

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

**Calendar Years 2004 Through 2009**



**August 2004**

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Detail by Industry and State**

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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 of OSD's Office of Program Analysis and Evaluation.

The report provides projections of direct and indirect (or defense-related) purchases from 50 major manufacturing industries. Estimates of defense-related employment and direct and indirect defense spending in each of the 50 states and the District of Columbia also are presented. An introduction gives 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 web-site home page, <http://www.ra.pae.osd.mil/ra/servlet/economics>. A feedback form for comments is attached at the end of the report.

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**Reader's Note**

Since the 1996 edition of *Projected Defense Purchases: Detail by Industry and State*, the Defense Employment and Purchases Projection System (*DEPPS*) has consisted of three defense-spending models:

- *IDEPPS*, a detailed interindustry model, which forecasts defense demands by 320 industries, broken out by major appropriation and procurement category.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 97 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry. The occupational matrix used in *LDEPPS* comprises 92 occupational categories, chosen in a way that permits more detail to be provided on categories that are heavily employed either directly or indirectly by the Department of Defense.

Two input-output models feed *DEPPS*:

- *LIFT*, which stands for Long-term Interindustry Forecasting Tool, is a 97-sector input-output model embedded in a macroeconomic model. *LIFT* establishes the macroeconomic environment as well as industry controls.
- *Iliad*, or the Interindustry Long-run Integrated and Dynamic model, uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 320 industries.

The Office of Program Analysis and Evaluation and Interindustry Forecasting at the University of Maryland (INFORUM) developed *DEPPS*. *LIFT* and *Iliad* were developed by INFORUM. *DEPPS*, *LIFT*, and *Iliad* are maintained by INFORUM.

The last and most critical element in developing the projections is the *Defense Translator*. The *Defense Translator* disaggregates the total defense budget by budget category into source industries and is updated annually.



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## INTRODUCTION AND HIGHLIGHTS

This report presents estimates of defense purchases during calendar years 2004 – 2009 from the 50 manufacturing industries that are the major defense suppliers. The report also provides projections of defense-related employment and spending during the forecast years for each of the 50 states and the District of Columbia. The estimates are based on the President's budget submission of February 2004, and on the geographic distribution of the major components of defense spending in the recent past. This document is also available on the DEPPS website.<sup>1</sup> Supporting documentation, including a more complete description of the model and data used to generate the estimates, is posted to the website as well.

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.<sup>2</sup> The projections therefore serve as reference points; 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 have been in the recent past.*

The framework for the projections is called the Defense Employment and Purchases Projection System (*DEPPS*). *DEPPS* consists of three defense-spending models:

- *IDEPPS*, a detailed interindustry model, which forecasts defense demands by 320 industries, broken out by major appropriation and procurement category.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 97 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry.

Two input-output models of the United States feed *DEPPS*. The first model, called the Long-term Interindustry Forecasting Tool (*LIFT*), is a 97-sector input-output model embedded in a macroeconomic model. *LIFT* establishes the macroeconomic environment as well as industry controls. The second input-output model, called *Iliad* for Interindustry Long-run Integrated and Dynamic model, uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the U.S. economy into 320 industries.<sup>3</sup>

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<sup>1</sup> Available at <http://www.ra.pae.osd.mil/ra/servlet/economics>

<sup>2</sup> The Directorate of Information Operations and Reports in the Washington Headquarters Services publishes comprehensive data on prime contract awards and personnel expenditures, by state, available at <http://web1.whs.osd.mil/mmids/pubs.htm>.

<sup>3</sup> The Office of Program Analysis and Evaluation and Interindustry Forecasting at the University of Maryland (INFORUM) developed *DEPPS*. *LIFT* and *Iliad* were developed by INFORUM. *DEPPS*, *LIFT*, and *Iliad* are maintained by INFORUM.

## Definitions and Coverage

The estimates presented in this report consider both “direct” and “indirect” defense expenditures. Direct defense expenditures are those that the Department of Defense (DoD) itself makes. These include purchases of goods and services, as well as military and civilian pay.

Indirect defense-related expenditures, by contrast, represent purchases—generated throughout the economy—of items used to produce goods bought by DoD. That is, indirect (sometimes called intermediate) 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 -- not really-- 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—goods and services from subcontractors and lower-tier suppliers.

Defense purchases induced from direct pay, shown in the state-level tables in Section III, refers to the demand of goods and services from by DoD’s civilian and military employees, and retirees. Estimates for 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. Induced defense purchases resulting from direct pay are *not* included in the industry estimates reported in Section II.

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

**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 the work is completed.<sup>4</sup> (Budget authority for research, development, and procurement projects, in particular, tends to be disbursed over a period of several years.) Therefore, during periods of budget growth, budget authority tends to exceed outlays in any given year.

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<sup>4</sup> One metaphor is that of a checking account: budget authority represents the amount of money placed in a given account. Outlays represent “checks” that draw on those funds, which may be written over a number of years.

**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 and the 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* industry projections (IDEPPS) are based on a narrower budget grouping, Functional Category 051 (Department of Defense, Military). This subset of 050 funds *includes* all of the Defense Department’s military programs, but *excludes* the 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 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 (PCS) 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, 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.

## Highlights of the Projections

### Regional Requirements -- RDEPPS

**Defense Expenditures by State.** Table 1 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2005 for each of the fifty states and the District of Columbia grouped by the nine U.S. census divisions.

The geographic distribution of per capita defense expenditures reflects the distribution of military personnel and DoD civilian employees, as well as the location of the industries that make defense goods.

The dispersion *within* regions is larger than the dispersion across them. For example:

- Eight of the nine regions contain one or more states in which total projected defense expenditures (direct and indirect) exceed the national average.
- Seven regions contain at least one state in which total projected defense expenditures are less than 75 percent of the national average.
- Intraregional variation (the difference between the lowest and highest state estimate within a region) are greater than the variation among regional averages (the difference between the lowest and highest regional estimate) in five of the nine regions.

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 stable relative to recent years. Should this assumption fail, the actual course of completion of defense contracts would produce a future geographic pattern that differs from historical distributions.

### Industry Requirements -- DEPPS

**Defense Expenditures by Industry.** This report contains information on the 50 non-food manufacturing industries that supply the largest (direct plus indirect) defense expenditures. While some of these industries are defense-specific (e.g., armaments, shipbuilding, tanks and tank components, aircraft, and guided missiles), a significant share of defense purchases are made directly or indirectly from industries less obviously oriented toward defense activities (e.g., electronics, blast furnaces and steel mills, motor vehicle parts, industrial controls, telephone and telegraph equipment, and apparel).

The composition of projected defense purchases is different from the composition of all other purchases in the U.S. economy. Figure 1 presents information on the composition of projected defense and nondefense final purchases in 2005. A large proportion of defense purchases—37 percent—are made from manufacturing industries. By contrast, only about 30 percent of nondefense final purchases are made from the manufacturing sector of the economy. Similarly,

services make up about 57 percent of defense final purchases but about 65 percent of nondefense final purchases.

Figure 2 presents information on the composition of estimated defense and nondefense indirect purchases—the sales of materials, supplies, and services used as intermediate inputs in the production process. The manufacturing intensity of defense purchases is reflected in indirect defense purchases as well, although indirect defense purchases more closely resemble their nondefense counterparts. Manufacturing accounts for about 35 percent of projected defense indirect purchases and for about 28 percent of projected nondefense indirect purchases. Services make up about 61 percent of defense indirect purchases but about 63 percent of nondefense indirect purchases.

### **Difference Between Industry (IDEPPS) and Regional (RDEPPS) Totals**

The *RDEPPS* projections exclude DoD's share of the government's annual payments into the Military Retirement Fund, but includes disbursements of military retirement pay from the Military Retirement Fund (Functional Category 602 in the *Budget of the United States Government*). The regional total also excludes direct pay to military, civilian, and retired personnel stationed or living outside the fifty states and the District of Columbia. Since retirement disbursements are currently about \$22 billion more than accruals, and because payments abroad are currently about \$8 billion, the *RDEPPS* direct expenditure total currently exceeds the *IDEPPS* total by about \$14 billion (22-8).

### **Employment Requirements -- LDEPPS**

**Defense-Related Employment.** Defense-related civilian employment (including the civilian employees of the Department of Defense) represents about 2.5 percent of projected total U.S. civilian employment in 2005. The composition of defense-related civilian employment 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.

Figure 3 shows that for 2005, occupations primarily associated with manufacturing (e.g., maintenance, repair and production) account for a larger share of defense-related employment (20 percent) compared to the rest of the economy (14 percent). Service and sales occupations, on the other hand, comprise 27.2 percent of the nondefense workforce, but only 14.7 percent of defense-related employment. Engineers, scientists, and technicians are 11.0 percent of defense-related employment and 4.7 percent of non-defense employment. A breakout of these technical personnel by specialty is provided in Section I.

## Comparisons with Previous Estimates

The internal structure of *DEPPS* is revised occasionally. Most internal model changes, however, reflect revisions in data sets rather than changes in a model's fundamental architecture.

Changes in the defense budget overall also influence cross-year comparisons. Each year's projections are made using the defense portion of the President's budget submission to Congress. The defense budget is developed each year through an involved process and can change significantly from year to year. Consequently, the projections also change.

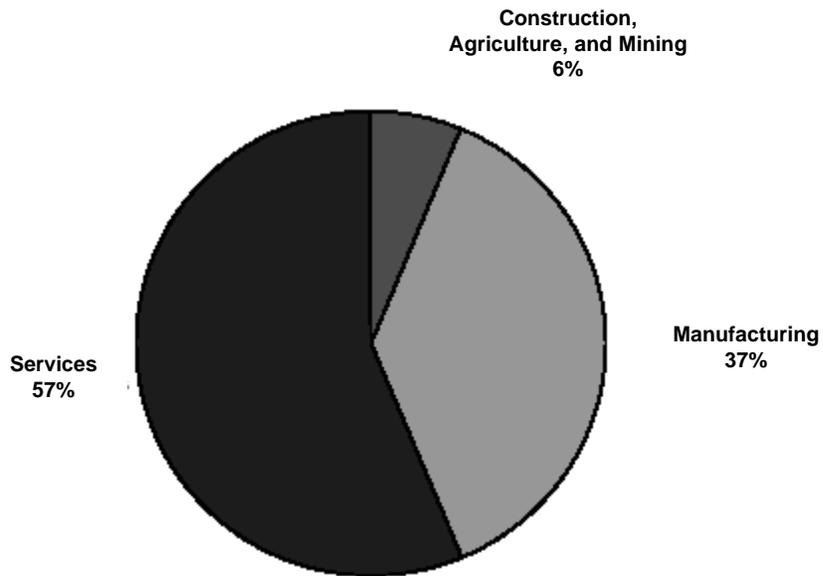
Finally, variability in the projections, and assumptions about the behavior of the economy as a whole and of specific sectors within the economy, also affect *DEPPS* outcomes. Many basic economic assumptions have been revised over the past year, in part due to the changing conditions in the U.S. economy.

Therefore, there are many reasons why estimates shift from year to year. Structural changes in the *DEPPS* model greatly complicate comparisons with other years' projections. The other possible sources of change—*DEPPS* data revisions, the defense budget, and broader economic assumptions—do not preclude comparisons, but isolating the effects of any single factor is a challenge. Ultimately, while comparisons between estimates are possible, they should be made taking the underlying reasons for the changes into account.

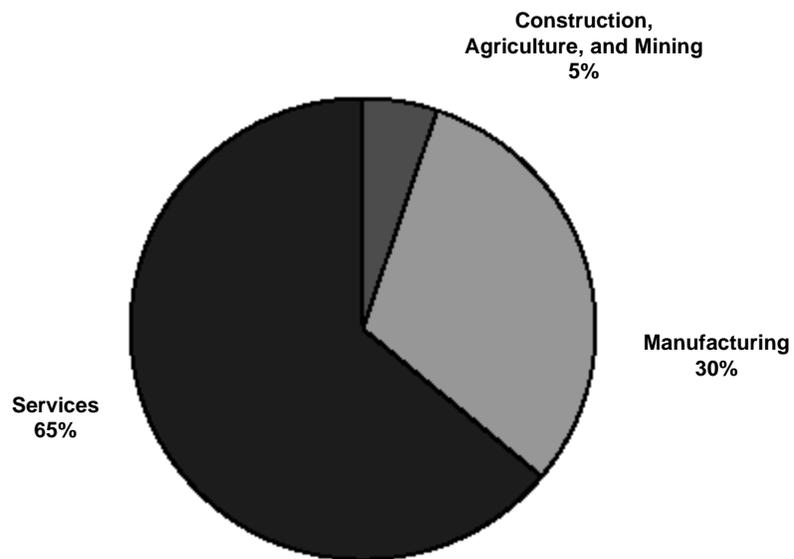
More specifically for 2004, the occupational definitions have changed for 2004 to reflect the most recent BLS occupational breakdowns. These new definitions better reflect the occupational makeup of the modern workforce. Unfortunately, the new definitions imply that comparisons of *LDEPPS* results (i.e., the occupational implications of defense spending) with previous years are not possible.

