerospace	232	236	251	264	274	284	290
Wholesale Trade	177	174	181	187	194	200	210
Finance and Insurance	154	152	155	161	167	171	180

Montana Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	485	473	469	471	475	479	495
Indirect Defense Purchases Resulting from Direct Purchases	232	227	232	240	249	257	272
Indirect Defense Purchases Resulting from Direct Pay	231	224	218	215	212	211	211
Total Nondefense Expenditures	36,569	37,146	37,901	38,599	39,391	40,198	41,117
Total Output	37,517	38,071	38,820	39,523	40,326	41,144	42,095
Government Industry Compensation	350	344	337	335	332	332	333
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Construction	39	38	38	41	41	41	41
Petroleum Refining	21	19	19	19	21	23	28
Fuel Oil	19	17	18	17	19	21	26
Wholesale Trade	14	13	14	14	15	16	19
Electric Utilities	11	12	13	13	13	13	14
Indirect Defense Purchases Resulting from Direct Purchases							
Wholesale Trade	21	21	22	23	23	24	25
Petroleum Refining	19	18	18	19	20	21	24
Finance and Insurance	16	16	16	17	17	18	19
Electric Utilities	16	16	17	17	18	19	19
Other Nonferrous Metals	13	13	13	14	14	14	15

Nebraska Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,212	1,186	1,183	1,185	1,194	1,204	1,235
Indirect Defense Purchases Resulting from Direct Purchases	665	653	674	698	725	747	785
Indirect Defense Purchases Resulting from Direct Pay	501	489	476	470	465	464	467
Total Nondefense Expenditures	100,648	102,194	104,439	106,575	109,022	111,352	113,825
Total Output	103,026	104,522	106,772	108,928	111,407	113,767	116,312
Government Industry Compensation	841	826	809	803	798	796	800
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	134	131	137	141	143	145	147
Food and Tobacco	69	63	64	64	71	78	97
Construction	38	37	38	40	41	41	41
Electric Utilities	23	24	26	26	27	28	28
Aerospace	19	18	20	21	21	22	23
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	102	102	109	114	119	124	131
Finance and Insurance	62	61	62	64	66	68	72
Wholesale Trade	60	59	60	63	65	67	70
Communications Equipment and Electronic Components	53	51	52	53	55	57	59
Electric Utilities	33	33	34	35	37	38	40

Nevada Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,232	1,211	1,205	1,209	1,208	1,208	1,218
Indirect Defense Purchases Resulting from Direct Purchases	436	432	447	464	482	498	524
Indirect Defense Purchases Resulting from Direct Pay	821	808	788	781	776	776	781
Total Nondefense Expenditures	82,833	85,232	87,881	90,517	93,587	96,782	100,279
Total Output	85,322	87,683	90,321	92,972	96,052	99,264	102,802
Government Industry Compensation	917	901	885	878	871	868	868
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)	95	93	98	101	103	104	107
Research Labs, Computer and Engineering Services	71	69	70	75	75	75	75
Construction	34	33	35	35	35	35	36
Metal Products	29	29	29	30	31	32	33
Air Transportation	19	19	20	21	21	22	22
Water and Sanitation							
Indirect Defense Purchases Resulting from Direct Purchases	72	73	78	82	86	89	95
Research Labs, Computer and Engineering Services	58	59	61	63	65	68	71
Nonferrous Metals Mining	30	29	30	32	33	34	36
Wholesale Trade	26	26	27	28	29	30	32
Finance and Insurance	23	22	23	23	24	25	26
Communications Services							

New Hampshire Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,066	1,046	1,067	1,081	1,094	1,105	1,118
Indirect Defense Purchases Resulting from Direct Purchases	528	520	538	558	578	595	619
Indirect Defense Purchases Resulting from Direct Pay	256	250	243	240	237	236	237
Total Nondefense Expenditures	61,790	63,025	64,571	66,160	67,827	69,490	71,288
Total Output	63,640	64,841	66,418	68,039	69,737	71,425	73,263
Government Industry Compensation	298	292	287	283	280	277	276

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)	244	237	242	244	248	252	253
Communications Equipment and Electronic Components	112	113	120	127	135	139	142
Instruments	110	104	105	106	106	104	103
Research Labs, Computer and Engineering Services	58	61	66	68	67	69	71
Other Nonelectrical Machinery	54	54	58	59	61	62	65
Computers							
Indirect Defense Purchases Resulting from Direct Purchases	83	81	83	86	88	89	91
Research Labs, Computer and Engineering Services	67	67	71	75	80	83	88
Communications Equipment and Electronic Components	32	32	33	34	35	36	37
Other Nonferrous Metals	29	29	29	30	31	32	33
Finance and Insurance	28	27	28	29	30	31	33
Wholesale Trade							

New Jersey Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	6,238	6,085	6,101	6,234	6,326	6,398	6,573
Indirect Defense Purchases Resulting from Direct Purchases	4,220	4,148	4,288	4,456	4,630	4,768	4,990
Indirect Defense Purchases Resulting from Direct Pay	1,582	1,541	1,495	1,473	1,455	1,448	1,453
Total Nondefense Expenditures	475,182	483,313	493,502	503,261	514,099	524,957	536,780
Total Output	487,225	495,088	505,387	515,427	526,515	537,575	549,800
Government Industry Compensation	1,861	1,823	1,781	1,744	1,722	1,711	1,708
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)	1,374	1,336	1,391	1,448	1,478	1,488	1,494
Research Labs, Computer and Engineering Services	738	722	694	725	739	751	791
Water Transportation	407	411	434	459	485	498	507
Instruments	281	275	284	288	295	303	306
Communications Equipment and Electronic Components	208	198	200	216	217	215	216
Construction							
Indirect Defense Purchases Resulting from Direct Purchases	1,045	1,042	1,100	1,173	1,231	1,275	1,329
Research Labs, Computer and Engineering Services	346	341	354	360	373	385	402
Real Estate	340	334	346	359	374	386	406
Wholesale Trade	263	260	266	276	286	295	310
Finance and Insurance	254	245	250	256	263	267	277
Other Chemicals							

New Mexico Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,374	2,305	2,286	2,291	2,291	2,294	2,309
Indirect Defense Purchases Resulting from Direct Purchases	1,082	1,057	1,079	1,111	1,151	1,184	1,241
Indirect Defense Purchases Resulting from Direct Pay	678	661	644	637	632	632	636
Total Nondefense Expenditures	88,081	90,136	92,178	94,460	97,159	99,768	102,404
Total Output	92,215	94,158	96,187	98,499	101,233	103,878	106,590
Government Industry Compensation	1,421	1,395	1,365	1,351	1,339	1,335	1,338
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	460	439	444	444	442	436	431
Construction	121	116	118	126	127	126	127
Air Transportation	69	59	59	64	69	75	78
Trucking and Highway Passenger Transit	54	54	55	59	61	64	67
Aerospace	54	53	54	55	56	58	58
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	350	342	351	360	368	374	383
Communications Equipment and Electronic Components	131	137	150	161	174	184	193
Crude Oil	80	76	76	76	81	86	101
Gas Utilities	84	74	64	63	61	60	60
Electric Utilities	45	43	43	44	46	47	49