**Figure 1.**  
**Composition of Defense and Nondefense Purchases for 2005**

**Direct Defense Purchases**

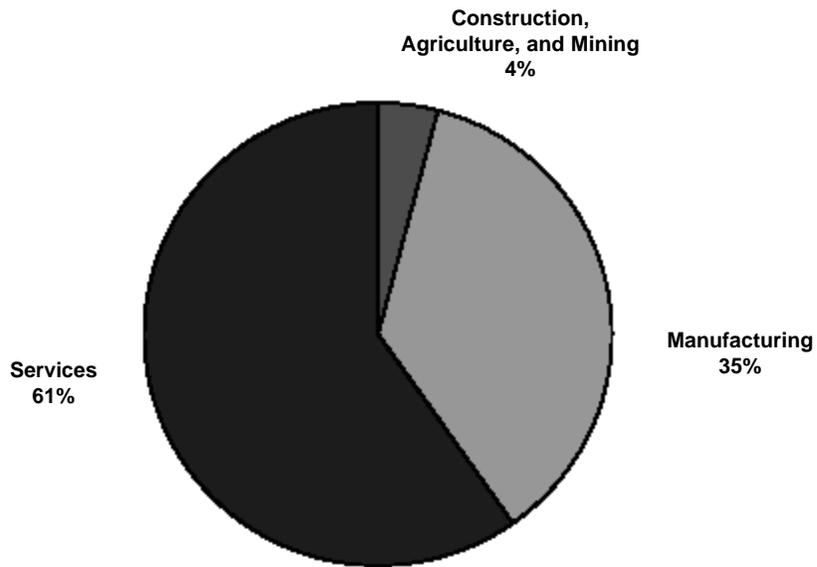


**Direct Nondefense Purchases**

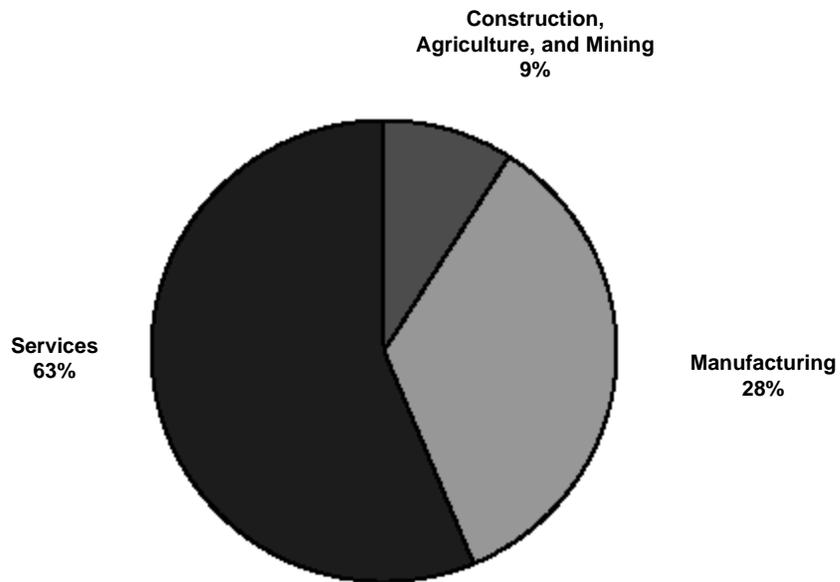


**Figure 2.**  
**Composition of Defense and Nondefense Purchases for 2005**

**Indirect Defense Purchases**

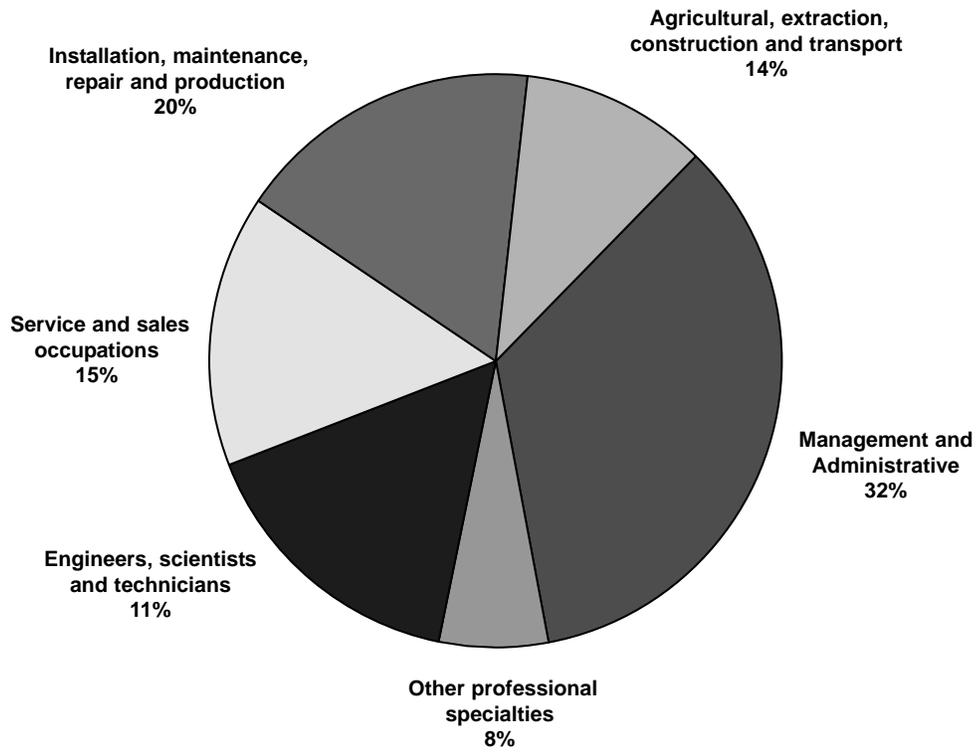


**Indirect Nondefense Purchases**

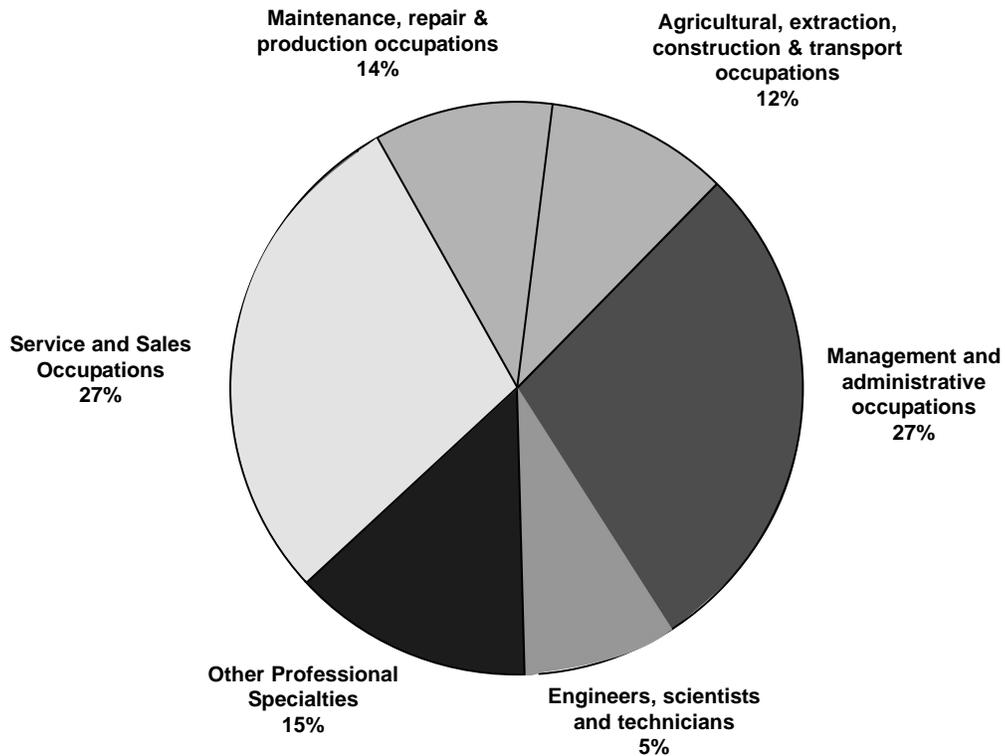


**Figure 3.**  
**Composition of Civilian Employment for 2005**

**Defense-Related Employment**



**Nondefense-Related Employment**



**Table 1.**  
**Estimated Defense Expenditures Per Capita, 2005**  
 (By State and Region, in 2005 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
<b>New England</b>	<b>14312</b>	<b>292</b>	<b>1527</b>	<b>1819</b>	<b>891</b>	<b>2710</b>
Connecticut	3497	217	1360	1577	743	2320
Maine	1316	680	1944	2625	963	3588
Massachusetts	6479	190	1497	1687	817	2504
New Hampshire	1311	254	1791	2044	1332	3376
Rhode Island	1082	731	842	1573	644	2217
Vermont	627	260	2520	2781	1842	4623
<b>Mid-Atlantic</b>	<b>40356</b>	<b>197</b>	<b>608</b>	<b>805</b>	<b>792</b>	<b>1597</b>
New Jersey	8727	249	711	960	819	1778
New York	19233	130	366	496	441	937
Pennsylvania	12396	264	910	1174	1319	2494
<b>South Atlantic</b>	<b>55511</b>	<b>988</b>	<b>1432</b>	<b>2420</b>	<b>907</b>	<b>3326</b>
Delaware	831	554	529	1083	792	1875
District of Columbia	566	5242	5891	11133	4605	15738
Florida	17467	553	876	1429	676	2105
Georgia	8912	830	1436	2265	746	3011
Maryland	5587	1052	2290	3342	1082	4424
North Carolina	8595	792	265	1058	520	1578
South Carolina	4220	800	678	1478	674	2152
Virginia	7520	2382	3815	6197	1851	8048
West Virginia	1813	210	540	750	737	1487
<b>East North Central</b>	<b>46132</b>	<b>212</b>	<b>441</b>	<b>652</b>	<b>649</b>	<b>1302</b>
Illinois	12742	244	306	551	610	1160
Indiana	6264	225	702	927	715	1642
Michigan	10114	131	319	450	515	964
Ohio	11479	285	573	858	786	1644
Wisconsin	5534	117	402	519	628	1147
<b>West North Central</b>	<b>19806</b>	<b>340</b>	<b>816</b>	<b>1156</b>	<b>665</b>	<b>1821</b>
Iowa	2960	137	443	579	508	1087
Kansas	2761	592	599	1191	763	1954
Minnesota	5131	127	697	823	702	1525
Missouri	5776	382	1301	1683	618	2301
Nebraska	1762	540	431	972	628	1600
North Dakota	640	836	1639	2476	1339	3814
South Dakota	777	453	383	836	557	1393
<b>East South Central</b>	<b>17614</b>	<b>559</b>	<b>1110</b>	<b>1668</b>	<b>1112</b>	<b>2780</b>
Alabama	4572	767	1616	2383	1057	3440
Kentucky	4159	654	996	1650	1731	3381
Mississippi	2918	716	1220	1936	1174	3110
Tennessee	5965	255	747	1003	692	1695
<b>West South Central</b>	<b>33568</b>	<b>545</b>	<b>751</b>	<b>1296</b>	<b>697</b>	<b>1994</b>
Arkansas	2774	382	487	869	748	1617
Louisiana	4540	443	696	1139	579	1718
Oklahoma	3559	960	705	1665	809	2474
Texas	22695	520	802	1322	697	2019

Source: RDEPPS calculations

**Table 1 (continued).**  
**Estimated Defense Expenditures Per Capita, 2005**  
 (By State and Region, in 2005 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct Purchases	Total
		Pay	Purchases	Total		
<b>Mountain</b>	<b>20018</b>	<b>587</b>	<b>1316</b>	<b>1904</b>	<b>796</b>	<b>2700</b>
Arizona	5771	479	1602	2082	525	2606
Colorado	4676	698	1379	2077	716	2793
Idaho	1417	366	1560	1926	1326	3252
Montana	938	451	339	789	525	1314
Nevada	2331	484	724	1208	645	1853
New Mexico	1934	795	2141	2936	1817	4753
Utah	2434	732	853	1584	723	2307
Wyoming	517	652	436	1088	796	1885
<b>Pacific</b>	<b>48186</b>	<b>589</b>	<b>962</b>	<b>1551</b>	<b>694</b>	<b>2245</b>
Alaska	667	2101	2330	4431	1624	6054
California	36291	451	989	1440	680	2120
Hawaii	1290	3010	1707	4717	1021	5738
Oregon	3647	217	276	492	548	1040
Washington	6292	940	909	1849	697	2547
<b>United States</b>	<b>295502</b>	<b>513</b>	<b>947</b>	<b>1460</b>	<b>780</b>	<b>2241</b>

Source: RDEPPS calculations

**Table 2a.**  
**Sources of Projected Direct Defense Purchases**  
**Department of Defense**  
(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Military Personnel	116,647	107,492	105,709	104,744	106,812	106,883
Operations & Maintenance	167,676	158,885	143,419	143,572	144,081	145,172
Procurement						
Aircraft	26,415	28,169	26,998	28,550	30,580	32,093
Missiles	4,539	4,572	4,920	5,199	5,481	6,013
Weapons and Tracked Vehicles	3,097	2,295	1,899	2,031	2,710	3,465
Ships and Conversions	11,072	12,365	12,439	12,239	14,534	15,264
Ammunition	386	340	221	218	228	244
Other	33,512	30,653	31,686	32,798	33,437	35,304
<b>Total Procurement</b>	<b>79,020</b>	<b>78,393</b>	<b>78,163</b>	<b>81,033</b>	<b>86,970</b>	<b>92,382</b>
RDT&E	62,940	66,984	68,268	67,984	67,002	65,786
Military Construction	6,219	6,002	6,280	7,852	9,223	9,312
Family Housing	3,975	4,019	4,130	4,228	4,223	4,196
Defense-Wide Contingency	-27	390	221	95	94	94
Revolving & Management Funds	4,490	2,799	1,521	1,315	1,323	1,764
Deductions, Intragovernment Receipts	-209	-196	-196	-195	-193	-191
<b>Total Direct Defense</b>	<b>439,649</b>	<b>423,727</b>	<b>406,518</b>	<b>409,685</b>	<b>418,610</b>	<b>424,471</b>

Source: IDEPPS calculations

Note: Numbers may not add to totals due to rounding.

**Table 2b.**  
**Sources of Projected Indirect Defense Purchases**  
**Department of Defense**  
(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Military Personnel	25,042	18,988	17,943	17,316	18,674	18,709
Operations & Maintenance + Revolving Funds *	99,169	91,862	77,406	77,274	77,768	79,250
Aircraft	24,926	26,760	25,698	27,291	29,458	31,156
Missiles	3,768	3,861	4,151	4,371	4,580	5,069
Weapons and Tracked Vehicles	3,636	2,660	2,135	2,294	3,176	4,154
Ships and Conversions	8,603	9,681	9,680	9,669	11,566	12,227
Ammunition	314	278	177	174	183	204
Other	33,056	30,378	31,451	32,754	33,598	35,689
Total Procurement	<u>74,303</u>	<u>73,617</u>	<u>73,292</u>	<u>76,553</u>	<u>82,561</u>	<u>88,498</u>
Research, Development, Test, Evaluation	60,286	65,106	66,993	67,349	67,079	66,442
Military Construction	2,185	2,111	2,234	2,920	3,509	3,485
Family Housing	1,988	2,043	2,107	2,155	2,162	2,180
<b>Total Indirect Defense Purchases</b>	<b><u>262,971</u></b>	<b><u>253,728</u></b>	<b><u>239,976</u></b>	<b><u>243,567</u></b>	<b><u>251,753</u></b>	<b><u>258,564</u></b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

Source: IDEPPS calculations

Note: Numbers may not add to totals 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. Table 3 presents estimates of total defense purchases from the 50 non-food/tobacco manufacturing industries leading in defense production in 2005. The estimates shown 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 tables present estimates of *direct* defense expenditures, first in the aggregate and then by 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 state shares of the underlying components of pay and purchases remain at recent levels.) The next two tables break out the 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 tables present estimates of *indirect* defense expenditures. Table 9 shows indirect expenditures arising from purchases made by the Department of Defense; Table 10 shows induced expenditures deriving from the wages and salaries of DoD personnel and from military retirement pay.

**Table 3.**  
**Projected Total (Direct + Indirect) Defense Purchases from 50 Non-Food Manufacturing Industries Leading in Defense Production in 2005**  
(Millions of 2005 dollars)

Ind #	Supplying Industry	2004	2005	2006	2007	2008	2009
235	Aircraft	14,129	15,150	15,139	15,148	14,269	13,968
237	Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.	14,125	14,696	14,945	16,002	17,312	18,080
236	Aircraft and Missile Engines, Propulsion Units and Parts	12,708	13,414	13,416	14,135	15,137	15,588
238	Shipbuilding and Repairing	8,098	8,891	9,426	8,706	9,832	9,965
222	Semiconductors and Related Devices	7,696	7,789	7,639	7,993	8,432	8,911
220	Radio and TV Broadcasting and Communication Equipment	7,074	6,864	6,765	6,833	6,933	7,062
246	Search and Navigation Equipment	6,509	6,450	5,936	6,422	6,580	6,795
223	Electronic Components, n.e.c.	6,493	6,367	6,139	6,306	6,635	6,946
21	Guided Missiles and Space Vehicles	5,513	6,026	6,819	7,378	7,597	8,319
110	Petroleum Refining, Except Fuel Oil	5,620	5,065	4,517	4,513	4,663	4,724
22	Ammunition, Except Small Arms	4,572	4,890	4,693	4,673	4,610	4,968
118	Miscellaneous Plastic Products	4,734	4,575	4,348	4,433	4,581	4,736
90	Commercial Printing	3,694	3,523	3,239	3,268	3,331	3,392
198	Electronic Computers	3,865	3,509	3,093	3,076	3,086	3,103
221	Electron Tubes	3,214	3,330	3,325	3,385	3,515	3,593
174	Industrial Trucks, Tractors, Trailers, and Stackers	3,441	3,092	3,064	3,060	3,009	3,059
219	Telephones, Switchboards, Modems, Faxes, Etc.	2,936	2,629	2,576	2,581	2,569	2,635
133	Steel Mills, Blast Furnaces, and Rolling and Finishing Mills	2,301	2,236	2,152	2,143	2,274	2,332
96	Industrial Organic Chemicals	2,140	2,028	1,906	1,923	1,977	2,018
142	Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire	1,637	1,657	1,629	1,677	1,748	1,804
61	Miscellaneous Fabricated Textile Products	2,454	1,558	1,385	1,365	1,467	1,515
163	Pipes, Valves, and Pipe Fittings	1,482	1,479	1,394	1,393	1,459	1,517
78	Paper Mills, Including Building Paper	1,523	1,441	1,320	1,324	1,343	1,360
111	Fuel Oil	1,643	1,427	1,267	1,246	1,290	1,296
199	Computer Peripheral Equipment	1,419	1,326	1,210	1,214	1,226	1,240
86	Newspaper Publishing and Printing	1,416	1,318	1,169	1,147	1,136	1,130
151	Fabricated Plate Work (Boiler Shops)	1,122	1,313	1,550	1,399	1,744	1,758
87	Periodical Publishing and Printing	1,386	1,285	1,181	1,192	1,220	1,249
102	Plastics Materials and Resins	1,344	1,276	1,210	1,231	1,272	1,307
250	Surgical Appliances and Supplies	1,550	1,264	1,158	1,126	1,156	1,148
233	Motor Vehicles and Passenger Car Bodies	1,597	1,238	994	1,113	1,348	1,702
59	Apparel	1,893	1,236	1,045	982	1,062	1,068
159	Metal Plating, Polishing, and Coating	1,235	1,233	1,200	1,242	1,309	1,370
123	Glass and Glass Products, n.e.c.	1,196	1,194	1,161	1,180	1,223	1,252
230	Electrical Machinery, Equipment and Supplies, n.e.c.	1,139	1,137	1,077	1,050	1,038	1,055
234	Motor Vehicle Parts and Accessories	1,362	1,107	935	979	1,081	1,227
95	Industrial Inorganic Chemicals	1,129	1,097	1,022	991	1,002	1,045

Source: IDEPPS Calculations

**Table 3 (continued).**  
**Projected Total (Direct + Indirect) Defense Purchases from 50 Non-Food Manufacturing Industries Leading in Defense Production in 2005**  
(Millions of 2005 dollars)

Ind #	Supplying Industry	2004	2005	2006	2007	2008	2009
197	Industrial and Commercial Machinery, n.e.c.	1,098	1,078	1,034	1,054	1,096	1,137
248	Measuring Devices and Environmental Controls	1,131	1,073	1,022	1,069	1,121	1,152
23	Tanks and Tank Components	1,190	1,030	1,013	986	1,013	1,111
141	Aluminum Rolling and Drawing Products	987	979	950	957	975	1,000
164	Fabricated Metal Products, n.e.c.	1,047	950	887	908	943	979
177	Special Dies, Jigs, Molds, and Cutting Tools	926	947	923	934	928	942
192	Mechanical Power Transmission Equipment	874	893	843	824	966	1,045
25	Small Arms Ammunition	688	892	875	914	939	973
153	Screw Machine Products, Bolts and Nuts	905	891	853	870	892	920
253	Laboratory and Optical Instruments	963	874	833	846	865	897
165	Steam, Gas, and Hydraulic Turbines	802	851	805	775	845	1,002
145	Nonferrous Castings and Forgings	799	847	852	897	957	997
26	Other Ordnance and Accessories	907	844	903	986	1,088	1,090

**Table 4.**  
**Projected Defense and Defense-Related Civilian Employment by Occupational Category**  
(Thousands of Workers)

Occupational Category	2004	2005	2006	2007	2008	2009
Management, financial, and business operations	557	537	507	504	505	503
Computer and mathematical science occupations	175	166	152	150	148	147
Architectural and engineering occupations	190	183	174	172	171	169
Life, physical and social science occupations	57	56	53	52	52	52
Healthcare practioners and technical occupations	119	113	102	100	100	99
Other professional specialties	183	176	163	160	158	157
Service occupations	431	404	371	368	369	368
Sales and related occupations	148	137	123	120	120	119
Office and administrative support occupations	712	666	608	592	585	575
Farming, fishing, and forestry occupations	21	20	18	17	17	18
Construction and extraction occupations	267	256	235	244	253	255
Installation, maintenance, and repair occupations	379	363	344	342	346	345
Production occupations	396	367	340	329	333	330
Transportation and material moving occupations	257	232	210	205	207	204
<b>Total All Categories:</b>	<b>3,892</b>	<b>3,675</b>	<b>3,399</b>	<b>3,354</b>	<b>3,363</b>	<b>3,339</b>

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Source: LDEPPS calculations

Note: Numbers may not add to totals due to rounding.

**Table 5.**  
**Projected Defense and Defense-Related Civilian Employment of Engineers and Scientists**  
(Thousands of Workers)

Occupational Category	2004	2005	2006	2007	2008	2009
<b>Computer and mathematical science occupations</b>						
Computer specialists	168.6	159.2	146.1	143.7	142.7	141.5
Mathematical science occupations	6.6	6.3	6.0	5.8	5.7	5.7
Total	175.2	165.5	152.1	149.6	148.4	147.2
<b>Architectural and engineering occupations</b>						
Architects, surveyors, and cartographers	5.5	5.2	4.8	4.8	4.7	4.7
Aerospace engineers	19.2	19.0	18.5	18.5	18.4	18.2
Chemical engineers	1.8	1.7	1.6	1.6	1.6	1.5
Civil engineers	10.2	9.9	9.5	9.5	9.4	9.4
Electrical and electronics engineers	36.7	35.2	33.3	32.8	32.5	32.2
Industrial engineers, incl health and safety	13.3	12.7	11.9	11.7	11.7	11.6
Mechanical engineers	18.1	17.5	16.7	16.5	16.4	16.3
Materials engineers	2.0	2.0	1.9	1.8	1.8	1.8
All other engineers	26.4	25.8	24.7	24.5	24.5	24.3
Drafters, engineering, and mapping technicians	56.9	54.2	50.8	49.9	49.4	48.9
Total	190.2	183.1	173.7	171.5	170.5	168.9
<b>Life, physical and social science occupations</b>						
Life scientists	9.7	9.4	8.9	8.8	8.7	8.7
Chemists and materials scientists	4.9	4.7	4.4	4.4	4.4	4.3
Environmental scientists and geoscientists	4.7	4.7	4.4	4.4	4.4	4.4
Astronomers, physicists, atmospheric & space scientists	3.2	3.2	3.1	3.1	3.0	3.0
All other physical scientists	2.5	2.5	2.4	2.4	2.4	2.4
Social scientists	16.5	16.0	15.0	14.8	14.7	14.6
Life, physical, and social science technicians	15.8	15.3	14.5	14.3	14.2	14.1
Total	57.5	55.8	52.8	52.2	51.8	51.5
<b>Total Computer, Engineers, and Scientists:</b>	<b>422.9</b>	<b>404.4</b>	<b>378.6</b>	<b>373.3</b>	<b>370.8</b>	<b>367.6</b>

Source: LDEPPS calculations

Note: Numbers may not add to totals due to rounding.

**Table 6.**  
**Projections of Total Direct Expenditures, by State**  
(Millions of 2005 dollars)

<b>State</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Alabama	10,890	10,893	10,678	10,735	10,853	10,919
Alaska	3,158	2,954	2,779	2,797	2,851	2,868
Arizona	12,198	12,013	11,501	11,675	11,873	12,093
Arkansas	2,560	2,410	2,279	2,303	2,355	2,367
California	53,140	52,261	50,726	51,247	52,242	52,923
Colorado	9,914	9,712	9,444	9,526	9,719	9,802
Connecticut	5,429	5,516	5,462	5,422	5,626	5,719
Delaware	949	900	857	861	873	879
District of Columbia	6,563	6,300	5,938	5,951	5,987	6,021
Florida	25,697	24,959	24,216	24,459	24,888	25,178
Georgia	20,283	20,189	19,933	20,058	20,254	20,278
Hawaii	6,362	6,086	5,817	5,827	5,897	5,926
Idaho	3,009	2,730	2,573	2,605	2,701	2,713
Illinois	7,463	7,014	6,674	6,711	6,853	6,936
Indiana	6,173	5,809	5,401	5,455	5,603	5,771
Iowa	1,787	1,715	1,682	1,718	1,767	1,811
Kansas	3,397	3,287	3,187	3,238	3,305	3,353
Kentucky	7,253	6,863	6,466	6,485	6,591	6,634
Louisiana	5,355	5,170	5,001	4,890	5,135	5,192
Maine	3,611	3,455	3,375	3,297	3,519	3,553
Maryland	19,503	18,672	17,695	17,759	17,970	18,144
Massachusetts	11,165	10,932	10,516	10,627	10,842	11,084
Michigan	5,000	4,546	4,307	4,349	4,543	4,718
Minnesota	4,358	4,225	4,028	4,054	4,138	4,188
Mississippi	5,711	5,648	5,505	5,394	5,743	5,815
Missouri	9,796	9,723	9,669	9,934	10,135	10,387
Montana	779	741	710	715	729	732
Nebraska	1,785	1,712	1,628	1,629	1,646	1,653
Nevada	3,006	2,815	2,666	2,696	2,767	2,784
New Hampshire	2,891	2,680	2,541	2,557	2,621	2,629
New Jersey	8,720	8,376	7,798	7,914	8,131	8,363
New Mexico	6,047	5,680	5,412	5,466	5,602	5,649
New York	9,894	9,547	8,994	9,128	9,364	9,571
North Carolina	9,504	9,091	8,842	8,867	8,976	9,020
North Dakota	1,713	1,583	1,498	1,514	1,558	1,570
Ohio	10,281	9,843	9,304	9,429	9,619	9,768
Oklahoma	6,150	5,926	5,731	5,791	5,891	5,964
Oregon	1,926	1,794	1,721	1,740	1,790	1,819
Pennsylvania	15,436	14,559	13,890	14,012	14,489	14,903
Rhode Island	1,759	1,702	1,621	1,632	1,653	1,671
South Carolina	6,546	6,238	5,982	6,019	6,107	6,174
South Dakota	696	649	618	619	629	632
Tennessee	6,471	5,981	5,671	5,683	5,783	5,807
Texas	31,028	30,012	28,990	29,518	30,314	30,996
Utah	3,977	3,856	3,720	3,752	3,819	3,873
Vermont	1,893	1,744	1,643	1,672	1,752	1,778
Virginia	48,014	46,602	43,994	43,966	44,524	44,903
Washington	12,020	11,635	11,309	11,331	11,484	11,538
West Virginia	1,476	1,360	1,289	1,301	1,342	1,349
Wisconsin	3,531	2,870	2,602	2,620	2,775	2,919
Wyoming	596	562	535	538	547	549
<b>U.S. Total</b>	<b>446,864</b>	<b>431,541</b>	<b>414,417</b>	<b>417,484</b>	<b>426,171</b>	<b>431,885</b>

Source: RDEPPS calculations

**Table 7.**  
**Projections of Total Direct Procurement and RDT&E Expenditures, by State**  
(Millions of 2005 dollars)

<b>State</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Alabama	5,252	5,496	5,561	5,590	5,658	5,702
Alaska	166	157	157	156	155	159
Arizona	4,658	4,842	4,892	5,080	5,230	5,403
Arkansas	140	145	146	147	151	154
California	20,600	21,449	21,721	22,144	22,720	23,214
Colorado	4,050	4,165	4,195	4,252	4,368	4,430
Connecticut	3,461	3,683	3,770	3,729	3,905	3,984
Delaware	96	90	90	92	94	97
District of Columbia	857	879	890	891	891	890
Florida	8,730	8,983	9,031	9,257	9,487	9,712
Georgia	9,180	9,653	9,810	9,917	9,978	9,965
Hawaii	349	355	359	355	361	362
Idaho	156	154	154	154	152	150
Illinois	1,618	1,579	1,559	1,591	1,646	1,704
Indiana	1,771	1,677	1,621	1,681	1,789	1,927
Iowa	1,018	992	993	1,026	1,062	1,102
Kansas	753	788	804	848	879	916
Kentucky	854	807	784	800	829	838
Louisiana	1,133	1,243	1,328	1,230	1,417	1,451
Maine	962	1,056	1,127	1,044	1,209	1,240
Maryland	5,688	5,810	5,854	5,931	6,029	6,120
Massachusetts	7,159	7,236	7,247	7,387	7,591	7,797
Michigan	1,538	1,395	1,354	1,374	1,493	1,646
Minnesota	2,058	2,105	2,100	2,118	2,157	2,192
Mississippi	1,891	2,058	2,181	2,052	2,335	2,391
Missouri	6,337	6,427	6,513	6,767	6,929	7,167
Montana	34	34	34	34	35	36
Nebraska	206	212	215	217	219	220
Nevada	218	222	217	222	229	234
New Hampshire	677	694	697	702	697	694
New Jersey	3,498	3,467	3,408	3,537	3,722	3,926
New Mexico	1,003	1,017	1,022	1,030	1,038	1,051
New York	4,350	4,363	4,271	4,419	4,618	4,790
North Carolina	638	608	619	651	674	692
North Dakota	43	41	39	40	42	45
Ohio	3,021	3,068	3,111	3,223	3,319	3,427
Oklahoma	885	902	906	944	987	1,037
Oregon	300	274	260	268	284	307
Pennsylvania	5,925	5,901	5,822	5,926	6,254	6,612
Rhode Island	389	399	395	406	416	426
South Carolina	965	918	933	972	1,005	1,038
South Dakota	50	46	45	46	46	47
Tennessee	1,101	1,166	1,187	1,187	1,190	1,191
Texas	10,545	10,688	10,673	11,153	11,675	12,288
Utah	999	1,023	1,028	1,047	1,081	1,118
Vermont	341	342	333	337	357	372
Virginia	12,050	12,519	12,760	12,762	13,138	13,316
Washington	3,117	3,232	3,271	3,287	3,336	3,359
West Virginia	128	134	135	136	136	137
Wisconsin	990	872	794	846	944	1,081
Wyoming	14	14	14	13	13	13
<b>U.S. Total</b>	<b>141,960</b>	<b>145,377</b>	<b>146,431</b>	<b>149,017</b>	<b>153,971</b>	<b>158,168</b>

Source: RDEPPS calculations

**Table 8.**  
**Projections of Total Direct Expenditures Excluding Procurement and RDT&E, by State**  
(Millions of 2005 dollars)

<b>State</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Alabama	5,637	5,397	5,118	5,145	5,195	5,216
Alaska	2,992	2,796	2,622	2,641	2,695	2,709
Arizona	7,540	7,172	6,609	6,595	6,644	6,690
Arkansas	2,420	2,265	2,133	2,156	2,204	2,213
California	32,540	30,812	29,005	29,103	29,522	29,710
Colorado	5,865	5,547	5,249	5,274	5,351	5,372
Connecticut	1,968	1,833	1,692	1,693	1,721	1,735
Delaware	853	809	767	769	779	782
District of Columbia	5,706	5,421	5,049	5,060	5,096	5,131
Florida	16,967	15,976	15,185	15,202	15,401	15,465
Georgia	11,103	10,536	10,122	10,141	10,275	10,314
Hawaii	6,013	5,732	5,459	5,472	5,536	5,564
Idaho	2,853	2,576	2,419	2,451	2,549	2,563
Illinois	5,845	5,435	5,115	5,120	5,207	5,232
Indiana	4,402	4,132	3,780	3,774	3,814	3,844
Iowa	769	722	688	692	705	708
Kansas	2,644	2,499	2,383	2,389	2,426	2,436
Kentucky	6,400	6,056	5,681	5,685	5,762	5,796
Louisiana	4,222	3,927	3,673	3,660	3,717	3,740
Maine	2,649	2,398	2,248	2,253	2,310	2,313
Maryland	13,815	12,862	11,841	11,828	11,941	12,024
Massachusetts	4,007	3,696	3,270	3,241	3,251	3,287
Michigan	3,461	3,151	2,952	2,976	3,050	3,072
Minnesota	2,300	2,120	1,928	1,937	1,981	1,996
Mississippi	3,821	3,590	3,324	3,342	3,408	3,423
Missouri	3,459	3,296	3,157	3,167	3,207	3,220
Montana	745	706	676	681	693	696
Nebraska	1,579	1,500	1,413	1,413	1,427	1,433
Nevada	2,788	2,593	2,449	2,474	2,538	2,550
New Hampshire	2,214	1,986	1,844	1,855	1,924	1,935
New Jersey	5,222	4,909	4,390	4,377	4,409	4,437
New Mexico	5,044	4,662	4,391	4,436	4,564	4,598
New York	5,544	5,184	4,723	4,709	4,746	4,782
North Carolina	8,866	8,482	8,223	8,216	8,303	8,329
North Dakota	1,670	1,542	1,458	1,474	1,516	1,525
Ohio	7,260	6,775	6,192	6,206	6,300	6,341
Oklahoma	5,265	5,024	4,825	4,846	4,904	4,928
Oregon	1,626	1,521	1,460	1,472	1,506	1,512
Pennsylvania	9,510	8,658	8,068	8,086	8,235	8,291
Rhode Island	1,370	1,303	1,226	1,226	1,236	1,245
South Carolina	5,581	5,320	5,049	5,047	5,102	5,135
South Dakota	646	603	572	573	583	585
Tennessee	5,370	4,815	4,484	4,496	4,593	4,616
Texas	20,483	19,325	18,317	18,365	18,638	18,708
Utah	2,978	2,833	2,692	2,705	2,738	2,755
Vermont	1,553	1,403	1,311	1,336	1,395	1,406
Virginia	35,964	34,083	31,233	31,203	31,387	31,587
Washington	8,903	8,403	8,039	8,044	8,148	8,180
West Virginia	1,348	1,226	1,153	1,164	1,205	1,211
Wisconsin	2,541	1,998	1,808	1,775	1,830	1,839
Wyoming	582	549	521	524	534	535
<b>U.S. Total</b>	<b>304,904</b>	<b>286,164</b>	<b>267,986</b>	<b>268,467</b>	<b>272,200</b>	<b>273,716</b>

Source: RDEPPS calculations

**Table 9.**  
**Projections of Indirect Defense Purchases Resulting from Direct Purchases, by State**  
(Millions of 2005 dollars)

<b>State</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Alabama	4,922	4,831	4,670	4,742	4,881	4,977
Alaska	1,125	1,083	991	996	1,029	1,057
Arizona	3,094	3,028	2,872	2,935	3,048	3,151
Arkansas	2,159	2,075	1,954	1,980	2,047	2,098
California	25,363	24,675	23,441	23,832	24,644	25,334
Colorado	3,465	3,349	3,165	3,213	3,323	3,407
Connecticut	2,648	2,598	2,479	2,530	2,629	2,715
Delaware	693	658	612	617	635	647
District of Columbia	2,691	2,606	2,416	2,438	2,486	2,529
Florida	12,182	11,804	11,334	11,564	11,952	12,244
Georgia	6,966	6,646	6,231	6,314	6,530	6,700
Hawaii	1,371	1,317	1,213	1,227	1,263	1,297
Idaho	1,954	1,879	1,771	1,792	1,849	1,889
Illinois	8,061	7,771	7,337	7,437	7,694	7,898
Indiana	4,609	4,477	4,258	4,333	4,506	4,648
Iowa	1,559	1,503	1,419	1,438	1,487	1,527
Kansas	2,155	2,107	1,998	2,037	2,119	2,184
Kentucky	7,501	7,198	7,155	7,337	7,522	7,575
Louisiana	2,778	2,629	2,458	2,482	2,571	2,626
Maine	1,318	1,268	1,200	1,218	1,259	1,289
Maryland	6,278	6,043	5,652	5,722	5,887	6,037
Massachusetts	5,396	5,290	5,129	5,223	5,386	5,520
Michigan	5,403	5,207	4,924	4,992	5,175	5,326
Minnesota	3,715	3,601	3,412	3,460	3,572	3,662
Mississippi	3,544	3,427	3,281	3,346	3,451	3,527
Missouri	3,687	3,568	3,380	3,436	3,561	3,662
Montana	515	493	460	465	481	491
Nebraska	1,151	1,107	1,037	1,050	1,084	1,110
Nevada	1,562	1,504	1,413	1,432	1,482	1,519
New Hampshire	1,802	1,746	1,651	1,674	1,731	1,779
New Jersey	7,372	7,143	6,637	6,723	6,980	7,248
New Mexico	3,642	3,514	3,310	3,348	3,447	3,519
New York	8,792	8,476	7,982	8,079	8,338	8,558
North Carolina	4,747	4,470	4,196	4,248	4,403	4,522
North Dakota	887	856	802	808	832	849
Ohio	9,299	9,024	8,541	8,660	8,969	9,229
Oklahoma	2,988	2,880	2,691	2,731	2,836	2,935
Oregon	2,057	1,997	1,896	1,930	2,002	2,060
Pennsylvania	16,945	16,354	15,513	15,749	16,267	16,672
Rhode Island	726	697	651	659	680	697
South Carolina	3,016	2,843	2,645	2,677	2,771	2,846
South Dakota	450	433	406	411	424	434
Tennessee	4,276	4,127	3,911	3,961	4,085	4,181
Texas	16,364	15,816	14,898	15,124	15,680	16,149
Utah	1,819	1,759	1,656	1,684	1,749	1,805
Vermont	1,200	1,156	1,088	1,102	1,137	1,163
Virginia	14,287	13,922	12,891	13,066	13,436	13,820
Washington	4,465	4,388	4,211	4,306	4,473	4,604
West Virginia	1,391	1,337	1,262	1,276	1,316	1,344
Wisconsin	3,610	3,476	3,286	3,336	3,459	3,564
Wyoming	435	412	382	385	397	402
<b>U.S. Total</b>	<b>238,436</b>	<b>230,566</b>	<b>218,171</b>	<b>221,522</b>	<b>228,965</b>	<b>235,026</b>

Source: RDEPPS calculations

**Table 10.**  
**Projections of Induced Defense Purchases Resulting from Direct Pay, by State**  
(Millions of 2005 dollars)

<b>State</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Alabama	2,106	2,042	2,035	2,031	2,039	2,036
Alaska	673	652	650	648	651	650
Arizona	1,660	1,609	1,604	1,602	1,609	1,608
Arkansas	916	885	880	876	878	875
California	11,187	10,846	10,816	10,802	10,856	10,845
Colorado	1,923	1,865	1,860	1,856	1,865	1,861
Connecticut	737	714	711	710	712	712
Delaware	331	320	319	318	319	318
District of Columbia	1,215	1,178	1,175	1,173	1,178	1,177
Florida	5,615	5,448	5,435	5,429	5,457	5,453
Georgia	4,390	4,255	4,242	4,234	4,252	4,246
Hawaii	1,730	1,678	1,673	1,671	1,679	1,676
Idaho	388	375	373	372	373	371
Illinois	2,862	2,771	2,758	2,749	2,757	2,749
Indiana	1,510	1,462	1,451	1,447	1,450	1,448
Iowa	604	584	579	576	576	573
Kansas	1,169	1,132	1,125	1,121	1,124	1,121
Kentucky	1,781	1,725	1,719	1,715	1,721	1,717
Louisiana	1,384	1,338	1,331	1,326	1,330	1,326
Maine	542	525	523	522	524	524
Maryland	2,863	2,776	2,767	2,762	2,774	2,770
Massachusetts	1,201	1,166	1,163	1,161	1,167	1,165
Michigan	2,035	1,971	1,952	1,947	1,948	1,945
Minnesota	934	904	899	895	897	894
Mississippi	1,338	1,296	1,248	1,245	1,250	1,248
Missouri	1,775	1,720	1,711	1,707	1,713	1,709
Montana	253	245	244	243	244	243
Nebraska	670	648	644	641	642	639
Nevada	651	632	631	630	634	633
New Hampshire	289	280	279	279	280	280
New Jersey	1,958	1,899	1,892	1,888	1,896	1,892
New Mexico	797	773	770	769	772	771
New York	2,913	2,827	2,820	2,818	2,834	2,832
North Carolina	4,349	4,212	4,194	4,184	4,200	4,192
North Dakota	297	287	286	285	286	285
Ohio	2,798	2,710	2,694	2,687	2,695	2,689
Oklahoma	1,809	1,753	1,745	1,741	1,748	1,744
Oregon	719	696	693	691	694	692
Pennsylvania	2,904	2,812	2,798	2,791	2,801	2,794
Rhode Island	449	436	434	434	437	436
South Carolina	2,022	1,961	1,954	1,951	1,961	1,959
South Dakota	244	236	235	234	235	235
Tennessee	1,553	1,505	1,499	1,496	1,502	1,500
Texas	7,681	7,439	7,410	7,394	7,424	7,409
Utah	981	951	948	946	950	949
Vermont	148	144	143	142	143	143
Virginia	8,483	8,225	8,196	8,179	8,214	8,199
Washington	3,306	3,205	3,191	3,185	3,197	3,192
West Virginia	299	290	288	287	289	288
Wisconsin	1,055	1,020	1,014	1,010	1,012	1,009
Wyoming	189	183	182	181	182	181
<b>U.S. Total</b>	<b>99,687</b>	<b>96,604</b>	<b>96,180</b>	<b>95,984</b>	<b>96,373</b>	<b>96,199</b>

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 projected to lead in defense production in calendar year 2005. 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 2004 to 2009. The lower portion shows the indirect defense purchases estimated to result from DoD purchases from each of eleven industrial groupings.