New York Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,556	7,435	7,547	7,710	7,850	7,982	8,182
Indirect Defense Purchases Resulting from Direct Purchases	6,035	5,920	6,079	6,283	6,491	6,659	6,930
Indirect Defense Purchases Resulting from Direct Pay	2,747	2,665	2,571	2,520	2,475	2,448	2,443
Total Nondefense Expenditures	953,031	966,040	983,473	1,000,556	1,019,865	1,039,042	1,060,240
Total Output	969,374	982,062	999,673	1,017,073	1,036,687	1,056,137	1,077,801
Government Industry Compensation	2,068	2,029	1,985	1,962	1,944	1,938	1,944
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Communications Equipment and Electronic Components	874	881	931	965	1,002	1,050	1,067
Research Labs, Computer and Engineering Services	795	761	774	786	787	781	774
Instruments	694	698	736	778	821	842	856
Aerospace	689	681	719	749	777	801	821
Air Transportation	564	563	557	580	589	602	627
Indirect Defense Purchases Resulting from Direct Purchases							
Finance and Insurance	921	919	945	984	1,022	1,059	1,119
Research Labs, Computer and Engineering Services	605	594	612	637	656	670	689
Wholesale Trade	542	530	546	565	588	605	634
Communications Equipment and Electronic Components	393	397	424	445	469	490	509
Printing and Publishing	330	320	326	333	340	344	354

North Carolina Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,892	7,738	7,595	7,717	7,737	7,794	7,997
Indirect Defense Purchases Resulting from Direct Purchases	2,974	2,929	3,009	3,134	3,255	3,355	3,523
Indirect Defense Purchases Resulting from Direct Pay	2,577	2,517	2,459	2,435	2,418	2,417	2,438
Total Nondefense Expenditures	424,500	433,332	445,020	455,741	467,626	479,531	492,463
Total Output	437,955	446,523	458,091	469,038	481,053	493,116	506,439
Government Industry Compensation	4,971	4,887	4,782	4,759	4,731	4,727	4,756
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Trucking and Highway Passenger Transit	916	915	828	888	900	931	1,024
Wholesale Trade	461	448	481	505	527	545	573
Construction	444	427	435	466	468	466	469
Research Labs, Computer and Engineering Services	216	207	211	215	215	214	214
Water Transportation	110	108	104	108	109	111	117
Indirect Defense Purchases Resulting from Direct Purchases							
Wholesale Trade	219	217	226	236	247	256	271
Textiles (Except Knitting)	190	186	178	189	193	196	209
Communications Equipment and Electronic Components	184	182	192	200	210	219	229
Research Labs, Computer and Engineering Services	164	161	167	174	179	183	190
Other Chemicals	152	149	155	160	166	171	179

North Dakota Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	697	683	675	682	681	685	696
Indirect Defense Purchases Resulting from Direct Purchases	255	249	255	263	274	282	298
Indirect Defense Purchases Resulting from Direct Pay	267	261	254	251	249	248	250
Total Nondefense Expenditures	32,828	33,383	34,098	34,779	35,533	36,251	37,046
Total Output	34,047	34,575	35,283	35,976	36,736	37,465	38,291
Government Industry Compensation	501	493	481	481	479	480	485
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Construction	52	50	52	54	55	55	55
Electric Utilities	38	38	41	42	43	44	45
Research Labs, Computer and Engineering Services	22	21	22	23	23	23	23
Trucking and Highway Passenger Transit	21	21	19	21	21	22	24
Construction, Mining, and Oil Field Equipment	19	15	14	14	12	11	11
Indirect Defense Purchases Resulting from Direct Purchases							
Electric Utilities	54	53	54	56	58	60	63
Wholesale Trade	24	23	24	25	26	27	28
Crude Oil	22	21	21	21	22	24	27
Research Labs, Computer and Engineering Services	17	17	17	18	19	20	21
Finance and Insurance	14	14	14	15	15	15	16

Ohio Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	6,649	6,472	6,488	6,481	6,521	6,562	6,698
Indirect Defense Purchases Resulting from Direct Purchases	5,959	5,821	5,998	6,179	6,393	6,557	6,833
Indirect Defense Purchases Resulting from Direct Pay	2,326	2,265	2,200	2,167	2,140	2,128	2,134
Total Nondefense Expenditures	689,748	700,024	715,993	731,441	747,372	763,244	780,699
Total Output	704,684	714,585	730,680	746,269	762,429	778,495	796,367
Government Industry Compensation	3,112	3,047	2,978	2,910	2,870	2,849	2,841

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Research Labs, Computer and Engineering Services	1,090	1,046	1,066	1,070	1,070	1,062	1,055
Aerospace	943	922	959	984	1,012	1,036	1,055
Food and Tobacco	219	202	204	202	226	247	307
Construction	158	152	155	165	166	165	166
Metal Products	140	137	149	157	169	175	179

Indirect Defense Purchases Resulting from Direct Purchases

Research Labs, Computer and Engineering Services	829	816	843	867	892	910	939
Real Estate	434	427	444	452	469	484	505
Metal Products	432	420	439	457	479	493	511
Ferrous Metals	427	406	418	428	440	444	452
Wholesale Trade	337	330	341	351	364	373	390

Oklahoma Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,717	3,642	3,613	3,615	3,630	3,655	3,736
Indirect Defense Purchases Resulting from Direct Purchases	1,720	1,675	1,717	1,768	1,848	1,914	2,054
Indirect Defense Purchases Resulting from Direct Pay	1,226	1,194	1,164	1,149	1,138	1,135	1,142
Total Nondefense Expenditures	180,821	183,842	187,740	191,624	195,684	199,811	204,307
Total Output	187,486	190,353	194,235	198,158	202,301	206,517	211,240
Government Industry Compensation	2,677	2,627	2,568	2,536	2,513	2,505	2,512
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace	208	208	222	232	242	250	258
Research Labs, Computer and Engineering Services	170	167	175	181	184	186	190
Construction	142	137	141	149	150	150	151
Air Transportation	128	128	127	133	135	139	145
Petroleum Refining	91	84	84	84	93	101	124
Indirect Defense Purchases Resulting from Direct Purchases							
Crude Oil	282	267	267	268	289	307	359
Research Labs, Computer and Engineering Services	130	130	139	146	154	160	169
Automobile Repairs	100	99	100	104	107	110	116
Petroleum Refining	101	97	97	99	106	112	128
Gas Utilities	85	82	86	87	89	91	93