Although *IDEPPS*, the detailed interindustry model, forecasts defense demands by 320 industries, only 50 are presented in this section. These industries are grouped into 97 sectors in the state-level tables presented in Section III. Thus, industrial sector 51, "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 Standard Industrial Classification (SIC) codes.)

In addition, tables showing sources of defense purchases are provided for the 10 industries leading in defense production in 2005.

**Projected Defense Purchases of  
Aircraft**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	14,046	15,064	15,052	15,055	14,169	13,863
Indirect Purchases	83	86	87	93	100	104
<b>Total:</b>	<b>14,129</b>	<b>15,150</b>	<b>15,139</b>	<b>15,148</b>	<b>14,269</b>	<b>13,968</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	3	4	4	4	4	4
Aircraft Parts	63	65	66	71	77	81
Ammunition	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0
Missiles	4	4	5	5	5	6
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	13	13	13	13	14	14
<b>Total:</b>	<b>83</b>	<b>86</b>	<b>87</b>	<b>93</b>	<b>100</b>	<b>104</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Aircraft**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	1	0	0	0	1	1
Operations & Maintenance <sup>a</sup>	51	47	40	39	39	40
Procurement						
Aircraft	9,174	9,969	9,896	9,902	9,036	8,811
Missiles	11	11	10	10	11	12
Weapons and Tracked Vehicles	46	54	63	71	69	65
Shipbuilding	13	16	18	17	22	24
Ammunition	0	0	0	0	0	0
Other	210	180	166	168	165	163
Total Procurement	9,456	10,229	10,154	10,169	9,303	9,075
26 RDT&E	4,608	4,860	4,934	4,930	4,915	4,842
Military Construction	12	11	9	8	8	9
Family Housing	2	2	2	2	2	2
<b>Total:</b>	<b>14,129</b>	<b>15,150</b>	<b>15,139</b>	<b>15,148</b>	<b>14,269</b>	<b>13,968</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11,058	11,423	11,524	12,367	13,472	14,049
Indirect Purchases	3,067	3,273	3,422	3,635	3,839	4,030
<b>Total:</b>	<b>14,125</b>	<b>14,696</b>	<b>14,945</b>	<b>16,002</b>	<b>17,312</b>	<b>18,080</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	693	746	750	799	869	901
Aircraft Parts	595	604	614	658	715	759
Ammunition	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	3
Missiles	730	824	950	1,038	1,069	1,174
Motor Vehicles	1	0	0	0	1	1
Shipbuilding	0	0	1	0	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	2
Other Ordinances	0	0	0	0	0	0
Other	1,044	1,094	1,101	1,134	1,180	1,190
<b>Total:</b>	<b>3,067</b>	<b>3,273</b>	<b>3,422</b>	<b>3,635</b>	<b>3,839</b>	<b>4,030</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	54	45	44	44	48	49
Operations & Maintenance <sup>a</sup>	864	770	642	634	640	658
Procurement						
Aircraft	5,421	5,802	5,706	6,569	7,820	8,336
Missiles	661	671	711	742	776	864
Weapons and Tracked Vehicles	199	232	271	307	298	284
Shipbuilding	33	39	44	41	55	59
Ammunition	4	4	3	3	4	4
Other	3,366	3,335	3,620	3,791	3,929	4,224
Total Procurement	9,685	10,083	10,356	11,454	12,882	13,771
RDT&E	3,457	3,732	3,835	3,799	3,671	3,534
Military Construction	17	17	15	14	15	16
Family Housing	49	50	53	57	56	52
<b>Total:</b>	<b>14,125</b>	<b>14,696</b>	<b>14,945</b>	<b>16,002</b>	<b>17,312</b>	<b>18,080</b>

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<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Aircraft and Missile Engines, Propulsion Units, and Parts**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8,600	9,101	9,048	9,546	10,278	10,569
Indirect Purchases	4,109	4,313	4,368	4,589	4,859	5,020
<b>Total:</b>	<b>12,708</b>	<b>13,414</b>	<b>13,416</b>	<b>14,135</b>	<b>15,137</b>	<b>15,588</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	1,563	1,671	1,673	1,773	1,917	1,978
Aircraft Parts	125	132	136	148	163	172
Ammunition	4	5	4	5	5	5
Communication Equipment	11	11	11	12	12	13
Missiles	355	406	472	519	538	593
Motor Vehicles	3	2	2	2	2	3
Shipbuilding	2	2	3	2	3	3
Tanks	1	1	1	1	1	1
Other Electronic Equipment	6	7	7	7	8	8
Other Ordinances	1	1	1	1	1	1
Other	2,037	2,075	2,059	2,119	2,210	2,243
<b>Total:</b>	<b>4,109</b>	<b>4,313</b>	<b>4,368</b>	<b>4,589</b>	<b>4,859</b>	<b>5,020</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Aircraft and Missile Engines, Propulsion Units, and Parts**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	216	184	183	184	199	202
Operations & Maintenance <sup>a</sup>	699	621	513	518	532	544
Procurement						
Aircraft	3,813	4,195	4,120	4,697	5,479	5,800
Missiles	199	194	197	208	215	239
Weapons and Tracked Vehicles	16	17	18	22	23	25
Shipbuilding	16	20	21	21	27	29
Ammunition	1	1	1	1	1	1
Other	338	384	455	500	525	605
Total Procurement	4,384	4,810	4,813	5,448	6,270	6,699
RDT&E	7,393	7,782	7,890	7,967	8,118	8,126
Military Construction	6	6	6	6	7	7
Family Housing	10	10	11	11	11	10
<b>Total:</b>	<b>12,708</b>	<b>13,414</b>	<b>13,416</b>	<b>14,135</b>	<b>15,137</b>	<b>15,588</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Shipbuilding and Repairing**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8,010	8,810	9,352	8,635	9,758	9,890
Indirect Purchases	87	80	74	71	74	75
<b>Total:</b>	<b>8,098</b>	<b>8,891</b>	<b>9,426</b>	<b>8,706</b>	<b>9,832</b>	<b>9,965</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0
Missiles	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	18	20	21	20	22	23
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	69	60	52	50	51	52
<b>Total:</b>	<b>87</b>	<b>80</b>	<b>74</b>	<b>71</b>	<b>74</b>	<b>75</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Shipbuilding and Repairing**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	25	20	18	17	18	18
Operations & Maintenance <sup>a</sup>	614	578	502	489	479	491
Procurement						
Aircraft	105	107	98	98	116	136
Missiles	52	49	61	76	96	102
Weapons and Tracked Vehicles	29	21	15	17	27	38
Shipbuilding	6,036	6,775	7,339	6,669	7,887	8,079
Ammunition	1	1	0	1	1	1
Other	30	24	22	25	23	25
Total Procurement	6,253	6,977	7,536	6,884	8,150	8,380
RDT&E	1,204	1,315	1,368	1,314	1,182	1,072
Military Construction	2	2	2	2	2	2
Family Housing	0	0	0	0	0	0
<b>Total:</b>	<b>8,098</b>	<b>8,891</b>	<b>9,426</b>	<b>8,706</b>	<b>9,832</b>	<b>9,965</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Semiconductors and Related Devices**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	280	248	231	223	223	223
Indirect Purchases	7,416	7,541	7,408	7,769	8,209	8,688
<b>Total:</b>	<b>7,696</b>	<b>7,789</b>	<b>7,639</b>	<b>7,993</b>	<b>8,432</b>	<b>8,911</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	46	51	53	59	66	71
Aircraft Parts	253	272	285	318	359	388
Ammunition	259	288	287	297	303	338
Communication Equipment	1,281	1,295	1,284	1,376	1,450	1,532
Missiles	77	89	106	119	127	144
Motor Vehicles	43	35	29	34	42	54
Shipbuilding	23	26	29	28	33	35
Tanks	2	2	2	2	2	2
Other Electronic Equipment	372	385	388	409	452	491
Other Ordinances	19	18	20	23	26	27
Other	5,041	5,078	4,924	5,105	5,349	5,606
<b>Total:</b>	<b>7,416</b>	<b>7,541</b>	<b>7,408</b>	<b>7,769</b>	<b>8,210</b>	<b>8,688</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Semiconductors and Related Devices**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	143	111	109	110	123	128
Operations & Maintenance <sup>a</sup>	2,357	2,261	1,932	1,981	2,050	2,167
Procurement						
Aircraft	705	769	741	807	928	1,039
Missiles	137	145	163	180	201	228
Weapons and Tracked Vehicles	48	38	35	40	52	64
Shipbuilding	159	181	156	191	237	267
Ammunition	5	5	4	4	4	5
Other	1,674	1,537	1,593	1,670	1,754	1,876
Total Procurement	2,728	2,675	2,692	2,891	3,175	3,479
RDT&E	2,404	2,675	2,836	2,932	2,996	3,048
Military Construction	28	28	28	34	42	42
Family Housing	37	39	41	44	46	47
<b>Total:</b>	<b>7,696</b>	<b>7,789</b>	<b>7,639</b>	<b>7,993</b>	<b>8,432</b>	<b>8,911</b>

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<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Radio and TV Broadcasting and Communication Equipment**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5,926	5,655	5,511	5,539	5,648	5,733
Indirect Purchases	1,148	1,209	1,254	1,294	1,284	1,329
<b>Total:</b>	<b>7,074</b>	<b>6,864</b>	<b>6,765</b>	<b>6,833</b>	<b>6,933</b>	<b>7,062</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	4	4	4	4	5	5
Ammunition	0	0	0	0	0	0
Communication Equipment	660	673	666	666	633	633
Missiles	284	322	371	406	419	460
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	11	12	13	12	14	14
Tanks	0	0	0	0	0	0
Other Electronic Equipment	4	4	4	4	5	5
Other Ordinances	0	0	0	0	0	0
Other	183	193	194	200	208	210
<b>Total:</b>	<b>1,148</b>	<b>1,209</b>	<b>1,254</b>	<b>1,294</b>	<b>1,284</b>	<b>1,329</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Radio and TV Broadcasting and Communication Equipment**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	4	4	3	3	3	3
Operations & Maintenance <sup>a</sup>	1,008	939	816	799	793	822
Procurement						
Aircraft	810	859	829	859	905	965
Missiles	246	237	273	321	388	417
Weapons and Tracked Vehicles	4	3	3	4	4	5
Shipbuilding	26	30	31	30	38	41
Ammunition	2	2	2	2	2	3
Other	2,590	2,261	2,237	2,248	2,256	2,310
Total Procurement	3,679	3,392	3,374	3,464	3,593	3,739
RDT&E	2,334	2,481	2,527	2,522	2,496	2,450
Military Construction	34	33	28	27	29	30
Family Housing	15	15	16	17	18	18
<b>Total:</b>	<b>7,074</b>	<b>6,864</b>	<b>6,765</b>	<b>6,833</b>	<b>6,933</b>	<b>7,062</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Search and Navigation Equipment**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,372	6,306	5,792	6,274	6,426	6,639
Indirect Purchases	137	143	144	148	154	156
<b>Total:</b>	<b>6,509</b>	<b>6,450</b>	<b>5,936</b>	<b>6,422</b>	<b>6,580</b>	<b>6,795</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	15	16	16	17	19	19
Aircraft Parts	1	1	1	1	2	2
Ammunition	0	0	0	0	0	0
Communication Equipment	11	11	10	11	12	12
Missiles	4	5	6	6	6	7
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	7	8	8	8	9	9
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	97	101	102	104	107	107
<b>Total:</b>	<b>137</b>	<b>143</b>	<b>144</b>	<b>148</b>	<b>154</b>	<b>156</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Search and Navigation Equipment**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	5	4	4	4	4	4
Operations & Maintenance <sup>a</sup>	372	347	303	297	293	300
Procurement						
Aircraft	949	971	909	938	1,090	1,190
Missiles	267	266	293	318	355	392
Weapons and Tracked Vehicles	64	71	88	95	92	83
Shipbuilding	806	790	288	707	724	847
Ammunition	2	2	2	2	2	2
Other	1,763	1,569	1,569	1,609	1,639	1,677
Total Procurement	3,850	3,669	3,148	3,669	3,902	4,191
RDT&E	2,248	2,396	2,450	2,422	2,351	2,270
Military Construction	19	19	15	14	14	15
Family Housing	14	15	16	17	16	15
<b>Total:</b>	<b>6,509</b>	<b>6,450</b>	<b>5,936</b>	<b>6,422</b>	<b>6,580</b>	<b>6,795</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Electronic Components, n.e.c.**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,083	2,038	1,950	1,995	2,198	2,353
Indirect Purchases	4,410	4,328	4,189	4,311	4,437	4,592
<b>Total:</b>	<b>6,493</b>	<b>6,367</b>	<b>6,139</b>	<b>6,306</b>	<b>6,635</b>	<b>6,946</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	30	32	32	34	37	39
Aircraft Parts	241	250	253	273	300	314
Ammunition	101	109	106	106	106	115
Communication Equipment	1,412	1,384	1,323	1,379	1,411	1,450
Missiles	148	166	190	207	214	234
Motor Vehicles	8	7	5	6	7	9
Shipbuilding	7	8	9	8	9	10
Tanks	1	1	1	1	0	0
Other Electronic Equipment	382	385	377	386	413	433
Other Ordinances	2	2	2	2	3	3
Other	2,078	1,986	1,892	1,908	1,937	1,985
<b>Total:</b>	<b>4,410</b>	<b>4,328</b>	<b>4,189</b>	<b>4,311</b>	<b>4,437</b>	<b>4,592</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Electronic Components, n.e.c.**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	56	42	40	39	42	43
Operations & Maintenance <sup>a</sup>	1,051	978	823	815	818	851
Procurement						
Aircraft	959	1,010	890	924	1,102	1,241
Missiles	286	303	314	332	366	412
Weapons and Tracked Vehicles	78	42	36	39	42	39
Shipbuilding	220	245	213	244	300	330
Ammunition	26	24	20	18	19	20
Other	1,806	1,582	1,616	1,692	1,731	1,807
Total Procurement	3,376	3,206	3,089	3,249	3,559	3,849
RDT&E	1,969	2,100	2,145	2,159	2,170	2,159
Military Construction	14	14	13	14	16	16
Family Housing	27	27	28	29	30	29
<b>Total:</b>	<b>6,493</b>	<b>6,367</b>	<b>6,139</b>	<b>6,306</b>	<b>6,635</b>	<b>6,946</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Guided Missiles and Space Vehicles**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5,340	5,834	6,602	7,143	7,355	8,057
Indirect Purchases	174	192	217	235	242	263
<b>Total:</b>	<b>5,513</b>	<b>6,026</b>	<b>6,819</b>	<b>7,378</b>	<b>7,597</b>	<b>8,319</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	21	22	22	23	25	27
Ammunition	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0
Missiles	150	168	192	208	213	233
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	2	2	2	2	2	2
<b>Total:</b>	<b>174</b>	<b>192</b>	<b>217</b>	<b>235</b>	<b>242</b>	<b>263</b>

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Guided Missiles and Space Vehicles**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009	
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	0	0	0	0	0	0	0
Operations & Maintenance <sup>a</sup>	43	39	29	29	28	30	
Procurement							
Aircraft	43	46	41	42	51	55	
Missiles	1,522	1,481	1,561	1,708	1,894	2,086	
Weapons and Tracked Vehicles	5	4	5	13	17	24	
Shipbuilding	72	86	97	90	119	127	
Ammunition	14	12	10	10	11	12	
Other	1,609	2,024	2,704	3,119	3,124	3,674	
Total Procurement	3,264	3,653	4,419	4,981	5,216	5,978	
RDT&E	2,204	2,332	2,368	2,365	2,351	2,309	
Military Construction	0	0	0	0	0	1	
Family Housing	2	2	2	2	2	2	
<b>Total:</b>	<b>5,513</b>	<b>6,026</b>	<b>6,819</b>	<b>7,378</b>	<b>7,597</b>	<b>8,319</b>	

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Petroleum Refining, Except Fuel Oil**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009	
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	367	214	31	12	18	17	
Indirect Purchases	5,253	4,850	4,486	4,502	4,646	4,707	
<b>Total:</b>	<b>4,589</b>	<b>4,515</b>	<b>4,536</b>	<b>4,468</b>	<b>4,527</b>	<b>4,733</b>	<b>4,827</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	80	85	86	91	99	102	
Aircraft Parts	90	93	94	101	111	116	
Ammunition	62	69	66	66	66	71	
Communication Equipment	105	103	99	104	106	109	
Missiles	18	21	24	27	28	30	
Motor Vehicles	33	25	20	22	26	32	
Shipbuilding	58	64	68	62	71	71	
Tanks	9	9	8	9	8	7	
Other Electronic Equipment	77	78	77	78	83	86	
Other Ordinances	6	5	5	5	6	6	
Other	4,715	4,298	3,939	3,936	4,043	4,076	
<b>Total:</b>	<b>5,253</b>	<b>4,850</b>	<b>4,486</b>	<b>4,502</b>	<b>4,646</b>	<b>4,707</b>	

*Note: Numbers may not add to totals due to rounding.*

**Sources of Projected Defense Purchases of  
Petroleum Refining, Except Fuel Oil**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	1,126	895	851	823	884	880
Operations & Maintenance <sup>a</sup>	2,951	2,574	2,058	2,044	2,066	2,083
Procurement						
Aircraft	310	331	313	328	354	375
Missiles	30	31	33	34	35	39
Weapons and Tracked Vehicles	35	25	20	22	30	39
Shipbuilding	93	106	109	106	128	135
Ammunition	3	3	2	2	2	2
Other	304	279	288	299	308	325
Total Procurement	776	775	766	791	856	914
RDT&E	702	756	776	777	772	761
Military Construction	35	34	36	46	55	55
Family Housing	30	30	31	31	32	31
<b>Total:</b>	<b>5,620</b>	<b>5,065</b>	<b>4,517</b>	<b>4,513</b>	<b>4,663</b>	<b>4,724</b>

<sup>a</sup> Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trusts and Receipts; and Deductions, Intragovernment Receipts.

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Ammunition, Except Small Arms**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,310	4,610	4,425	4,406	4,346	4,684
Indirect Purchases	262	280	269	267	264	284
<b>Total:</b>	<b>4,572</b>	<b>4,890</b>	<b>4,693</b>	<b>4,673</b>	<b>4,610</b>	<b>4,968</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Ammunition	262	280	269	267	264	284
<b>Total:</b>	<b>262</b>	<b>280</b>	<b>269</b>	<b>267</b>	<b>264</b>	<b>284</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Miscellaneous Plastic Products**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	98	119	123	125	130	135
Indirect Purchases	4,636	4,456	4,225	4,308	4,451	4,601
<b>Total:</b>	<b>4,734</b>	<b>4,575</b>	<b>4,348</b>	<b>4,433</b>	<b>4,581</b>	<b>4,736</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	60	65	66	70	77	80
Aircraft Parts	100	104	106	115	127	134
Ammunition	66	75	73	74	75	81
Communication Equipment	277	275	265	279	289	299
Missiles	57	65	75	82	85	94
Motor Vehicles	105	82	66	73	87	108
Shipbuilding	35	39	42	39	44	45
Tanks	11	11	11	11	10	10
Other Electronic Equipment	449	448	435	448	490	524
Other Ordinances	4	3	3	4	4	4
Other	3,472	3,289	3,083	3,112	3,163	3,223
<b>Total:</b>	<b>4,636</b>	<b>4,456</b>	<b>4,225</b>	<b>4,308</b>	<b>4,451</b>	<b>4,601</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Commercial Printing**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	630	584	541	548	553	555
Indirect Purchases	3,064	2,939	2,698	2,720	2,777	2,837
<b>Total:</b>	<b>3,694</b>	<b>3,523</b>	<b>3,239</b>	<b>3,268</b>	<b>3,331</b>	<b>3,392</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	75	80	80	85	92	95
Aircraft Parts	75	77	78	84	92	96
Ammunition	55	60	57	57	57	61
Communication Equipment	120	117	112	117	119	122
Missiles	24	27	31	33	34	38
Motor Vehicles	23	18	14	16	18	23
Shipbuilding	26	29	30	28	32	32
Tanks	5	5	5	5	5	4
Other Electronic Equipment	33	33	33	33	36	37
Other Ordinances	5	4	4	4	4	4
Other	2,625	2,490	2,255	2,258	2,289	2,324
<b>Total:</b>	<b>3,064</b>	<b>2,939</b>	<b>2,698</b>	<b>2,720</b>	<b>2,777</b>	<b>2,837</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Electronic Computers**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,026	2,726	2,386	2,364	2,365	2,373
Indirect Purchases	839	783	707	712	720	730
<b>Total:</b>	<b>3,865</b>	<b>3,509</b>	<b>3,093</b>	<b>3,076</b>	<b>3,086</b>	<b>3,103</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	2	2	2	2	2	2
Aircraft Parts	2	2	2	2	3	3
Ammunition	1	1	1	1	1	1
Communication Equipment	105	103	97	102	105	108
Missiles	2	2	2	2	2	3
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	8	8	8	8	8	9
Other Ordinances	0	0	0	0	0	0
Other	720	664	594	593	597	603
<b>Total:</b>	<b>839</b>	<b>783</b>	<b>707</b>	<b>712</b>	<b>720</b>	<b>730</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Electron Tubes**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,000	3,120	3,123	3,177	3,299	3,368
Indirect Purchases	213	210	202	208	216	225
<b>Total:</b>	<b>3,214</b>	<b>3,330</b>	<b>3,325</b>	<b>3,385</b>	<b>3,515</b>	<b>3,593</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	2	2	2	2	2	2
Aircraft Parts	10	10	10	11	13	13
Ammunition	2	2	2	2	2	2
Communication Equipment	49	49	47	50	52	54
Missiles	4	4	5	5	5	6
Motor Vehicles	1	1	1	1	1	1
Shipbuilding	0	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	33	33	33	34	36	37
Other Ordinances	0	0	0	0	0	0
Other	113	108	100	102	105	108
<b>Total:</b>	<b>213</b>	<b>210</b>	<b>202</b>	<b>208</b>	<b>216</b>	<b>225</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Industrial Trucks, Tractors, Trailers, and Stackers**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,192	2,866	2,840	2,836	2,788	2,833
Indirect Purchases	250	227	223	224	222	226
<b>Total:</b>	<b>3,441</b>	<b>3,092</b>	<b>3,064</b>	<b>3,060</b>	<b>3,009</b>	<b>3,059</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1
Communication Equipment	1	1	1	1	1	1
Missiles	0	0	0	0	0	0
Motor Vehicles	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	243	220	217	217	214	218
<b>Total:</b>	<b>250</b>	<b>227</b>	<b>223</b>	<b>224</b>	<b>222</b>	<b>226</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Telephones, Switchboards, Modems, Faxes, Etc.**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,645	2,363	2,328	2,333	2,320	2,383
Indirect Purchases	291	266	247	248	249	252
<b>Total:</b>	<b>2,936</b>	<b>2,629</b>	<b>2,576</b>	<b>2,581</b>	<b>2,569</b>	<b>2,635</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	2	2	2	2	2
Aircraft Parts	2	2	2	2	3	3
Ammunition	1	1	1	1	1	1
Communication Equipment	3	3	3	3	3	3
Missiles	1	1	1	1	1	1
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	280	255	236	236	237	239
<b>Total:</b>	<b>291</b>	<b>266</b>	<b>247</b>	<b>248</b>	<b>249</b>	<b>252</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Steel Mills, Blast Furnaces, and Rolling and Finishing Mills**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	139	129	118	136	165	181
Indirect Purchases	2,163	2,107	2,034	2,007	2,109	2,151
<b>Total:</b>	<b>2,301</b>	<b>2,236</b>	<b>2,152</b>	<b>2,143</b>	<b>2,274</b>	<b>2,332</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	81	85	84	87	93	95
Aircraft Parts	87	89	88	93	100	103
Ammunition	116	124	117	116	113	120
Communication Equipment	149	145	133	140	142	144
Missiles	12	13	15	16	16	18
Motor Vehicles	102	77	61	66	76	90
Shipbuilding	318	344	360	328	366	366
Tanks	26	25	24	24	22	21
Other Electronic Equipment	51	51	50	50	52	54
Other Ordinances	20	16	15	16	17	17
Other	1,200	1,139	1,086	1,071	1,112	1,125
<b>Total:</b>	<b>2,163</b>	<b>2,107</b>	<b>2,034</b>	<b>2,008</b>	<b>2,109</b>	<b>2,151</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Industrial Organic Chemicals**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	35	32	27	28	29	29
Indirect Purchases	2,105	1,996	1,878	1,895	1,948	1,989
<b>Total:</b>	<b>2,140</b>	<b>2,028</b>	<b>1,906</b>	<b>1,923</b>	<b>1,977</b>	<b>2,018</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	42	45	45	48	51	53
Aircraft Parts	69	71	72	77	83	87
Ammunition	33	37	36	36	36	38
Communication Equipment	109	108	104	110	113	118
Missiles	16	18	20	22	23	25
Motor Vehicles	36	28	22	24	28	35
Shipbuilding	31	34	36	33	37	37
Tanks	8	7	7	7	6	6
Other Electronic Equipment	137	137	133	135	142	148
Other Ordinances	3	2	2	3	3	3
Other	1,622	1,509	1,401	1,402	1,424	1,440
<b>Total:</b>	<b>2,105</b>	<b>1,996</b>	<b>1,879</b>	<b>1,895</b>	<b>1,948</b>	<b>1,989</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	42	37	34	33	34	34
Indirect Purchases	1,595	1,620	1,595	1,644	1,714	1,770
<b>Total:</b>	<b>1,637</b>	<b>1,657</b>	<b>1,629</b>	<b>1,677</b>	<b>1,748</b>	<b>1,804</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	345	369	369	391	423	437
Aircraft Parts	110	114	116	125	137	144
Ammunition	18	20	20	20	20	22
Communication Equipment	126	125	120	127	131	136
Missiles	19	22	26	29	31	35
Motor Vehicles	6	5	4	4	5	7
Shipbuilding	30	33	35	33	37	38
Tanks	47	45	45	46	42	41
Other Electronic Equipment	123	124	123	125	132	138
Other Ordinances	2	1	1	2	2	2
Other	770	760	735	742	753	773
<b>Total:</b>	<b>1,595</b>	<b>1,620</b>	<b>1,595</b>	<b>1,644</b>	<b>1,714</b>	<b>1,770</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Miscellaneous Fabricated Textile Products**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,073	1,238	1,090	1,068	1,155	1,187
Indirect Purchases	381	320	295	297	312	328
<b>Total:</b>	<b>2,454</b>	<b>1,558</b>	<b>1,385</b>	<b>1,365</b>	<b>1,467</b>	<b>1,515</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	1	2	2	2	2	2
Ammunition	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2
Missiles	0	0	0	1	1	1
Motor Vehicles	60	47	38	43	53	67
Shipbuilding	20	22	24	22	25	26
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	294	243	226	223	226	227
<b>Total:</b>	<b>381</b>	<b>320</b>	<b>295</b>	<b>297</b>	<b>312</b>	<b>328</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Pipes, Valves, and Pipe Fittings**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	494	495	430	438	459	493
Indirect Purchases	988	984	964	956	1,000	1,024
<b>Total:</b>	<b>1,482</b>	<b>1,479</b>	<b>1,394</b>	<b>1,393</b>	<b>1,459</b>	<b>1,517</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	8	9	9	10	11	11
Aircraft Parts	29	30	31	33	36	38
Ammunition	4	5	5	5	5	5
Communication Equipment	10	10	9	10	10	10
Missiles	3	4	4	5	5	5
Motor Vehicles	7	6	5	5	6	7
Shipbuilding	172	191	204	190	216	220
Tanks	1	1	1	1	1	1
Other Electronic Equipment	8	8	8	8	8	9
Other Ordinances	1	1	1	1	1	1
Other	745	721	688	690	703	717
<b>Total:</b>	<b>988</b>	<b>984</b>	<b>964</b>	<b>956</b>	<b>1,000</b>	<b>1,024</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Paper Mills, Including Building Paper**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	6	5	5	6	6
Indirect Purchases	1,515	1,435	1,315	1,319	1,337	1,355
<b>Total:</b>	<b>1,523</b>	<b>1,441</b>	<b>1,320</b>	<b>1,324</b>	<b>1,343</b>	<b>1,360</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	31	33	32	34	37	37
Aircraft Parts	31	32	32	34	37	38
Ammunition	22	24	23	23	23	24
Communication Equipment	50	49	46	48	49	50
Missiles	10	11	13	14	14	15
Motor Vehicles	10	7	6	6	7	9
Shipbuilding	12	13	14	12	14	14
Tanks	2	2	2	2	2	2
Other Electronic Equipment	16	16	16	16	17	18
Other Ordinances	2	2	2	2	2	2
Other	1,329	1,246	1,130	1,128	1,137	1,146
<b>Total:</b>	<b>1,515</b>	<b>1,435</b>	<b>1,315</b>	<b>1,319</b>	<b>1,337</b>	<b>1,355</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Fuel Oil**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	65	38	5	1	2	2
Indirect Purchases	1,577	1,389	1,262	1,244	1,288	1,294
<b>Total:</b>	<b>1,643</b>	<b>1,427</b>	<b>1,267</b>	<b>1,246</b>	<b>1,290</b>	<b>1,296</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	25	27	27	28	30	31
Aircraft Parts	24	25	25	27	29	30
Ammunition	15	16	16	16	15	16
Communication Equipment	27	26	25	26	27	27
Missiles	5	5	6	7	7	8
Motor Vehicles	11	8	7	7	9	11
Shipbuilding	17	19	20	18	20	20
Tanks	3	3	3	3	2	2
Other Electronic Equipment	22	22	22	22	23	24
Other Ordinances	2	1	1	2	2	2
Other	1,427	1,237	1,112	1,090	1,123	1,122
<b>Total:</b>	<b>1,577</b>	<b>1,389</b>	<b>1,262</b>	<b>1,244</b>	<b>1,288</b>	<b>1,294</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Computer Peripheral Equipment**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	695	647	597	599	605	610
Indirect Purchases	724	679	613	615	622	630
<b>Total:</b>	<b>1,419</b>	<b>1,326</b>	<b>1,210</b>	<b>1,214</b>	<b>1,226</b>	<b>1,240</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	7	8	8	9	9	10
Aircraft Parts	7	8	8	8	9	10
Ammunition	1	1	1	1	1	1
Communication Equipment	9	9	9	9	10	10
Missiles	1	1	2	2	2	2
Motor Vehicles	1	0	0	0	0	1
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	3	3
Other Ordinances	0	0	0	0	0	0
Other	694	648	582	581	586	592
<b>Total:</b>	<b>724</b>	<b>679</b>	<b>613</b>	<b>615</b>	<b>622</b>	<b>629</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Newspaper Publishing and Printing**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	19	18	16	16	17	17
Indirect Purchases	1,398	1,301	1,152	1,130	1,119	1,113
<b>Total:</b>	<b>1,416</b>	<b>1,318</b>	<b>1,169</b>	<b>1,147</b>	<b>1,136</b>	<b>1,130</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	58	61	59	60	64	64
Aircraft Parts	55	55	54	56	60	60
Ammunition	43	46	43	41	40	42
Communication Equipment	88	84	77	78	77	77
Missiles	18	19	22	23	23	25
Motor Vehicles	15	11	9	10	11	13
Shipbuilding	15	16	16	14	16	16
Tanks	3	3	3	3	2	2
Other Electronic Equipment	17	16	15	15	16	16
Other Ordinances	4	3	3	3	3	3
Other	1,082	987	852	826	808	796
<b>Total:</b>	<b>1,398</b>	<b>1,301</b>	<b>1,152</b>	<b>1,130</b>	<b>1,119</b>	<b>1,113</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Fabricated Plate Work (Boiler Shops)**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	927	1,107	1,333	1,192	1,506	1,513
Indirect Purchases	195	206	217	207	238	244
<b>Total:</b>	<b>1,122</b>	<b>1,313</b>	<b>1,550</b>	<b>1,399</b>	<b>1,744</b>	<b>1,758</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	3	3	3	3	4	4
Aircraft Parts	2	2	2	2	2	2
Ammunition	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2
Missiles	0	1	1	1	1	1
Motor Vehicles	1	0	0	0	0	1
Shipbuilding	39	43	46	43	49	50
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	146	153	160	153	177	182
<b>Total:</b>	<b>195</b>	<b>206</b>	<b>217</b>	<b>207</b>	<b>238</b>	<b>244</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Periodical Publishing and Printing**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	165	106	97	94	98	98
Indirect Purchases	1,221	1,179	1,084	1,097	1,122	1,150
<b>Total:</b>	<b>1,386</b>	<b>1,285</b>	<b>1,181</b>	<b>1,192</b>	<b>1,220</b>	<b>1,249</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	45	49	49	52	56	58
Aircraft Parts	43	44	45	48	53	55
Ammunition	34	37	36	36	36	38
Communication Equipment	71	70	67	70	71	73
Missiles	15	17	19	21	22	24
Motor Vehicles	12	9	8	8	10	12
Shipbuilding	13	14	15	14	16	16
Tanks	3	3	2	3	2	2
Other Electronic Equipment	15	15	15	16	17	17
Other Ordinances	3	2	2	3	3	3
Other	968	919	827	828	838	851
<b>Total:</b>	<b>1,221</b>	<b>1,179</b>	<b>1,084</b>	<b>1,097</b>	<b>1,122</b>	<b>1,150</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Plastics Materials and Resins**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	3	3	3	3	3
Indirect Purchases	1,341	1,273	1,208	1,229	1,269	1,304
<b>Total:</b>	<b>1,344</b>	<b>1,276</b>	<b>1,210</b>	<b>1,231</b>	<b>1,272</b>	<b>1,307</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	28	31	31	33	36	37
Aircraft Parts	69	71	72	77	84	87
Ammunition	21	24	24	24	24	26
Communication Equipment	71	71	68	71	73	76
Missiles	16	18	21	23	23	26
Motor Vehicles	32	24	20	22	25	31
Shipbuilding	15	17	18	16	18	19
Tanks	6	6	6	6	6	6
Other Electronic Equipment	103	103	100	102	111	118
Other Ordinances	1	1	1	1	1	1
Other	977	907	849	853	867	878
<b>Total:</b>	<b>1,341</b>	<b>1,273</b>	<b>1,208</b>	<b>1,229</b>	<b>1,269</b>	<b>1,304</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Surgical Appliances and Supplies**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,457	1,183	1,085	1,053	1,081	1,072
Indirect Purchases	93	82	73	73	75	76
<b>Total:</b>	<b>1,550</b>	<b>1,264</b>	<b>1,158</b>	<b>1,126</b>	<b>1,156</b>	<b>1,148</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2
Missiles	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	86	74	66	65	67	67
<b>Total:</b>	<b>93</b>	<b>82</b>	<b>73</b>	<b>73</b>	<b>75</b>	<b>76</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Motor Vehicles and Passenger Car Bodies**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1,574	1,220	979	1,097	1,329	1,678
Indirect Purchases	23	18	15	16	19	24
<b>Total:</b>	<b>1,597</b>	<b>1,238</b>	<b>994</b>	<b>1,113</b>	<b>1,348</b>	<b>1,702</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0
Missiles	0	0	0	0	0	0
Motor Vehicles	20	15	12	14	17	21
Shipbuilding	0	0	0	0	0	0
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	3	2	2	2	2	2
<b>Total:</b>	<b>23</b>	<b>18</b>	<b>15</b>	<b>16</b>	<b>19</b>	<b>24</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Apparel**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1,557	986	825	769	837	840
Indirect Purchases	336	250	221	213	225	228
<b>Total:</b>	<b>1,893</b>	<b>1,236</b>	<b>1,045</b>	<b>982</b>	<b>1,062</b>	<b>1,068</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	2	2
Aircraft Parts	3	3	3	3	4	4
Ammunition	13	14	13	13	13	14
Communication Equipment	7	7	6	7	7	7
Missiles	1	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	2	2	2
Other Ordinances	0	0	0	0	0	0
Other	307	220	192	183	194	196
<b>Total:</b>	<b>336</b>	<b>250</b>	<b>221</b>	<b>213</b>	<b>225</b>	<b>228</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Metal Plating, Polishing, and Coating**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	22	22	21	19	20	19
Indirect Purchases	1,213	1,211	1,179	1,223	1,289	1,351
<b>Total:</b>	<b>1,235</b>	<b>1,233</b>	<b>1,200</b>	<b>1,242</b>	<b>1,309</b>	<b>1,370</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	87	93	94	100	108	112
Aircraft Parts	84	88	89	97	106	112
Ammunition	53	58	57	57	57	62
Communication Equipment	200	198	191	202	208	217
Missiles	21	23	27	30	31	35
Motor Vehicles	20	15	12	13	16	19
Shipbuilding	11	13	13	13	14	14
Tanks	2	2	2	2	2	2
Other Electronic Equipment	204	202	195	200	217	231
Other Ordinances	8	6	6	7	7	7
Other	523	512	492	503	521	540
<b>Total:</b>	<b>1,213</b>	<b>1,211</b>	<b>1,179</b>	<b>1,223</b>	<b>1,289</b>	<b>1,351</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Glass and Glass Products, n.e.c.**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	24	16	11	12	12	15
Indirect Purchases	1,172	1,178	1,150	1,168	1,210	1,237
<b>Total:</b>	<b>1,196</b>	<b>1,194</b>	<b>1,161</b>	<b>1,180</b>	<b>1,223</b>	<b>1,252</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	6	6	6	7	7	8
Aircraft Parts	11	12	12	13	14	15
Ammunition	4	4	4	4	4	4
Communication Equipment	25	25	24	25	26	27
Missiles	4	4	5	5	5	6
Motor Vehicles	21	16	13	15	18	22
Shipbuilding	8	9	10	9	10	10
Tanks	1	1	1	1	0	0
Other Electronic Equipment	704	732	731	744	772	787
Other Ordinances	0	0	0	0	0	0
Other	388	369	344	346	353	357
<b>Total:</b>	<b>1,172</b>	<b>1,178</b>	<b>1,150</b>	<b>1,168</b>	<b>1,210</b>	<b>1,237</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Electrical Machinery, Equipment and Supplies, n.e.c.**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,110	1,108	1,049	1,021	1,009	1,025
Indirect Purchases	29	29	28	28	29	30
<b>Total:</b>	<b>1,139</b>	<b>1,137</b>	<b>1,077</b>	<b>1,050</b>	<b>1,038</b>	<b>1,055</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0
Communication Equipment	9	9	8	9	9	10
Missiles	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	19	19	18	18	18	18
<b>Total:</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>30</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Motor Vehicle Parts and Accessories**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	493	374	304	314	342	384
Indirect Purchases	869	733	631	665	739	843
<b>Total:</b>	<b>1,362</b>	<b>1,107</b>	<b>935</b>	<b>979</b>	<b>1,081</b>	<b>1,227</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	5	5	5	5	6	6
Aircraft Parts	5	5	5	6	6	6
Ammunition	4	4	4	4	4	4
Communication Equipment	8	8	7	8	8	8
Missiles	2	2	2	2	2	3
Motor Vehicles	488	377	303	335	400	497
Shipbuilding	5	5	5	5	6	6
Tanks	1	1	1	1	1	1
Other Electronic Equipment	6	6	6	6	6	6
Other Ordinances	1	0	0	0	1	1
Other	346	321	293	294	301	305
<b>Total:</b>	<b>869</b>	<b>733</b>	<b>631</b>	<b>665</b>	<b>739</b>	<b>843</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Industrial Inorganic Chemicals**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	176	203	215	207	218	255
Indirect Purchases	953	894	807	784	783	790
<b>Total:</b>	<b>1,129</b>	<b>1,097</b>	<b>1,022</b>	<b>991</b>	<b>1,002</b>	<b>1,045</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	9	9	9	9	10	10
Aircraft Parts	12	12	12	12	13	13
Ammunition	8	9	8	8	8	8
Communication Equipment	24	23	21	22	22	22
Missiles	3	3	4	4	4	4
Motor Vehicles	9	7	5	5	6	8
Shipbuilding	16	17	18	16	17	17
Tanks	1	1	1	1	1	1
Other Electronic Equipment	29	28	27	26	27	28
Other Ordinances	1	1	1	1	1	1
Other	842	785	702	680	675	679
<b>Total:</b>	<b>953</b>	<b>894</b>	<b>807</b>	<b>784</b>	<b>783</b>	<b>790</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Industrial and Commercial Machinery, n.e.c.**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	130	120	109	110	117	123
Indirect Purchases	969	958	925	944	979	1,014
<b>Total:</b>	<b>1,098</b>	<b>1,078</b>	<b>1,034</b>	<b>1,054</b>	<b>1,096</b>	<b>1,137</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	62	66	67	71	77	80
Aircraft Parts	81	85	86	92	101	106
Ammunition	58	64	62	62	62	67
Communication Equipment	51	50	48	51	53	54
Missiles	14	16	18	20	21	23
Motor Vehicles	38	30	24	26	30	35
Shipbuilding	29	32	34	32	36	37
Tanks	4	4	4	4	4	4
Other Electronic Equipment	30	31	31	31	33	35
Other Ordinances	5	4	3	4	4	4
Other	595	576	547	550	558	569
<b>Total:</b>	<b>969</b>	<b>958</b>	<b>925</b>	<b>944</b>	<b>979</b>	<b>1,014</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Measuring Devices and Environmental Controls**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	694	631	591	626	660	684
Indirect Purchases	438	442	431	442	461	469
<b>Total:</b>	<b>1,131</b>	<b>1,073</b>	<b>1,022</b>	<b>1,069</b>	<b>1,121</b>	<b>1,152</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	21	22	22	24	26	27
Aircraft Parts	5	5	5	6	6	7
Ammunition	2	2	2	2	2	2
Communication Equipment	7	7	7	7	8	8
Missiles	1	2	2	2	2	2
Motor Vehicles	20	15	12	14	17	21
Shipbuilding	7	8	8	7	8	8
Tanks	0	0	0	0	0	0
Other Electronic Equipment	3	3	3	3	3	4
Other Ordinances	0	0	0	0	0	0
Other	370	376	368	376	387	389
<b>Total:</b>	<b>438</b>	<b>442</b>	<b>431</b>	<b>442</b>	<b>461</b>	<b>469</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Tanks and Tank Components**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,181	1,021	1,004	977	1,005	1,103
Indirect Purchases	9	9	9	9	8	8
<b>Total:</b>	<b>1,190</b>	<b>1,030</b>	<b>1,013</b>	<b>986</b>	<b>1,013</b>	<b>1,111</b>