Oregon Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	796	777	769	768	764	761	764
Indirect Defense Purchases Resulting from Direct Purchases	1,170	1,161	1,209	1,265	1,320	1,368	1,437
Indirect Defense Purchases Resulting from Direct Pay	616	601	585	579	573	572	574
Total Nondefense Expenditures	182,495	185,796	190,426	194,946	199,905	204,831	210,274
Total Output	185,084	188,340	192,995	197,564	202,573	207,544	213,061
Government Industry Compensation	596	585	575	567	560	556	553
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	38	36	35	36	35	35	34
Construction	36	34	33	37	36	36	36
Instruments	16	16	17	18	18	19	19
Water and Sanitation	10	10	10	11	11	11	11
Metal Products	10	9	9	10	10	9	10
Indirect Defense Purchases Resulting from Direct Purchases							
Communications Equipment and Electronic Components	269	278	302	324	346	367	388
Wholesale Trade	103	101	106	110	115	119	126
Finance and Insurance	86	84	86	89	91	94	98
Other Nonferrous Metals	66	65	68	70	73	74	76
Lumber	52	50	51	52	53	54	56

Pennsylvania Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,112	6,924	6,959	6,966	6,992	7,020	7,163
Indirect Defense Purchases Resulting from Direct Purchases	5,708	5,588	5,758	5,928	6,137	6,306	6,589
Indirect Defense Purchases Resulting from Direct Pay	2,376	2,318	2,253	2,223	2,198	2,189	2,197
Total Nondefense Expenditures	674,687	684,466	697,473	710,415	724,497	738,391	753,599
Total Output	689,883	699,297	712,443	725,533	739,824	753,907	769,549
Government Industry Compensation	3,006	2,942	2,876	2,803	2,762	2,738	2,725

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Metal Products	882	870	919	937	956	963	981
Research Labs, Computer and Engineering Services	841	805	820	826	826	819	814
Aerospace	435	422	430	437	446	455	459
Finance and Insurance	214	202	207	207	226	242	288
Other Nonelectrical Machinery	174	178	191	197	193	197	204
Indirect Defense Purchases Resulting from Direct Purchases							
Real Estate	736	728	763	771	801	830	868
Research Labs, Computer and Engineering Services	640	628	648	669	688	702	724
Ferrous Metals	409	389	400	409	419	423	431
Finance and Insurance	331	325	330	341	352	360	377
Wholesale Trade	329	324	336	348	363	375	394

Rhode Island Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,046	1,018	1,013	1,019	1,017	1,016	1,027
Indirect Defense Purchases Resulting from Direct Purchases	418	412	426	442	458	471	491
Indirect Defense Purchases Resulting from Direct Pay	298	291	283	280	277	277	279
Total Nondefense Expenditures	52,373	53,275	54,258	55,240	56,318	57,428	58,618
Total Output	54,137	54,996	55,982	56,982	58,073	59,196	60,418
Government Industry Compensation	563	552	539	529	523	520	520
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	162	158	164	167	169	170	172
Instruments	82	81	84	87	91	93	93
Construction	63	62	64	67	68	68	69
Textiles (Except Knitting)	42	35	32	33	28	25	25
Trucking and Highway Passenger Transit	33	33	30	32	32	33	37
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	123	123	130	135	141	146	153
Other Nonferrous Metals	31	30	31	32	33	34	35
Finance and Insurance	26	26	26	27	28	28	29
Wholesale Trade	26	25	26	27	28	29	30
Metal Products	20	20	21	22	23	23	24

South Carolina Summary Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,997	3,920	3,915	3,954	3,985	4,013	4,082
Indirect Defense Purchases Resulting from Direct Purchases	1,651	1,622	1,671	1,740	1,806	1,859	1,951
Indirect Defense Purchases Resulting from Direct Pay	1,334	1,302	1,270	1,256	1,245	1,244	1,253
Total Nondefense Expenditures	221,415	226,142	231,644	237,021	242,856	248,716	254,991
Total Output	228,400	232,988	238,503	243,974	249,897	255,837	262,283
Government Industry Compensation	2,699	2,652	2,598	2,576	2,556	2,548	2,555

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	240	233	242	249	252	253	257
Construction	214	204	206	221	221	219	220
Aerospace	176	176	187	198	207	214	220
Metal Products	160	159	175	188	207	216	222
Trucking and Highway Passenger Transit	80	79	72	77	78	81	89
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	183	181	191	202	210	217	229
Other Chemicals	172	168	173	179	186	191	200
Textiles (Except Knitting)	137	134	128	136	139	142	152
Wholesale Trade	79	78	80	83	87	89	94
Communications Equipment and Electronic Components	74	75	81	86	92	97	102

South Dakota Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	419	410	407	410	410	411	417
Indirect Defense Purchases Resulting from Direct Purchases	244	241	250	262	273	282	295
Indirect Defense Purchases Resulting from Direct Pay	197	192	187	185	183	182	183
Total Nondefense Expenditures	37,708	38,474	39,513	40,482	41,552	42,606	43,720
Total Output	38,569	39,317	40,358	41,339	42,418	43,481	44,615
Government Industry Compensation	304	299	292	290	288	288	289
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Computers	38	38	41	42	43	44	46
Construction	22	21	21	23	23	23	23
Research Labs, Computer and Engineering Services	18	17	17	19	19	19	19
Electric Utilities	6	6	6	7	7	7	7
Gas Utilities	5	5	6	6	6	6	6
Indirect Defense Purchases Resulting from Direct Purchases							
Communications Equipment and Electronic Components	42	42	46	49	53	56	59
Wholesale Trade	22	22	22	23	24	25	26
Finance and Insurance	20	20	20	20	21	21	22
Gas Utilities	16	16	16	17	17	17	18
Research Labs, Computer and Engineering Services	14	14	14	15	16	16	17

Tennessee Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,869	3,809	3,743	3,825	3,847	3,883	3,993
Indirect Defense Purchases Resulting from Direct Purchases	2,234	2,189	2,243	2,324	2,404	2,464	2,570
Indirect Defense Purchases Resulting from Direct Pay	1,081	1,057	1,030	1,018	1,009	1,006	1,013
Total Nondefense Expenditures	304,318	309,656	318,388	326,125	334,186	342,239	351,269
Total Output	311,526	316,725	325,419	333,310	341,477	349,630	358,880
Government Industry Compensation	1,307	1,284	1,261	1,246	1,232	1,224	1,220

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Air Transportation	1,259	1,266	1,254	1,312	1,336	1,370	1,436
Research Labs, Computer and Engineering Services	502	473	469	466	458	447	434
Apparel and Household Textiles	278	279	244	271	278	287	311
Other Chemicals	89	89	95	98	101	104	108
Metal Products	76	72	74	75	74	73	74