<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Tanks	9	9	9	9	8	8
<b>Total:</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>8</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Aluminum Rolling and Drawing Products**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	15	13	10	9	10	10
Indirect Purchases	972	966	940	947	965	990
<b>Total:</b>	<b>987</b>	<b>979</b>	<b>950</b>	<b>957</b>	<b>975</b>	<b>1,000</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	37	39	39	41	44	45
Aircraft Parts	144	148	148	157	170	176
Ammunition	55	59	56	56	55	58
Communication Equipment	54	52	49	51	52	53
Missiles	12	13	15	16	17	18
Motor Vehicles	43	33	26	28	33	39
Shipbuilding	48	52	55	50	56	56
Tanks	37	36	35	35	32	31
Other Electronic Equipment	29	29	28	28	30	31
Other Ordinances	3	2	2	2	3	3
Other	511	504	487	482	475	480
<b>Total:</b>	<b>972</b>	<b>966</b>	<b>940</b>	<b>947</b>	<b>965</b>	<b>990</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Fabricated Metal products, n.e.c.**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	434	341	304	323	347	359
Indirect Purchases	613	609	582	585	596	621
<b>Total:</b>	<b>1,047</b>	<b>950</b>	<b>887</b>	<b>908</b>	<b>943</b>	<b>979</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	10	11	11	11	12	13
Aircraft Parts	15	15	15	16	18	19
Ammunition	235	254	243	243	239	256
Communication Equipment	47	46	43	45	46	47
Missiles	3	3	3	4	4	4
Motor Vehicles	4	3	3	3	4	4
Shipbuilding	16	18	19	18	20	20
Tanks	14	14	14	14	13	12
Other Electronic Equipment	17	17	17	17	18	19
Other Ordinances	25	19	18	19	20	20
Other	227	210	196	195	202	206
<b>Total:</b>	<b>613</b>	<b>609</b>	<b>582</b>	<b>585</b>	<b>596</b>	<b>621</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Special Dies, Jigs, Molds, and Cutting Tools**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	20	18	15	14	15	15
Indirect Purchases	906	929	909	919	913	926
<b>Total:</b>	<b>926</b>	<b>947</b>	<b>923</b>	<b>934</b>	<b>928</b>	<b>942</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	76	81	81	86	93	96
Aircraft Parts	29	31	31	33	36	38
Ammunition	32	34	33	33	33	35
Communication Equipment	32	31	30	31	32	33
Missiles	11	13	15	16	17	19
Motor Vehicles	26	20	16	18	21	27
Shipbuilding	15	17	18	17	19	19
Tanks	4	4	4	4	3	3
Other Electronic Equipment	20	20	20	20	21	22
Other Ordinances	3	2	2	2	2	2
Other	658	676	659	658	634	632
<b>Total:</b>	<b>906</b>	<b>929</b>	<b>909</b>	<b>919</b>	<b>913</b>	<b>926</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Mechanical Power Transmission Equipment**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	411	438	391	384	489	545
Indirect Purchases	463	454	452	441	477	500
<b>Total:</b>	<b>874</b>	<b>893</b>	<b>843</b>	<b>824</b>	<b>966</b>	<b>1,045</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	8	9	9	9	10	10
Aircraft Parts	24	25	25	27	29	31
Ammunition	3	3	3	3	3	3
Communication Equipment	5	5	5	5	5	5
Missiles	2	2	2	3	3	3
Motor Vehicles	15	12	9	10	11	13
Shipbuilding	137	151	160	148	167	169
Tanks	75	72	72	73	67	65
Other Electronic Equipment	4	4	4	4	4	4
Other Ordinances	0	0	0	0	0	0
Other	192	173	164	160	177	196
<b>Total:</b>	<b>463</b>	<b>454</b>	<b>452</b>	<b>441</b>	<b>477</b>	<b>500</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Small Arms Ammunition**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,457	1,183	1,085	1,053	1,081	1,072
Indirect Purchases	93	82	73	73	75	76
<b>Total:</b>	<b>1,550</b>	<b>1,264</b>	<b>1,158</b>	<b>1,126</b>	<b>1,156</b>	<b>1,148</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2
Missiles	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1
Tanks	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	86	74	66	65	67	67
<b>Total:</b>	<b>93</b>	<b>82</b>	<b>73</b>	<b>73</b>	<b>75</b>	<b>76</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Screw Machine Products, Bolts and Nuts**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	61	44	30	32	38	42
Indirect Purchases	845	847	824	838	854	878
<b>Total:</b>	<b>905</b>	<b>891</b>	<b>853</b>	<b>870</b>	<b>892</b>	<b>920</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	26	27	27	29	32	33
Aircraft Parts	97	100	101	109	119	124
Ammunition	60	65	62	62	62	66
Communication Equipment	68	66	63	66	67	68
Missiles	9	10	11	12	12	14
Motor Vehicles	34	26	21	23	27	32
Shipbuilding	31	35	37	34	38	39
Tanks	9	8	8	8	8	8
Other Electronic Equipment	32	32	31	31	34	36
Other Ordinances	7	5	5	5	6	6
Other	474	473	457	458	451	453
<b>Total:</b>	<b>845</b>	<b>847</b>	<b>824</b>	<b>838</b>	<b>854</b>	<b>878</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Laboratory and Optical Instruments**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	698	593	537	528	532	543
Indirect Purchases	265	281	297	318	333	354
<b>Total:</b>	<b>963</b>	<b>874</b>	<b>833</b>	<b>846</b>	<b>865</b>	<b>897</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	10	11	11	12	13	13
Aircraft Parts	81	83	84	90	99	103
Ammunition	5	5	5	5	5	5
Communication Equipment	16	15	14	16	16	17
Missiles	111	124	143	155	159	173
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0
Tanks	0	0	0	0	0	0
Other Electronic Equipment	7	7	7	7	8	8
Other Ordinances	0	0	0	0	0	0
Other	35	34	32	33	34	34
<b>Total:</b>	<b>265</b>	<b>281</b>	<b>297</b>	<b>318</b>	<b>333</b>	<b>354</b>

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*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Steam, Gas and Hydraulic Turbines**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	767	816	772	744	811	966
Indirect Purchases	35	35	33	32	33	36
<b>Total:</b>	<b>802</b>	<b>851</b>	<b>805</b>	<b>775</b>	<b>845</b>	<b>1,002</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	1	1
Ammunition	0	0	0	0	0	0
Communication Equipment	1	0	0	0	0	0
Missiles	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	6	6	6	6	6	6
Tanks	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	27	26	24	24	25	27
<b>Total:</b>	<b>35</b>	<b>35</b>	<b>33</b>	<b>32</b>	<b>33</b>	<b>36</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Nonferrous Castings and Forgings**

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	8	7	6	6	6	7
Indirect Purchases	792	841	847	892	951	990
<b>Total:</b>	<b>799</b>	<b>847</b>	<b>852</b>	<b>897</b>	<b>957</b>	<b>997</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	458	492	493	524	568	587
Aircraft Parts	61	63	64	69	76	80
Ammunition	55	60	58	58	57	61
Communication Equipment	15	15	14	15	15	16
Missiles	24	29	34	38	40	44
Motor Vehicles	2	2	1	1	2	2
Shipbuilding	6	6	7	6	7	7
Tanks	12	12	12	12	11	11
Other Electronic Equipment	5	5	5	5	5	6
Other Ordinances	5	4	4	4	5	5
Other	148	154	155	159	165	172
<b>Total:</b>	<b>792</b>	<b>841</b>	<b>847</b>	<b>892</b>	<b>951</b>	<b>990</b>

*Note: Numbers may not add to totals due to rounding.*

**Projected Defense Purchases of  
Other Ordnance and Accessories**

(Millions of 2005 dollars)

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	9	8	7	7	8
Indirect Purchases	128	125	118	121	125	128
<b>Total:</b>	<b>138</b>	<b>134</b>	<b>126</b>	<b>128</b>	<b>132</b>	<b>136</b>

**INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR**

Aircraft Engines	2	2	2	2	3	3
Aircraft Parts	2	2	2	3	3	3
Ammunition	2	2	2	2	2	3
Communication Equipment	4	4	4	4	4	4
Missiles	1	1	1	1	1	2
Motor Vehicles	1	1	0	0	1	1
Shipbuilding	2	2	2	2	2	2
Tanks	0	0	0	0	0	0
Other Electronic Equipment	3	3	3	3	3	3
Other Ordinances	1	0	0	1	1	1
Other	111	107	100	102	105	107
<b>Total:</b>	<b>128</b>	<b>125</b>	<b>118</b>	<b>121</b>	<b>125</b>	<b>128</b>

*Note: Numbers may not add to totals due to rounding.*

### SECTION III: INDIVIDUAL STATE PROJECTIONS (RDEPPS)

The tables in this section give state-level estimates of defense and defense-related expenditures in calendar years 2004 through 2009. A separate table is provided for each of the 50 states and the District of Columbia; an additional table is provided for the United States as a whole. The tables are divided into two sections. The first section of each table presents estimates of direct defense purchases and pay and of 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.) 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 97 industrial sectors. Thus, industrial sector 51, “Aerospace,” used 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*’ treatment of defense expenditures differs from that of *RDEPPS* in several important ways, due to differences in the conceptual rationale for each module. *IDEPPS* is designed to investigate economy-wide effects of the defense budget, by simultaneously determining domestic production, imports, and indirect purchases by industry. *RDEPPS* is designed to investigate domestic effects of expenditures by state, including military retirement disbursements. Therefore, *RDEPPS* includes *only* that part of active duty and retirement pay spent domestically, making an explicit adjustment for pay that is sent abroad. Retirement pay is treated on a disbursement basis in *RDEPPS*, as opposed to an accrual basis in *IDEPPS*. The *RDEPPS* measure of total direct defense expenditures is made smaller by the removal of pay sent abroad, but is made larger by the fact that retirement disbursements currently exceed accruals. The net effect is that *RDEPPS* projections of total direct spending are *larger* than the comparable *IDEPPS* projections.

**Alabama Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	10,890	10,893	10,678	10,735	10,853	10,919
Indirect Defense Purchases Resulting from Direct Purchases	4,922	4,831	4,670	4,742	4,881	4,977
Indirect Defense Purchases Resulting from Direct Pay	2,106	2,042	2,035	2,031	2,039	2,036
Total Nondefense Expenditures	268,627	280,709	292,623	304,007	314,947	326,760
Total Output	286,541	298,470	309,999	321,513	332,714	344,684
Government Industry Compensation	3,573	3,508	3,523	3,531	3,549	3,553

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	4,305	4,527	4,537	4,547	4,528	4,496
Computer & data processing	586	539	468	466	474	479
Air transport	496	476	432	441	483	516
Aerospace	402	423	428	447	459	473
New construction	224	213	192	203	212	215

**Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	1,431	1,478	1,475	1,494	1,509	1,515
Computer & data processing	592	576	553	566	592	611
Other business services	312	304	300	304	313	318
Wholesale trade	178	171	162	164	170	175
Primary nonferrous metals	165	169	168	173	181	188

**Alaska Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,158	2,954	2,779	2,797	2,851	2,868
Indirect Defense Purchases Resulting from Direct Purchases	1,125	1,083	991	996	1,029	1,057
Indirect Defense Purchases Resulting from Direct Pay	673	652	650	648	651	650
Total Nondefense Expenditures	39,289	41,106	42,881	44,506	46,055	47,742
Total Output	44,246	45,795	47,301	48,947	50,586	52,316
Government Industry Compensation	1,443	1,401	1,400	1,399	1,412	1,414

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

New construction	315	300	273	290	305	309
Professional services	302	283	241	243	245	248
Communications services	237	213	198	198	199	202
Trucking, highway passenger transit	191	158	142	137	144	144
Air transport	134	122	113	115	117	118

**Indirect Defense Purchases Resulting from Direct Expenditures**

Real estate and royalties	210	201	187	188	193	196
Other business services	150	154	134	130	138	149
Professional services	100	93	78	80	82	83
Finance & insurance	78	74	69	70	72	74
Electric utilities	68	66	63	64	66	68

**Arizona Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	12,198	12,013	11,501	11,675	11,873	12,093
Indirect Defense Purchases Resulting from Direct Purchases	3,094	3,028	2,872	2,935	3,048	3,151
Indirect Defense Purchases Resulting from Direct Pay	1,660	1,609	1,604	1,602	1,609	1,608
Total Nondefense Expenditures	311,540	326,815	342,957	357,770	372,174	387,732
Total Output	328,441	343,417	358,895	373,943	388,672	404,555
Government Industry Compensation	2,829	2,767	2,765	2,762	2,776	2,775
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Other medical services & dentists	2,704	2,578	2,306	2,302	2,318	2,340
Aerospace	2,380	2,538	2,601	2,764	2,867	2,990
Professional services	1,664	1,618	1,456	1,452	1,461	1,488
Search & navigation equipment	375	383	369	384	384	386
Metal products	361	364	353	356	381	400
<b>Indirect Defense Purchases Resulting from Direct Expenditures</b>						
Professional services	553	528	474	477	487	502
Electronic components	250	253	248	261	275	290
Aerospace	219	238	251	269	289	305
Wholesale trade	209	201	192	196	205	212
Other business services	164	164	154	156	161	168