Indirect Defense Purchases Resulting from Direct Purchases

Research Labs, Computer and Engineering Services	381	369	371	377	382	383	386
Wholesale Trade	162	160	166	172	179	185	195
Other Chemicals	159	155	160	165	170	175	182
Metal Products	144	141	148	154	161	166	173
Other Nonferrous Metals	111	109	113	116	120	123	126

Texas Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	21,409	20,906	21,008	21,226	21,530	21,805	22,418
Indirect Defense Purchases Resulting from Direct Purchases	12,201	11,942	12,251	12,654	13,186	13,636	14,497
Indirect Defense Purchases Resulting from Direct Pay	5,647	5,512	5,373	5,308	5,261	5,255	5,295
Total Nondefense Expenditures	1,081,519	1,103,038	1,127,372	1,151,824	1,178,293	1,205,522	1,234,844
Total Output	1,120,780	1,141,399	1,166,005	1,191,015	1,218,275	1,246,223	1,277,059
Government Industry Compensation	10,104	9,925	9,719	9,624	9,544	9,513	9,535

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

Aerospace	3,016	2,990	3,161	3,302	3,434	3,543	3,630
Research Labs, Computer and Engineering Services	2,370	2,257	2,277	2,289	2,280	2,249	2,213
Petroleum Refining	733	682	683	678	750	814	999
Communications Equipment and Electronic Components	645	644	680	700	723	750	764
Fuel Oil	656	611	612	607	672	729	895

Indirect Defense Purchases Resulting from Direct Purchases

Research Labs, Computer and Engineering Services	1,802	1,761	1,801	1,855	1,899	1,928	1,969
Crude Oil	1,304	1,235	1,237	1,243	1,341	1,427	1,673
Communications Equipment and Electronic Components	977	1,007	1,088	1,159	1,233	1,301	1,369
Petroleum Refining	843	810	813	827	880	928	1,057
Wholesale Trade	539	530	549	569	592	611	641

Utah Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,831	1,787	1,774	1,765	1,762	1,762	1,778
Indirect Defense Purchases Resulting from Direct Purchases	1,104	1,080	1,109	1,153	1,194	1,229	1,285
Indirect Defense Purchases Resulting from Direct Pay	618	603	587	580	574	572	575
Total Nondefense Expenditures	121,326	123,474	126,056	128,979	131,910	134,831	138,082
Total Output	124,881	126,945	129,527	132,478	135,441	138,395	141,722
Government Industry Compensation	1,215	1,190	1,162	1,136	1,121	1,114	1,112

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)	244	232	235	241	241	238	236
Research Labs, Computer and Engineering Services	62	61	63	66	67	67	68
Construction	47	46	49	50	52	53	54
Aerospace	41	41	43	45	47	48	49
Instruments	31	32	35	35	36	37	38
Electric Utilities							
Indirect Defense Purchases Resulting from Direct Purchases	185	181	186	195	200	204	210
Research Labs, Computer and Engineering Services	135	129	132	137	142	147	151
Aerospace	83	85	91	96	101	105	109
Communications Equipment and Electronic Components	58	57	59	61	64	66	69
Wholesale Trade	47	46	47	49	51	52	54
Finance and Insurance							

Vermont Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	316	310	316	320	324	325	327
Indirect Defense Purchases Resulting from Direct Purchases	306	307	321	334	348	361	376
Indirect Defense Purchases Resulting from Direct Pay	124	122	118	117	116	116	117
Total Nondefense Expenditures	31,243	32,026	32,941	33,906	34,915	35,926	37,004
Total Output	31,990	32,765	33,696	34,677	35,704	36,729	37,826
Government Industry Compensation	110	108	106	105	104	103	103

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	69	65	65	65	64	63	62
Instruments	54	55	59	63	67	69	71
Metal Products	35	35	37	38	38	39	39
Aerospace	29	28	30	30	31	32	33
Communications Equipment and Electronic Components	4	4	4	4	4	5	5
Indirect Defense Purchases Resulting from Direct Purchases							
Communications Equipment and Electronic Components	106	111	120	128	136	143	150
Research Labs, Computer and Engineering Services	52	51	52	53	53	54	55
Aerospace	17	16	17	17	18	18	19
Wholesale Trade	15	15	16	16	17	18	19
Finance and Insurance	12	12	12	13	13	13	14

Virginia Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	30,143	29,246	29,400	29,650	30,103	30,430	30,993
Indirect Defense Purchases Resulting from Direct Purchases	8,514	8,411	8,727	9,053	9,382	9,657	10,101
Indirect Defense Purchases Resulting from Direct Pay	5,440	5,302	5,177	5,119	5,076	5,070	5,110
Total Nondefense Expenditures	525,821	537,987	548,513	559,437	571,719	584,313	597,594
Total Output	569,916	580,943	591,814	603,256	616,278	629,468	643,796
Government Industry Compensation	14,227	13,954	13,637	13,437	13,304	13,253	13,280
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)	6,474	6,265	6,482	6,568	6,630	6,639	6,683
Research Labs, Computer and Engineering Services	2,670	2,371	2,519	2,655	2,977	3,157	3,230
Ships and Boats	1,110	1,116	1,105	1,156	1,176	1,206	1,264
Air Transportation	853	833	876	883	938	985	1,100
Communications Services	772	762	805	817	837	852	880
Computers							
Indirect Defense Purchases Resulting from Direct Purchases	4,923	4,886	5,126	5,322	5,522	5,691	5,945
Research Labs, Computer and Engineering Services	924	902	923	953	983	1,007	1,051
Real Estate	442	429	423	441	452	462	485
Nonautomotive Repair Services, Hotels, and Lodging	158	156	162	168	176	181	191
Wholesale Trade	149	146	148	153	157	161	168
Finance and Insurance							

Washington Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,324	8,138	8,135	8,190	8,277	8,355	8,547
Indirect Defense Purchases Resulting from Direct Purchases	3,445	3,392	3,503	3,643	3,786	3,915	4,087
Indirect Defense Purchases Resulting from Direct Pay	2,186	2,132	2,080	2,056	2,038	2,034	2,048
Total Nondefense Expenditures	326,603	332,941	339,471	348,038	356,414	364,670	373,366
Total Output	340,577	346,614	353,201	361,941	370,538	379,001	388,074
Government Industry Compensation	4,672	4,586	4,488	4,434	4,394	4,378	4,387
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	938	904	929	954	964	964	962
Communications Equipment and Electronic Components	393	396	417	432	449	472	478
Construction	325	313	321	342	344	343	345
Aerospace	296	286	290	294	300	304	305
Computers	224	231	243	257	269	273	281
Indirect Defense Purchases Resulting from Direct Purchases							
Aerospace	991	981	1,016	1,057	1,102	1,151	1,190
Research Labs, Computer and Engineering Services	713	705	735	773	803	826	856
Wholesale Trade	174	171	178	186	194	201	212
Finance and Insurance	120	118	120	124	128	132	138
Other Nonferrous Metals	117	115	119	123	127	131	135

West Virginia Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
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AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	490	474	468	474	472	470	475
Indirect Defense Purchases Resulting from Direct Purchases	628	612	630	649	672	690	722
Indirect Defense Purchases Resulting from Direct Pay	291	283	275	271	267	266	267
Total Nondefense Expenditures	82,589	83,756	85,458	87,111	88,889	90,742	92,829
Total Output	83,998	85,126	86,830	88,505	90,301	92,167	94,293
Government Industry Compensation	300	295	289	285	282	280	279

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)							
Construction	90	84	83	91	90	88	88
Research Labs, Computer and Engineering Services	42	41	42	42	43	43	43
Aerospace	13	13	13	14	14	14	15
Wholesale Trade	12	11	11	11	12	13	16
Apparel and Household Textiles	5	5	5	5	6	6	6
Indirect Defense Purchases Resulting from Direct Purchases							
Other Chemicals	79	76	78	81	84	86	89
Coal Mining	76	75	78	80	82	84	86
Ferrous Metals	71	68	71	73	76	77	79
Other Nonferrous Metals	43	42	44	46	47	49	51
Wholesale Trade	34	34	35	36	37	38	39

Wisconsin Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,399	1,366	1,377	1,397	1,426	1,449	1,523
Indirect Defense Purchases Resulting from Direct Purchases	2,493	2,439	2,499	2,583	2,673	2,742	2,866
Indirect Defense Purchases Resulting from Direct Pay	845	830	809	800	794	793	799
Total Nondefense Expenditures	317,772	322,802	330,510	337,512	344,949	352,494	360,962
Total Output	322,515	327,441	335,198	342,298	349,850	357,488	366,160
Government Industry Compensation	514	505	495	488	482	479	478
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Motor Vehicles	212	212	225	231	240	246	260
Automobile Repairs	89	89	87	91	92	94	98
Construction, Mining, and Oil Field Equipment	75	72	76	81	86	87	94
Food and Tobacco	63	58	59	58	65	71	89
Metal Products	46	45	49	51	53	55	56
Indirect Defense Purchases Resulting from Direct Purchases							
Automobile Repairs	493	486	491	508	525	539	566
Metal Products	189	184	191	198	207	213	220
Paper	160	155	159	163	168	172	179
Wholesale Trade	157	154	160	167	174	180	190
Finance and Insurance	150	147	150	155	160	164	171

Wyoming Summary
Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	621	611	584	601	608	621	661
Indirect Defense Purchases Resulting from Direct Purchases	248	240	245	251	263	274	299
Indirect Defense Purchases Resulting from Direct Pay	162	158	154	152	150	150	151
Total Nondefense Expenditures	25,156	25,531	26,058	26,513	27,030	27,548	28,109
Total Output	26,187	26,541	27,041	27,517	28,052	28,593	29,220
Government Industry Compensation	272	267	261	260	258	258	260
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Railroads	242	242	220	235	238	246	270
Construction	26	25	26	27	27	27	27
Petroleum Refining	18	16	16	16	18	20	24
Coal Mining	17	16	16	16	17	19	24
Fuel Oil	16	15	15	15	16	18	22
Indirect Defense Purchases Resulting from Direct Purchases							
Crude Oil	60	57	57	57	62	66	77
Petroleum Refining	34	32	33	33	36	38	43
Coal Mining	20	20	21	21	22	23	24
Natural Gas	12	12	12	12	13	13	13
Wholesale Trade	10	9	10	10	10	11	11

Entire United States Summary

Rounded to Millions of 2000 dollars

	1999	2000	2001	2002	2003	2004	2005
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	279,604	272,537	273,930	277,264	281,059	284,085	289,999
Indirect Defense Purchases Resulting from Direct Purchases	136,161	133,571	137,493	142,328	147,568	151,863	159,035
Indirect Defense Purchases Resulting from Direct Pay	73,209	71,416	69,546	68,679	67,995	67,805	68,206
Total Nondefense Expenditures	15,268,092	15,537,864	15,882,715	16,222,436	16,590,748	16,961,549	17,366,046
Total Output	15,757,066	16,015,388	16,363,685	16,710,708	17,087,369	17,465,302	17,883,287
Government Industry Compensation	123,052	120,775	118,180	116,671	115,563	115,105	115,273
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Research Labs, Computer and Engineering Services	37,823	36,293	37,054	37,523	37,644	37,422	37,234
Aerospace	29,417	28,881	30,094	31,127	32,141	32,961	33,523
Communications Equipment and Electronic Components	9,371	9,286	9,677	9,891	10,175	10,525	10,658
Construction	8,648	8,309	8,470	9,049	9,086	9,037	9,091
Ships and Boats	8,677	7,713	8,168	8,599	9,615	10,182	10,402
Indirect Defense Purchases Resulting from Direct Purchases							
Research Labs, Computer and Engineering Services	28,761	28,308	29,305	30,403	31,355	32,077	33,123
Wholesale Trade	7,617	7,493	7,767	8,068	8,412	8,688	9,143
Communications Equipment and Electronic Components	7,349	7,440	7,963	8,403	8,879	9,312	9,725
Finance and Insurance	7,019	6,919	7,072	7,323	7,563	7,775	8,157
Real Estate	6,768	6,616	6,781	6,986	7,214	7,396	7,721

APPENDIX

Ind #	National		SIC Classification		State Level	
	Industry Title		Classification Code(s)	sec #	Industrial Sector Title	
1	Dairy Farm Products		241	1	Agriculture, Forestry, and Fisheries	
2	Poultry and Eggs		250 -254			
3	Meat Animals and Other Livestock		210 270			
4	Cotton		131			
5	Grains		111 112 115 118 pt 119 pt 139			
6	Tobacco		132			
7	Fruit, Vegetables, and Other Crops		pt 119 133 134 pt 139 170 173 179 161 116			
8	Forestry Products		800 -850 970			
9	Fishery Products		910			
10	Agriculture, Forestry, and Fishery Services		pt 180 254 700 780 850 920			
11	Iron Ores		1010 1060	2	Iron Ores	
12	Copper Ore		1020	3	Nonferrous Metals Mining	
13	Other Nonferrous Ores		1030 1040 1050 1080 1090			
14	Coal Mining		1200	4		Coal Mining
15	Natural Gas Extraction		1312	5	Natural Gas	
16	Crude Oil Extraction		1311 1320 1380	6	Crude Oil	
17	Stone and Clay Quarrying and Mining		1410 1420 1440 1450 1480 1490	7	Nonmetallic Mining	
18	Chemical and Fertilizer Minerals Mining		1470			
19	New Construction		1600	8	Construction	
20	Maintenance Construction		1500			
21	Guided Missiles and Space Vehicles		3761	44	Aerospace	
22	Ammunition, Except Small Arms		3483	28	Metal Products	
23	Tanks and Tank Components		3795	46	Other Transportation Equipment	
24	Small Arms		3484	28	Metal Products	
25	Small Arms Ammunition		3482			
26	Other Ordnance and Accessories		3489			
27	Meat Packing Plants, Sausage and Other Prepared Meats		2011 2013	9	Food and Tobacco	
28	Poultry Slaughtering and Processing		2015			
29	Dairy Products, Except Fluid Milk		2021 2022 2023 2024			
30	Fluid Milk		2026			
31	Fish and Seafoods		2091 2092			
32	Preserved Fruits and Vegetables, Frozen Bakery Products		2032 2033 2034 2035 2037 2038			
33	Flour, Cereals, and Other Grain Mill Products		2041 2043 2045			
34	Prepared Animal Feeds		2047 2048			
35	Rice Milling		2044			
36	Wet Corn Milling		2046			
37	Bakery Products		2051 2052 2053			