## Arkansas Summary

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	2,560	2,410	2,279	2,303	2,355	2,367
Indirect Defense Purchases Resulting from Direct Purchases	2,159	2,075	1,954	1,980	2,047	2,098
Indirect Defense Purchases Resulting from Direct Pay	916	885	880	876	878	875
Total Nondefense Expenditures	161,871	169,131	176,026	182,586	188,834	195,594
Total Output	167,526	174,520	181,156	187,762	194,129	200,948
Government Industry Compensation	1,081	1,059	1,059	1,057	1,062	1,062

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### Total Direct Expenditures (Purchases and Pay)

Water and sanitary services	259	236	191	192	193	194
Air transport	194	172	163	164	170	171
New construction	169	162	153	168	180	183
Trucking, highway passenger transit	149	123	111	107	113	113
Hotels	90	80	75	76	79	79

#### Indirect Defense Purchases Resulting from Direct Expenditures

Real estate and royalties	318	307	288	291	299	306
Water and sanitary services	145	137	125	125	127	130
Electronic components	102	103	101	106	112	118
Wholesale trade	96	92	87	88	91	94
Trucking, highway passenger transit	98	89	83	83	86	88

**California Summary**  
(Millions of 2005 dollars)

**2004      2005      2006      2007      2008      2009**

**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	53,140	52,261	50,726	51,247	52,242	52,923
Indirect Defense Purchases Resulting from Direct Purchases	25,363	24,675	23,441	23,832	24,644	25,334
Indirect Defense Purchases Resulting from Direct Pay	11,187	10,846	10,816	10,802	10,856	10,845
Total Nondefense Expenditures	2,085,932	2,184,407	2,288,989	2,387,150	2,482,142	2,584,723
Total Output	2,175,408	2,271,965	2,373,750	2,472,861	2,569,685	2,673,640
Government Industry Compensation	16,780	16,369	16,377	16,374	16,487	16,503

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	11,907	12,116	11,771	11,854	12,002	12,171
Aerospace	5,830	6,185	6,306	6,629	6,833	7,065
Other medical services & dentists	2,542	2,424	2,168	2,165	2,179	2,201
New construction	1,617	1,555	1,433	1,521	1,593	1,605
Search & navigation equipment	1,298	1,297	1,207	1,299	1,324	1,360

**Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	3,958	3,956	3,827	3,896	4,001	4,101
Real estate and royalties	1,825	1,764	1,656	1,673	1,721	1,760
Electronic components	1,466	1,483	1,455	1,528	1,610	1,702
Wholesale trade	1,483	1,422	1,358	1,385	1,447	1,499
Finance & insurance	1,371	1,311	1,230	1,246	1,284	1,313

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**Colorado Summary**

(Millions of 2005 dollars)

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	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	9,914	9,712	9,444	9,526	9,719	9,802
Indirect Defense Purchases Resulting from Direct Purchases	3,465	3,349	3,165	3,213	3,323	3,407
Indirect Defense Purchases Resulting from Direct Pay	1,923	1,865	1,860	1,856	1,865	1,861
Total Nondefense Expenditures	315,822	329,810	343,963	357,322	369,946	383,513
Total Output	331,139	344,750	358,444	371,929	384,865	398,594
Government Industry Compensation	3,346	3,266	3,263	3,259	3,279	3,280

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Electronic components	2,443	2,545	2,560	2,597	2,685	2,717
Professional services	1,329	1,342	1,292	1,307	1,327	1,342
New construction	469	446	397	414	429	434
Computer & data processing	323	296	255	254	258	261
Communication equipment	252	228	223	226	231	237

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Professional services	442	438	420	430	442	452
Computer & data processing	326	316	302	309	323	333
Real estate and royalties	327	315	295	298	306	313
Communications services	309	296	276	280	287	293
Wholesale trade	203	195	185	188	196	201

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**Connecticut Summary**

(Millions of 2005 dollars)

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	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	5,429	5,516	5,462	5,422	5,626	5,719
Indirect Defense Purchases Resulting from Direct Purchases	2,648	2,598	2,479	2,530	2,629	2,715
Indirect Defense Purchases Resulting from Direct Pay	737	714	711	710	712	712
Total Nondefense Expenditures	226,816	238,200	249,141	259,395	268,982	279,494
Total Output	235,680	247,075	257,834	268,094	277,984	288,671
Government Industry Compensation	779	759	759	758	763	764

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Ships & boats	1,659	1,827	1,930	1,815	1,852	1,791
Aerospace	735	773	782	828	859	895
Professional services	601	606	584	588	599	613
General and miscellaneous industrial machinery	161	165	151	152	191	214
Engines and turbines	139	134	120	119	136	169

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Aerospace	264	288	303	326	350	369
Professional services	200	198	190	193	200	206
Other business services	185	187	166	168	176	188
Real estate and royalties	166	160	150	151	155	159
Electronic components	145	147	144	151	160	169

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**Delaware Summary**

(Millions of 2005 dollars)

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	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	949	900	857	861	873	879
Indirect Defense Purchases Resulting from Direct Purchases	693	658	612	617	635	647
Indirect Defense Purchases Resulting from Direct Pay	331	320	319	318	319	318
Total Nondefense Expenditures	63,808	66,963	69,811	72,581	75,195	78,110
Total Output	65,781	68,841	71,600	74,377	77,021	79,954
Government Industry Compensation	472	460	459	458	462	462

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

New construction	79	75	65	66	68	69
Education, social services, membership organizations	59	57	49	49	48	48
Professional services	38	38	37	38	38	38
Medical instruments & supplies	43	32	30	31	34	35
Hotels	31	28	26	26	27	27

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Real estate and royalties	107	103	96	97	99	101
Other chemicals	83	78	72	71	72	73
Finance & insurance	41	39	37	37	39	39
Education, social services, membership organizations	38	36	32	33	34	35
Plastics & synthetics	33	30	28	28	29	30

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**District of Columbia Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,563	6,300	5,938	5,951	5,987	6,021
Indirect Defense Purchases Resulting from Direct Purchases	2,691	2,606	2,416	2,438	2,486	2,529
Indirect Defense Purchases Resulting from Direct Pay	1,215	1,178	1,175	1,173	1,178	1,177
Total Nondefense Expenditures	110,186	114,886	119,572	123,956	128,288	132,884
Total Output	120,655	124,971	129,102	133,517	137,938	142,610
Government Industry Compensation	3,029	2,967	2,992	3,006	3,030	3,040

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	881	877	814	811	809	813
Computer & data processing	501	464	389	385	386	390
Communications services	393	357	321	325	329	331
New construction	315	298	258	261	265	269
Water transport	269	248	209	204	201	205

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Finance & insurance	519	498	468	475	489	499
Computer & data processing	506	496	460	468	483	497
Movies and amusements	394	374	335	333	336	340
Professional services	293	286	265	266	270	274
Real estate and royalties	258	245	224	224	226	228

**Florida Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	25,697	24,959	24,216	24,459	24,888	25,178
Indirect Defense Purchases Resulting from Direct Purchases	12,182	11,804	11,334	11,564	11,952	12,244
Indirect Defense Purchases Resulting from Direct Pay	5,615	5,448	5,435	5,429	5,457	5,453
Total Nondefense Expenditures	1,026,607	1,078,909	1,129,152	1,178,255	1,227,087	1,280,892
Total Output	1,070,044	1,121,069	1,170,096	1,219,670	1,269,352	1,323,738
Government Industry Compensation	9,867	9,661	9,657	9,645	9,690	9,687

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	3,987	3,933	3,695	3,740	3,843	3,964
Aerospace	2,649	2,812	2,867	2,996	3,075	3,162
Communication equipment	969	979	981	980	978	973
New construction	797	761	691	733	770	780
Electric lighting and wiring equipment and misc. electrical supplies	545	559	547	532	508	492

**Indirect Defense Purchases Resulting from Direct Expenditures**

Other business services	2,571	2,487	2,482	2,555	2,618	2,644
Professional services	1,325	1,284	1,201	1,229	1,281	1,336
Real estate and royalties	1,056	1,021	957	967	995	1,017
Wholesale trade	729	704	673	688	721	750
Communications services	525	506	474	483	498	513

**Georgia Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	20,283	20,189	19,933	20,058	20,254	20,278
Indirect Defense Purchases Resulting from Direct Purchases	6,966	6,646	6,231	6,314	6,530	6,700
Indirect Defense Purchases Resulting from Direct Pay	4,390	4,255	4,242	4,234	4,252	4,246
Total Nondefense Expenditures	555,210	581,236	606,257	629,873	652,318	676,295
Total Output	586,860	612,337	636,674	660,489	683,366	707,530
Government Industry Compensation	7,586	7,394	7,397	7,396	7,451	7,459

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Aerospace	8,289	8,773	8,923	9,017	9,053	9,013
Professional services	718	698	637	644	660	678
New construction	507	483	435	457	477	483
Advertising	411	377	303	299	298	302
Air transport	417	370	350	352	365	367

**Indirect Defense Purchases Resulting from Direct Expenditures**

Advertising	981	945	877	887	907	927
Wholesale trade	479	460	437	444	461	475
Communications services	419	402	374	379	389	397
Real estate and royalties	387	374	351	354	364	372
Air transport	331	330	316	321	330	338

**Hawaii Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	6,362	6,086	5,817	5,827	5,897	5,926
Indirect Defense Purchases Resulting from Direct Purchases	1,371	1,317	1,213	1,227	1,263	1,297
Indirect Defense Purchases Resulting from Direct Pay	1,730	1,678	1,673	1,671	1,679	1,676
Total Nondefense Expenditures	111,113	115,734	120,800	125,488	130,204	135,226
Total Output	120,577	124,816	129,505	134,214	139,043	144,125
Government Industry Compensation	3,993	3,884	3,891	3,894	3,929	3,937

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

New construction	757	717	624	637	651	660
Professional services	476	457	402	401	401	404
Communications services	118	106	98	98	99	100
Hotels	90	81	76	77	79	79
Electric utilities	85	79	71	72	73	73

**Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	150	150	135	137	144	152
Professional services	158	149	131	132	134	136
Advertising	153	148	137	139	142	145
Real estate and royalties	144	139	130	131	135	138
Electric utilities	96	93	88	89	92	95

**Idaho Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,009	2,730	2,573	2,605	2,701	2,713
Indirect Defense Purchases Resulting from Direct Purchases	1,954	1,879	1,771	1,792	1,849	1,889
Indirect Defense Purchases Resulting from Direct Pay	388	375	373	372	373	371
Total Nondefense Expenditures	75,122	78,881	82,348	85,499	88,427	91,663
Total Output	80,475	83,867	87,068	90,269	93,352	96,639
Government Industry Compensation	531	519	518	517	520	520

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Air transport	512	454	430	432	449	451
Trucking, highway passenger transit	544	447	401	387	409	409
New construction	214	207	201	225	246	248
Real estate and royalties	128	121	112	114	118	121
Electric utilities	106	98	89	91	92	92

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Real estate and royalties	552	534	501	506	520	532
Finance & insurance	272	259	243	245	253	259
Automobile services	176	166	157	158	164	167
Electric utilities	119	115	110	112	116	119
Federal & state and local government enterprises	106	100	90	91	92	93

**Illinois Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	7,463	7,014	6,674	6,711	6,853	6,936
Indirect Defense Purchases Resulting from Direct Purchases	8,061	7,771	7,337	7,437	7,694	7,898
Indirect Defense Purchases Resulting from Direct Pay	2,862	2,771	2,758	2,749	2,757	2,749
Total Nondefense Expenditures	854,666	895,737	933,807	970,227	1,004,514	1,041,409
Total Output	873,069	913,311	950,591	987,138	1,021,833	1,059,004
 Government Industry Compensation	 3,191	 3,110	 3,112	 3,112	 3,136	 3,140

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	486	472	424	424	426	431
Metal products	411	416	404	407	434	454
Agriculture, construction, mining & oilfield equipment	423	379	370	371	367	375
Trucking, highway passenger transit	351	292	261	253	266	266
New construction	293	279	254	269	283	287

**Indirect Defense Purchases Resulting from Direct Expenditures**

Wholesale trade	653	627	593	600	622	639
Electronic components	595	602	591	620	653	691
Printing & publishing	489	468	427	428	433	439
Metal products	445	443	431	437	457	472
Air transport	417	415	396	402	412	422

**Indiana Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,173	5,809	5,401	5,455	5,603	5,771
Indirect Defense Purchases Resulting from Direct Purchases	4,609	4,477	4,258	4,333	4,506	4,648
Indirect Defense Purchases Resulting from Direct Pay	1,510	1,462	1,451	1,447	1,450	1,448
Total Nondefense Expenditures	416,554	437,180	456,374	474,145	491,075	509,258
Total Output	428,895	448,976	467,528	485,421	502,676	521,162
Government Industry Compensation	1,438	1,411	1,418	1,421	1,429	1,430

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Other medical services & dentists	1,372	1,308	1,170	1,168	1,176	1,187
Professional services	773	754	699	706	730	763
Communication equipment	425	381	372	376	384	396
Aerospace	316	332	334	349	358	369
Motor vehicles	224	174	140	157	190	240

**Indirect Defense Purchases Resulting from Direct Expenditures**

Primary nonferrous metals	436	447	443	458	479	498
Primary ferrous metals	292	288	275	273	287	297
Electronic components	278	281	276	290	306	323
Metal products	260	259	252	256	268	276
Professional services	257	246	227	232	243	257

**Iowa Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,787	1,715	1,682	1,718	1,767	1,811
Indirect Defense Purchases Resulting from Direct Purchases	1,559	1,503	1,419	1,438	1,487	1,527
Indirect Defense Purchases Resulting from Direct Pay	604	584	579	576	576	573
Total Nondefense Expenditures	192,715	201,456	209,162	216,681	223,766	231,410
Total Output	196,660	205,252	212,837	220,408	227,594	235,319
Government Industry Compensation	413	405	404	404	406	406

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Communication equipment	433	385	379	383	393	406
Aerospace	272	289	296	316	329	345
Professional services	156	158	155	157	162	168
Electronic components	82	84	83	85	88	91
Trucking, highway passenger transit	57	47	42	40	43	43

**Indirect Defense Purchases Resulting from Direct Expenditures**

Wholesale trade	150	143	135	136	141	144
Electronic components	98	99	98	102	108	114
Printing & publishing	101	97	88	88	89	90
Trucking, highway passenger transit	93	85	79	79	82	83
Metal products	85	85	82	84	87	90

**Kansas Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,397	3,287	3,187	3,238	3,305	3,353
Indirect Defense Purchases Resulting from Direct Purchases	2,155	2,107	1,998	2,037	2,119	2,184
Indirect Defense Purchases Resulting from Direct Pay	1,169	1,132	1,125	1,121	1,124	1,121
Total Nondefense Expenditures	184,973	193,946	201,977	209,553	216,726	224,487
Total Output	191,790	200,563	208,370	216,025	223,350	231,213
Government Industry Compensation	1,679	1,635	1,633	1,631	1,643	1,645

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Aerospace	594	635	652	696	723	756
New construction	167	160	146	155	164	166
Trucking, highway passenger transit	141	117	105	102	107	107
Professional services	95	89	76	76	77	78
Computer & data processing	91	83	67	66	66	67

**Indirect Defense Purchases Resulting from Direct Expenditures**

Aerospace	317	345	363	390	419	442
Communications services	148	142	132	133	136	139
Wholesale trade	137	131	124	126	130	134
Real estate and royalties	111	107	100	101	104	106
Printing & publishing	107	102	93	93	94	96

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**Kentucky Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	7,253	6,863	6,466	6,485	6,591	6,634
Indirect Defense Purchases Resulting from Direct Purchases	7,501	7,198	7,155	7,337	7,522	7,575
Indirect Defense Purchases Resulting from Direct Pay	1,781	1,725	1,719	1,715	1,721	1,717
Total Nondefense Expenditures	242,796	254,655	265,430	275,425	284,919	295,276
Total Output	259,340	270,450	280,777	290,969	300,759	311,208
Government Industry Compensation	2,803	2,719	2,714	2,711	2,735	2,739

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Other medical services & dentists	2,140	2,041	1,825	1,823	1,835	1,852
Other business services	429	377	361	364	355	335
Air transport	266	240	225	227	239	244
New construction	209	199	181	193	203	205
Professional services	197	189	174	179	188	195

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Other business services	4,745	4,551	4,656	4,805	4,904	4,894
Air transport	171	170	162	164	169	172
Wholesale trade	157	150	141	143	148	152
Maintenance & repair construction	138	132	132	134	138	138
Real estate and royalties	136	131	123	124	127	129

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**Louisiana Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	5,355	5,170	5,001	4,890	5,135	5,192
Indirect Defense Purchases Resulting from Direct Purchases	2,778	2,629	2,458	2,482	2,571	2,626
Indirect Defense Purchases Resulting from Direct Pay	1,384	1,338	1,331	1,326	1,330	1,326
Total Nondefense Expenditures	270,445	281,555	292,733	303,820	314,395	325,555
Total Output	280,006	290,733	301,559	312,552	323,463	334,726
Government Industry Compensation	2,065	2,011	2,010	2,008	2,022	2,024

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Ships & boats	1,078	1,177	1,243	1,143	1,330	1,368
Water transport	729	630	548	527	538	545
New construction	235	224	204	216	227	230
Professional services	158	152	136	138	141	144
Trucking, highway passenger transit	162	134	120	116	122	123

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Petroleum refining	367	339	314	316	326	327
Wholesale trade	176	169	159	162	168	173
Real estate and royalties	151	146	136	138	141	144
Aerospace	133	144	152	164	176	185
Water transport	137	122	109	107	110	112

**Maine Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,611	3,455	3,375	3,297	3,519	3,553
Indirect Defense Purchases Resulting from Direct Purchases	1,318	1,268	1,200	1,218	1,259	1,289
Indirect Defense Purchases Resulting from Direct Pay	542	525	523	522	524	524
Total Nondefense Expenditures	80,868	84,548	88,019	91,374	94,565	98,090
Total Output	86,361	89,815	93,135	96,427	99,881	103,468

Government Industry Compensation	912	896	901	903	909	910
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**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Ships & boats	812	904	975	892	1,054	1,084
Medical instruments & supplies	543	441	405	391	400	395
Trucking, highway passenger transit	227	187	167	162	171	171
Air transport	160	142	134	135	140	141
Physicians	144	129	85	83	82	82

**Indirect Defense Purchases Resulting from Direct Expenditures**

Real estate and royalties	301	291	273	276	284	290
Finance & insurance	168	160	150	152	156	160
Automobile services	82	77	73	73	76	78
Aerospace	62	68	71	77	82	87
Paper	61	58	53	53	55	55