Ind #	National		SIC Classification		State Level		
	Industry Title		Classification Code(s)	sec. #	Industrial Sector Title		
38	Sugar		2061 2062 2063	9	Food and Tobacco		
39	Confectionery, Chocolate Products, and Roasted Nuts		2064 2066 2067 2068				
40	Beer, Malt Beverages, and Malt		2082 2083				
41	Wines, Brandy, and Brandy Spirits		2084				
42	Distilled and Blended Liquors		2085				
43	Soft Drinks and Flavorings		2086 2087				
44	Vegetable Oil Mills		2074, 2075, 2076				
45	Animal and Marine Fats and Oils		2077				
46	Shortening, Table Oils, and Edible Fats		2079				
47	Roasted Coffee		2095				
48	Miscellaneous Food Preparations		2096 2097 2098 2099				
49	Cigarettes		2110				
50	Cigars		2120				
51	Chewing and Smoking Tobacco and Snuff		2130				
52	Tobacco Stemming and Redrying		2140				
53	Broadwoven Fabric Mills		2210 2220 2230 2261 2262	10	Textiles (Except Knitting)		
54	Narrow Fabric Mills		2240				
55	Yarn and Thread Mills, Textile Finishers		2269 2281 2282 2284				
56	Carpets and Rugs		2270				
57	Miscellaneous Textile Goods		2290				
58	Knitting Mills		2251 2252 2253 2254 2257 2258 2259	11	Knitting		
59	Apparel		2300-2390	12	Apparel and Household Textiles		
60	Household Textile Products		2391 2392				
61	Miscellaneous Fabricated Textile Products		2393 2394 2395 2396 2397 2399 39996				
62	Logging Camps and Contractors		2411				
63	Sawmills and Planing Mills		2421 2426 2429				
64	Millwork and Wood Kitchen Cabinets		2431 2434	22	Lumber		
65	Veneer and Plywood		2435 2436				
66	Structural Wood Members, n.e.c.		2439				
67	Prefabricated Wood Buildings and Components		2452				
68	Wood Preserving		2491				
69	Wood Pallets and Skids		2448				
70	Wood Containers		2441 2449				
71	Particleboard and Wood Products, n.e.c.		2493 2499				
72	Household Furniture		2511 2512 2514 2515 2517 2519			23	Furniture
73	Office Furniture		2521 2522				
74	Public Building and Related Furniture		2531				
75	Partitions and Fixtures		2541 2542				
76	Furniture and Fixtures, n.e.c.		2591 2599				

National		SIC Classification		State Level	
Ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title	
77	Pulp Mills	2610	13	Paper	
78	Paper Mills, Including Building Paper	2620			
79	Paperboard Mills	2630			
80	Bags, Except Textile Bags	2673 2674			
81	Paperboard Containers and Boxes	2650			
82	Paper Coating and Glazing, Die Cut Paper	2671 2672 2675			
83	Envelopes and Stationery	2677 2678			
84	Converted Paper Products, n.e.c.	2679			
85	Sanitary Paper Products	2676			
86	Newspaper Publishing and Printing	2710	14	Printing and Publishing	
87	Periodical Publishing and Printing	2720			
88	Book Publishing and Printing	2731 2732			
89	Miscellaneous Publishing	2740			
90	Commercial Printing	2752 2754 2759			
91	Greeting Card Publishing	2770			
92	Printing Trade Services	2791 2796			
93	Blankbooks and Bookbinding	2782 2789			
94	Manifold Business Forms	2761			
95	Industrial Inorganic Chemicals	2812 2813 2816 2819, excl. 28195	16	Other Chemicals	
96	Industrial Organic Chemicals	2865 2869			
97	Gum and Wood Chemicals	2861			
98	Agricultural Chemicals	2873 2874 2875 2879	15	Agricultural Fertilizers	
99	Adhesives and Sealants	2891	16	Other Chemicals	
100	Explosives	2892			
101	Chemical Preparations, n.e.c.	2893 2895 2899			
102	Plastics Materials and Resins	2821			
103	Synthetic Rubber	2822			
104	Cellulosic Man-Made Fibers	2823			
105	Synthetic Organic Fibers, Except Cellulosic	2824			
106	Drugs	2830	79	Drugs	
107	Soaps and Cleaners	2841 2842 2843	16	Other Chemicals	
108	Perfumes, Cosmetics, and Other Toilet Preparations	2844			
109	Paints, Varnishes, and Related Products	2850			
110	Petroleum Refining, Except Fuel Oil	2911 2917 2992 2999	17	Petroleum Refining	
111	Fuel Oil	2915	18	Fuel Oil	
112	Asphalt Paving and Coatings	2951 2952	17	Petroleum Refining	
113	Tires and Inner Tubes	3010	19	Rubber Products	
114	Fabricated Rubber Products, n.e.c.	3060			

Ind #	National Industry Title	SIC Classification		State Level	
		Classification Code(s)	sec #	Industrial Sector Title	
115	Rubber and Plastics Footwear	3020	19	Rubber Products	
116	Rubber and Plastics Hose and Belting	3052			
117	Gaskets, Packing, and Sealing Devices	3053			
118	Miscellaneous Plastic Products	3080	20	Plastic Products	
119	Leather Tanning and Finishing	3110	21	Shoes and Leather	
120	Boot and Shoe Cut Stock and Findings	3130			
121	Footwear, Except Rubber	3142 3143 3144 3149			
122	Other Leather Goods	3150 3160 3171 3172 3199			
123	Glass and Glass Products, n.e.c.	3210 3229 3230	24	Stone, Clay, and Glass	
124	Glass Containers	3221			
125	Cement, Hydraulic	3240			
126	Structural Clay Products	3251 3253 3255 3259			
127	Pottery and Related Products	3261 3262 3263 3264 3269			
128	Concrete and Concrete Products	3271 3272 3273			
129	Lime	3274			
130	Gypsum Products	3275			
131	Cut Stone and Stone Products	3280			
132	Nonmetallic Mineral Products, n.e.c.	3291 3292 3295 3296 3297 3299			
133	Steel Mills, Blast Furnaces, and Rolling and Finishing Mills	3312 3313 3315 3316 3317	25	Ferrous Metals	
134	Iron and Steel Foundries	3320			
135	Iron and Steel Forgings	3462			
136	Miscellaneous Primary Metal Products	3398 3399			
137	Primary Smelting and Refining of Copper	3331, pt. 3341	26	Copper	
138	Primary Smelting and Refining of Aluminum	3334 28195 pt. 3341	27	Other Nonferrous Metals	
139	Lead, Zinc, and Other Primary Nonferrous Metals	3339			
140	Copper Rolling and Drawing Products	3351	26	Copper	
141	Aluminum Rolling and Drawing Products	3353 3354 3355	27	Other Nonferrous Metals	
142	Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire	3356 3357			
143	Aluminum Foundries and Castings	3363 3365			
144	Copper Foundries	3366	26	Copper	
145	Nonferrous Castings and Forgings	3364 3369 3463	27	Other Nonferrous Metals	
146	Metal Cans	3411	28	Metal Products	
147	Metal Shipping Barrels, Drums, Kegs, and Pails	3412			
148	Metal Sanitary Ware and Plumbing Fixtures	3431 3432			
149	Heating Equipment, Except Electrical and Warm Air Furnaces	3433			
150	Fabricated Structural Metal Products	3441 3442			
151	Fabricated Plate Work (Boiler Shops)	3443			
152	Sheet Metal and Other Metal Work	3444 3446 3448 3449			

Ind #	National Industry Title	SIC Classification		State Level	
		Classification Code(s)	sec #	Industrial Sector Title	
153	Screw Machine Products, Bolts, and Nuts	3450	28	Metal Products	
154	Automotive Stampings	3465			
155	Crowns and Closures	3466			
156	Metal Stampings, n.e.c.	3469			
157	Cutlery and Hand Tools	3421 3423 3425			
158	Hardware, n.e.c.	3429			
159	Metal Plating, Polishing, and Coating	3471 3479			
160	Metal Foil and Leaf	3497			
161	Miscellaneous Fabricated Wire Products	3495 3496			
162	Steel Springs, Except Wire	3493			
163	Pipes, Valves, and Pipe Fittings	3491 3492 3494 3498			
164	Fabricated Metal Products, n.e.c.	3499			
165	Steam, Gas, and Hydraulic Turbines	3511	29	Engines and Turbines	
166	Internal Combustion Engines, n.e.c.	3519			
167	Farm Machinery and Equipment	3523	30	Agricultural Machinery	
168	Garden Tractors and Lawn and Garden Equipment	3524			
169	Construction Machinery and Equipment	3531	31	Construction, Mining, and Oil Field Equipment	
170	Mining Machinery and Equipment, Except Oil and Gas Machinery	3532			
171	Oil and Gas Field Machinery	3533	34	Other Nonelectrical Machinery	
172	Elevators and Moving Stairways	3534			
173	Conveyers, Hoists, and Cranes	3535 3536			
174	Industrial Trucks, Tractors, Trailers, and Stackers	3537			
175	Machine Tools, Metal Cutting Types	3541	32	Metalworking Machinery	
176	Machine Tools, Metal Forming Types	3542			
177	Special Dies, Jigs, Molds, and Cutting Tools	3544 3545			
178	Power-Driven Hand Tools	3546			
179	Rolling Mill Machinery and Equipment	3547			
180	Metalworking Machinery, n.e.c.	3549			
181	Food Products Machinery	3556	33	Special Industry Machinery	
182	Textile Machinery	3552			
183	Woodworking Machinery	3553			
184	Paper Industries Machinery	3554			
185	Printing Trades Machinery and Equipment	3555			
186	Special Industrial Machinery, n.e.c.	3559			
187	Pumps and Compressors	3561 3563	34	Other Nonelectrical Machinery	
188	Ball and Roller Bearings	3562			
189	Blowers and Exhaust and Ventilation Fans	3564			
190	Industrial Patterns	3543			
191	Packaging Machinery and General Industrial Machinery, n.e.c.	3565 3569			
192	Mechanical Power Transmission Equipment	3566 3568			

National		SIC Classification		State Level			
Ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title			
193	Industrial Process Furnaces and Ovens	3567	34	Other Nonelectrical Machinery			
194	Carburetors, Pistons, Piston Rings, and Valves	3592					
195	Fluid Power Equipment	3593 3594					
196	Scales and Balances	3596	36	Other Office Equipment			
197	Industrial and Commercial Machinery, n.e.c.	3599	34	Other Nonelectrical Machinery			
198	Electronic Computers	3571	35	Computers			
199	Computer Peripheral Equipment	3572 3575 3577					
200	Calculators and Accounting Machinery	3578					
201	Office Machines and Typewriters	3579	36	Other Office Equipment			
202	Automatic Merchandising Equipment	3581	37	Service Industry Machinery			
203	Commercial Laundry, Dry Cleaning, and Pressing Machines	3582					
204	Air Conditioning, Heating, and Refrigeration Equipment	3585					
205	Measuring and Dispensing Pumps	3586					
206	Service Industry Machinery, n.e.c.	3589					
207	Instruments to Measure Electricity	3825	39	Electric Industrial Appliances and Distribution Equipment			
208	Transformers	3612					
209	Switchgear and Switchboard Apparatus	3613					
210	Motors and Generators	3621					
211	Relays and Industrial Controls	3625					
212	Welding and Soldering Equipment	3548					
213	Electrical Industrial Apparatus	3624 3629					
214	Major Household Appliances	3631 3632 3633			40	Household Appliances	
215	Other Household Appliances	3634 3635 3639					
216	Electric Lamps, Light Fixtures, and Wiring	3641 3643 3644 3645 3646 3647 3648			41	Other Electrical Equipment	
217	Household Audio and Video Equipment	3651	42	TV Sets, Radios, and Phonographs			
218	Prerecorded Records and Tapes	3652					
219	Telephones, Switchboards, Modems, Faxes, etc.	3661	38	Communications Equipment and Electronic Components			
220	Radio and TV Broadcasting and Communication Equipment	3663 3669					
221	Electron Tubes	3671					
222	Semiconductors and Related Devices	3674					
223	Electronic Components, n.e.c.	3672 3675 3676 3677 3678 3679					
224	Storage Batteries	3691	41	Other Electrical Equipment			
225	Primary Batteries, Dry and Wet	3692					
226	X-ray and Irradiation Apparatus	3844					
227	Electromedical and Electrotherapeutic Apparatus	3845					
228	Engine Electrical Equipment	3694					
229	Magnetic and Optical Recording Media	3695					
230	Electrical Machinery, Equipment and Supplies, n.e.c.	3699					

Ind #	National Industry Title	SIC Classification		State Level	
		Classification Code(s)	sec #	Industrial Sector Title	
231	Truck and Bus Bodies	3713	43	Motor Vehicles	
232	Truck Trailers	3715			
233	Motor Vehicles and Passenger Car Bodies	3711			
234	Motor Vehicle Parts and Accessories	3714			
235	Aircraft	3721	44	Aerospace	
236	Aircraft and Missile Engines, Propulsion Units and Parts	3724 3764			
237	Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.	3728 3769			
238	Shipbuilding and Repairing	3731	45	Ships and Boats	
239	Boat Building and Repairing	3732			
240	Railroad Equipment	3740	46	Other Transportation Equipment	
241	Motorcycles, Bicycles, and Parts	3750			
242	Travel Trailers and Campers	3792			
243	Mobile Homes	2451	22	Lumber	
244	Motor Homes	3716	43	Motor Vehicles	
245	Transportation Equipment, n.e.c.	3799	46	Other Transportation Equipment	
246	Search and Navigation Equipment	3812	47	Instruments	
247	Laboratory Apparatus and Furniture	3821			
248	Measuring Devices and Environmental Controls	3822 3823 3824 3829			
249	Surgical and Medical Instruments	3841	80	Medical Instruments and Supplies	
250	Surgical Appliances and Supplies	3842			
251	Dental Equipment and Supplies	3843			
252	Watches, Clocks, Clockwork-Operated Devices, and Parts	3870	47	Instruments	
253	Laboratory and Optical Instruments	3826 3827			
254	Ophthalmic Goods	3850	81	Ophthalmic Goods	
255	Photographic Equipment and Supplies	3860	47	Instruments	
256	Jewelry, Precious Metal, Silverware, and Plated Wares	3911 3914 3915	48	Other Manufacturing	
257	Musical Instruments	3930			
258	Games, Toys, and Play Vehicles	3942 3944			
259	Sport and Athletic Goods, n.e.c.	3949			
260	Pens, Pencils, and Other Office and Artists' Materials	3951 3952 3953 3955			
261	Costume Jewelry and Notions	3961 3965			
262	Manufacturing, n.e.c.	3991 3993 3995 3996 3999			
263	Railroads	4000 4740 pt. 4789	49	Railroads	
264	Local and Suburban Passenger Transportation	4100	50	Trucking and Highway Passenger	
265	Trucking and Warehousing	4200 pt. 4789		Transit	
266	Water Transportation	4400	51	Water Transportation	

Ind #	National		SIC Classification		State Level	
	Industry Title		Classification Code(s)	sec #	Industrial Sector Title	
267	Airlines		4500	52	Air Transportation	
268	Pipelines		4600	53	Pipeline	
269	Transportation Services		4700	54	Transportation Services	
270	Telephone and Telegraph		4800 -4830	55	Communications Services	
271	Radio and TV Broadcasting		4830			
272	Electric Utilities		4910 pt 4930	56	Electric Utilities	
273	Natural Gas		4920 pt 4930	57	Gas Utilities	
274	Water, Sewer, Steam, and Irrigation Services		4940 4950 4960 4970 pt 4930	58	Water and Sanitation	
275	Wholesale Trade		5000 5100	59	Wholesale Trade	
276	Retail Trade		5200 5300 5400 5500 5600 5700 5900	60	Retail Trade	
277	Eating and Drinking Places		5800 pt 7000	61	Eating and Drinking Places	
278	Banking		60	62	Finance and Insurance	
279	Credit Agencies Other Than Banks		61 67 -6732			
280	Security and Commodity Brokers, Dealers, Exchanges, and Services		62			
281	Insurance Carriers		63			
282	Insurance Agents, Brokers, and Services		64			
283	Owner-Occupied Dwellings		No SIC	64	Owner-Occupied Housing	
284	Real Estate		6500 6600 1531	63	Real Estate	
285	Royalties		I-O sector, but no SIC			
286	Hotels, Rooming Houses, Camps, and Other Lodging Places		7000	65	Nonautomotive Repair Services, Hotels, and Lodging	
287	Personal and Repair Services		7200 7620 7630 7640	66	Research Labs, Computer and Engineering Services	
288	Personnel Supply Services		736			
289	Computer and Data Processing Services		737			
290	Research Laboratories and Management Consulting		8731 8732 8734 8740			
291	Equipment Rental and Leasing Services		7350			
292	Advertising		7310			
293	Other Business Services		7320 7330 7340 7380 7390 7690			
294	Legal Services		8110			
295	Engineering and Architectural Services		8710			
296	Other Professional Services, Including Accounting		8720 8900			
297	Auto Rental and Leasing		751	67	Automobile Repairs	
298	Auto Repair and Services		75 other			
299	Motion Pictures		78, exc. 7840	68	Movies and Amusements	
300	Video Tape Rental		7840	66	Research Labs, Computer and Engineering Services	

Ind #	National		SIC Classification				State Level		
	Industry Title		Classification Code(s)				sec #	Industrial Sector Title	
301	Amusements and Recreation Services		7910	7920	7930	7941 7948	7990	68	Movies and Amusements
302	Private Hospitals		806					82	Private Hospitals
303	Physicians, Excluding Dentists		801	803				83	Physicians
304	Dentists and Miscellaneous Medical Services		0740	8020	8041	8043 8048	8070 8080 8090	84	Other Medical Services
305	Nursing Homes		805					85	Nursing Homes
306	Education and Libraries		82					69	Education and Nonprofit Organizations
307	Social Services		83						
308	Museums, Nonprofits, Research, and Private Education		84	8650	8690	8733	6732		
309	Membership Organizations		86						
310	United States Postal Service		4311					70	Federal, State, and Local Government Enterprises
311	Federal Government Enterprises		No SIC						
312	State and Local Government Enterprises		No SIC						
317	Government Industry Compensation		No SIC					76	Government Industry Compensation

FEEDBACK FORM

1. Does this publication provide the information you need to interpret the projections in which you are interested? If not, what are the most important missing items?

2. Do the projections for your industry or state seem to be reasonable?

3. Are there other published forecasts with which the projections for your industry or state can be compared?

4. Which projections are most and least useful to you?

MOST

LEAST

	Direct defense purchases for an industry	
	Indirect defense purchases for an industry	
	Direct defense expenditures for a state	
	Indirect defense expenditures for a state	
	Geographic distribution of direct purchases	
	Geographic distribution of indirect purchases	

Other:

5. Comments on the format of the tables in this report:

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