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**Maryland Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	19,503	18,672	17,695	17,759	17,970	18,144
Indirect Defense Purchases Resulting from Direct Purchases	6,278	6,043	5,652	5,722	5,887	6,037
Indirect Defense Purchases Resulting from Direct Pay	2,863	2,776	2,767	2,762	2,774	2,770
Total Nondefense Expenditures	339,321	355,249	371,027	385,585	399,546	414,590
Total Output	367,937	382,715	397,120	411,769	426,118	441,489
Government Industry Compensation	6,005	5,879	5,907	5,921	5,961	5,971

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	4,369	4,225	4,011	4,013	4,050	4,094
Computer & data processing	1,150	1,062	885	876	878	888
Other medical services & dentists	907	868	779	779	785	794
Aerospace	681	721	734	779	808	843
Metal products	604	624	616	615	639	660

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Professional services	1,452	1,380	1,304	1,319	1,350	1,379
Computer & data processing	1,162	1,135	1,046	1,063	1,098	1,133
Advertising	394	384	363	367	373	379
Real estate and royalties	379	365	342	345	354	361
Other business services	245	246	222	224	234	249

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**Massachusetts Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	11,165	10,932	10,516	10,627	10,842	11,084
Indirect Defense Purchases Resulting from Direct Purchases	5,396	5,290	5,129	5,223	5,386	5,520
Indirect Defense Purchases Resulting from Direct Pay	1,201	1,166	1,163	1,161	1,167	1,165
Total Nondefense Expenditures	430,946	452,157	472,085	491,095	508,802	528,021
Total Output	448,682	469,524	488,879	508,093	526,186	545,781
Government Industry Compensation	1,258	1,233	1,237	1,239	1,246	1,247

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	3,891	4,020	3,986	4,005	4,049	4,110
Communication equipment	1,258	1,163	1,145	1,153	1,171	1,196
Aerospace	981	1,030	1,038	1,100	1,140	1,188
Water transport	678	626	528	515	506	517
Metal products	438	440	425	429	461	484

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Professional services	1,293	1,312	1,296	1,316	1,350	1,385
Other business services	555	534	542	559	571	572
Electronic components	341	345	339	356	375	396
Computer & data processing	314	318	316	322	332	339
Wholesale trade	316	304	288	291	302	311

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**Michigan Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	5,000	4,546	4,307	4,349	4,543	4,718
Indirect Defense Purchases Resulting from Direct Purchases	5,403	5,207	4,924	4,992	5,175	5,326
Indirect Defense Purchases Resulting from Direct Pay	2,035	1,971	1,952	1,947	1,948	1,945
Total Nondefense Expenditures	633,572	665,006	693,138	719,352	744,196	771,163
Total Output	646,033	676,753	704,342	730,659	755,881	783,169
Government Industry Compensation	1,346	1,324	1,331	1,335	1,341	1,342

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Other transportation equipment	438	319	298	295	342	426
Professional services	272	271	254	256	258	260
Trucking, highway passenger transit	264	217	195	188	199	199
Air transport	237	211	199	200	208	209
Agriculture, construction, mining & oilfield equipment	198	177	175	175	173	177

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Metal products	520	518	504	511	534	552
Wholesale trade	406	389	367	370	383	393
Real estate and royalties	389	376	353	357	367	375
Primary nonferrous metals	244	250	248	257	268	279
Plastic products	257	249	237	242	250	259

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**Minnesota Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	4,358	4,225	4,028	4,054	4,138	4,188
Indirect Defense Purchases Resulting from Direct Purchases	3,715	3,601	3,412	3,460	3,572	3,662
Indirect Defense Purchases Resulting from Direct Pay	934	904	899	895	897	894
Total Nondefense Expenditures	357,918	375,573	391,164	406,280	420,482	436,018
Total Output	366,935	384,313	399,512	414,698	429,099	444,770
Government Industry Compensation	664	650	650	650	653	653

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Metal products	840	878	873	866	871	870
Professional services	719	729	703	706	713	723
Aerospace	277	293	299	310	316	322
Air transport	277	248	233	234	242	243
Trucking, highway passenger transit	208	171	154	148	157	157

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Wholesale trade	276	266	251	254	263	271
Printing & publishing	268	258	235	235	238	242
Real estate and royalties	259	250	235	237	244	249
Professional services	239	238	229	232	238	244
Electronic components	198	201	197	207	218	230

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**Mississippi Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	5,711	5,648	5,505	5,394	5,743	5,815
Indirect Defense Purchases Resulting from Direct Purchases	3,544	3,427	3,281	3,346	3,451	3,527
Indirect Defense Purchases Resulting from Direct Pay	1,338	1,296	1,248	1,245	1,250	1,248
Total Nondefense Expenditures	172,260	179,849	186,541	193,289	199,738	206,707
Total Output	182,879	190,243	196,595	203,293	210,199	217,312
Government Industry Compensation	2,140	2,088	1,991	1,991	2,005	2,008

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Ships & boats	1,384	1,539	1,660	1,519	1,796	1,846
New construction	278	266	244	262	277	280
Trucking, highway passenger transit	310	256	229	221	233	234
Aerospace	178	190	195	209	217	228
Computer & data processing	172	157	127	125	124	126

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Other business services	1,277	1,241	1,221	1,255	1,289	1,310
Real estate and royalties	291	281	263	266	273	279
Computer & data processing	173	168	149	151	155	161
Finance & insurance	129	123	115	117	120	123
Electronic components	116	117	115	121	127	134

**Missouri Summary**  
(Millions of 2005 dollars)

**2004      2005      2006      2007      2008      2009**

**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	9,796	9,723	9,669	9,934	10,135	10,387
Indirect Defense Purchases Resulting from Direct Purchases	3,687	3,568	3,380	3,436	3,561	3,662
Indirect Defense Purchases Resulting from Direct Pay	1,775	1,720	1,711	1,707	1,713	1,709
Total Nondefense Expenditures	380,543	398,133	414,544	430,417	445,623	462,004
Total Output	395,686	413,036	429,211	445,402	460,950	477,688
Government Industry Compensation	2,263	2,209	2,209	2,208	2,223	2,224

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Aerospace	3,074	3,287	3,376	3,602	3,745	3,917
Agriculture, construction, mining & oilfield equipment	1,547	1,383	1,370	1,372	1,355	1,385
Professional services	966	986	975	988	1,015	1,045
Search & navigation equipment	533	560	562	565	554	542
New construction	143	137	124	132	138	140

**Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	321	322	317	325	338	352
Wholesale trade	272	261	247	251	260	268
Communications services	263	252	234	237	243	248
Printing & publishing	197	189	173	173	176	178
Electronic components	170	172	169	177	187	197

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**Montana Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	779	741	710	715	729	732
Indirect Defense Purchases Resulting from Direct Purchases	515	493	460	465	481	491
Indirect Defense Purchases Resulting from Direct Pay	253	245	244	243	244	243
Total Nondefense Expenditures	52,685	54,896	56,887	58,891	60,839	62,940
Total Output	54,231	56,375	58,301	60,315	62,293	64,407
Government Industry Compensation	434	423	422	422	424	424

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

New construction	100	96	87	91	96	97
Trucking, highway passenger transit	37	30	27	26	28	28
Electric utilities	23	22	19	20	20	20
Professional services	21	21	19	19	20	20
Air transport	20	18	17	17	18	19

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Real estate and royalties	48	46	43	43	44	45
Finance & insurance	37	36	33	34	35	36
Wholesale trade	35	33	32	32	33	34
Petroleum refining	34	32	29	29	30	30
Electric utilities	26	25	24	24	25	26

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**Nebraska Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,785	1,712	1,628	1,629	1,646	1,653
Indirect Defense Purchases Resulting from Direct Purchases	1,151	1,107	1,037	1,050	1,084	1,110
Indirect Defense Purchases Resulting from Direct Pay	670	648	644	641	642	639
Total Nondefense Expenditures	122,633	128,056	132,811	137,520	141,958	146,753
Total Output	126,243	131,526	136,122	140,843	145,332	150,158
Government Industry Compensation	976	952	952	951	958	958

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Computer & data processing	145	136	117	116	116	117
New construction	143	135	117	119	121	123
Professional services	131	123	105	104	104	105
Aerospace	60	63	65	66	67	68
Communication equipment	42	44	45	45	44	43

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Computer & data processing	147	145	138	141	145	150
Wholesale trade	99	95	90	90	94	96
Trucking, highway passenger transit	75	68	63	63	66	67
Real estate and royalties	64	61	57	58	59	60
Electronic components	60	61	60	63	66	70

**Nevada Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,006	2,815	2,666	2,696	2,767	2,784
Indirect Defense Purchases Resulting from Direct Purchases	1,562	1,504	1,413	1,432	1,482	1,519
Indirect Defense Purchases Resulting from Direct Pay	651	632	631	630	634	633
Total Nondefense Expenditures	266,884	277,347	287,860	297,681	307,506	317,944
Total Output	272,106	282,300	292,572	302,440	312,390	322,881
Government Industry Compensation	1,152	1,127	1,125	1,122	1,126	1,125

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Trucking, highway passenger transit	334	275	247	238	252	252
Professional services	231	215	180	179	179	181
New construction	222	213	203	225	243	245
Air transport	226	200	189	190	198	199
Hotels	86	77	73	73	75	76

**Indirect Defense Purchases Resulting from Direct Expenditures**

Real estate and royalties	320	309	290	293	301	308
Finance & insurance	135	128	120	122	126	128
Metal mining	85	89	90	95	103	110
Automobile services	92	88	83	83	86	88
Federal & state and local government enterprises	79	74	67	67	68	69

## New Hampshire Summary

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	2,891	2,680	2,541	2,557	2,621	2,629
Indirect Defense Purchases Resulting from Direct Purchases	1,802	1,746	1,651	1,674	1,731	1,779
Indirect Defense Purchases Resulting from Direct Pay	289	280	279	279	280	280
Total Nondefense Expenditures	75,144	79,197	82,951	86,387	89,577	93,104
Total Output	80,126	83,904	87,422	90,897	94,210	97,792
Government Industry Compensation	338	333	333	332	333	332

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### Total Direct Expenditures (Purchases and Pay)

Trucking, highway passenger transit	443	363	326	315	333	333
Air transport	306	271	257	258	268	269
Professional services	243	246	239	242	246	250
Communications services	223	224	220	218	211	203
Hotels	144	128	121	122	126	127

#### Indirect Defense Purchases Resulting from Direct Expenditures

Real estate and royalties	366	353	331	335	344	352
Finance & insurance	185	176	165	166	172	176
Electronic components	113	114	112	118	124	131
Other business services	110	110	98	100	104	111
Automobile services	99	94	89	89	92	94

## New Jersey Summary

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	8,720	8,376	7,798	7,914	8,131	8,363
Indirect Defense Purchases Resulting from Direct Purchases	7,372	7,143	6,637	6,723	6,980	7,248
Indirect Defense Purchases Resulting from Direct Pay	1,958	1,899	1,892	1,888	1,896	1,892
Total Nondefense Expenditures	592,766	619,952	646,226	670,992	694,375	719,519
Total Output	610,799	637,353	662,540	687,507	711,372	737,012
Government Industry Compensation	2,217	2,175	2,188	2,196	2,210	2,214

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### Total Direct Expenditures (Purchases and Pay)

Professional services	2,263	2,252	2,190	2,231	2,340	2,472
Search & navigation equipment	482	462	401	460	485	517
Transportation services	491	441	290	285	284	283
Communication equipment	261	245	241	242	245	250
Computer & data processing	264	242	205	204	206	208

#### Indirect Defense Purchases Resulting from Direct Expenditures

Other business services	1,626	1,641	1,457	1,478	1,547	1,655
Professional services	752	735	712	733	780	833
Wholesale trade	521	499	473	479	497	511
Other chemicals	379	356	329	325	329	332
Communications services	355	340	316	319	327	333

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**New Mexico Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,047	5,680	5,412	5,466	5,602	5,649
Indirect Defense Purchases Resulting from Direct Purchases	3,642	3,514	3,310	3,348	3,447	3,519
Indirect Defense Purchases Resulting from Direct Pay	797	773	770	769	772	771
Total Nondefense Expenditures	93,482	98,042	102,503	106,602	110,489	114,741
Total Output	103,968	108,009	111,997	116,185	120,312	124,681
Government Industry Compensation	1,573	1,539	1,541	1,541	1,551	1,552

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	850	858	820	824	830	836
Trucking, highway passenger transit	625	514	461	445	470	471
Air transport	531	474	448	450	472	478
New construction	363	348	328	359	385	389
Real estate and royalties	328	311	287	294	302	309

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Real estate and royalties	1,415	1,368	1,284	1,298	1,336	1,366
Finance & insurance	463	439	412	416	430	439
Professional services	282	280	267	271	277	282
Automobile services	191	181	171	172	178	181
Federal & state and local government enterprises	179	168	153	153	156	158

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**New York Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	9,894	9,547	8,994	9,128	9,364	9,571
Indirect Defense Purchases Resulting from Direct Purchases	8,792	8,476	7,982	8,079	8,338	8,558
Indirect Defense Purchases Resulting from Direct Pay	2,913	2,827	2,820	2,818	2,834	2,832
Total Nondefense Expenditures	1,147,049	1,199,030	1,250,239	1,299,878	1,346,575	1,397,754
Total Output	1,168,633	1,219,865	1,270,023	1,319,892	1,367,101	1,418,707
Government Industry Compensation	2,568	2,503	2,505	2,505	2,524	2,526

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	1,278	1,299	1,266	1,276	1,297	1,324
Metal products	1,222	1,223	1,181	1,193	1,288	1,355
Aerospace	772	812	820	855	878	903
Search & navigation equipment	652	629	553	628	658	697
Advertising	440	406	329	324	322	325

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Advertising	1,052	1,017	950	961	980	999
Wholesale trade	824	788	748	760	789	813
Printing & publishing	685	654	599	601	610	619
Communications services	623	596	555	563	577	589
Electronic components	464	470	461	484	510	539

## North Carolina Summary

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	9,504	9,091	8,842	8,867	8,976	9,020
Indirect Defense Purchases Resulting from Direct Purchases	4,747	4,470	4,196	4,248	4,403	4,522
Indirect Defense Purchases Resulting from Direct Pay	4,349	4,212	4,194	4,184	4,200	4,192
Total Nondefense Expenditures	525,168	549,501	572,068	593,732	614,439	637,005
Total Output	543,785	567,289	589,314	611,044	632,031	654,751
Government Industry Compensation	7,012	6,810	6,793	6,781	6,837	6,842

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### **Total Direct Expenditures (Purchases and Pay)**

New construction	465	441	390	402	415	421
Professional services	258	254	232	231	231	233
Rubber products	166	147	160	186	199	206
Communication equipment	149	137	124	123	124	128
Trucking, highway passenger transit	151	126	113	109	115	115

#### **Indirect Defense Purchases Resulting from Direct Expenditures**

Wholesale trade	363	349	330	335	348	358
Textiles and knitting	446	330	300	299	316	322
Electronic components	317	321	315	331	349	369
Communications services	209	201	186	189	193	197
Other chemicals	189	178	164	163	165	166

**North Dakota Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,713	1,583	1,498	1,514	1,558	1,570
Indirect Defense Purchases Resulting from Direct Purchases	887	856	802	808	832	849
Indirect Defense Purchases Resulting from Direct Pay	297	287	286	285	286	285
Total Nondefense Expenditures	40,693	42,425	43,980	45,504	46,911	48,463
Total Output	43,592	45,153	46,567	48,113	49,589	51,169
Government Industry Compensation	552	535	534	533	538	539

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

<b>Total Direct Expenditures (Purchases and Pay)</b>						
Hotels	407	362	343	345	357	358
New construction	230	219	197	207	216	219
Trucking, highway passenger transit	94	77	69	67	71	71
Air transport	76	67	64	64	66	67
Electric utilities	63	59	53	53	54	55
<b>Indirect Defense Purchases Resulting from Direct Expenditures</b>						
Hotels	201	197	189	190	194	196
Real estate and royalties	146	141	132	133	136	139
Electric utilities	71	69	65	66	68	70
Finance & insurance	51	48	45	46	47	48
Gas utilities	44	42	38	38	39	40

**Ohio Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	10,281	9,843	9,304	9,429	9,619	9,768
Indirect Defense Purchases Resulting from Direct Purchases	9,299	9,024	8,541	8,660	8,969	9,229
Indirect Defense Purchases Resulting from Direct Pay	2,798	2,710	2,694	2,687	2,695	2,689
Total Nondefense Expenditures	770,563	808,059	842,780	875,453	906,510	939,979
Total Output	792,951	829,647	863,329	896,238	927,805	961,676
Government Industry Compensation	3,332	3,272	3,291	3,301	3,320	3,325

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	1,481	1,500	1,432	1,431	1,431	1,439
Aerospace	1,007	1,062	1,075	1,141	1,183	1,234
Computer & data processing	491	449	378	375	379	383
Alcoholic beverages	503	417	234	223	224	222
Trucking, highway passenger transit	427	350	315	303	321	321

**Indirect Defense Purchases Resulting from Direct Expenditures**

Primary nonferrous metals	552	565	560	579	606	629
Metal products	525	523	509	516	539	557
Wholesale trade	535	513	484	490	507	521
Professional services	492	490	466	470	477	485
Computer & data processing	496	480	446	455	473	489

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**Oklahoma Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,150	5,926	5,731	5,791	5,891	5,964
Indirect Defense Purchases Resulting from Direct Purchases	2,988	2,880	2,691	2,731	2,836	2,935
Indirect Defense Purchases Resulting from Direct Pay	1,809	1,753	1,745	1,741	1,748	1,744
Total Nondefense Expenditures	212,049	221,331	230,346	238,932	247,175	255,847
Total Output	222,999	231,893	240,517	249,198	257,654	266,494
Government Industry Compensation	3,497	3,418	3,430	3,435	3,460	3,466

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	459	447	419	427	448	471
Aerospace	374	397	405	433	451	474
Air transport	417	382	352	356	364	367
New construction	321	305	270	281	290	294
Education, social services, membership organizations	129	122	105	103	103	104

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Other business services	385	388	341	346	363	389
Automobile services	217	211	194	196	199	203
Advertising	207	193	196	200	212	225
Professional services	153	146	136	140	149	159
Real estate and royalties	139	134	125	127	130	133

**Oregon Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,926	1,794	1,721	1,740	1,790	1,819
Indirect Defense Purchases Resulting from Direct Purchases	2,057	1,997	1,896	1,930	2,002	2,060
Indirect Defense Purchases Resulting from Direct Pay	719	696	693	691	694	692
Total Nondefense Expenditures	219,498	229,705	239,342	248,776	257,833	267,737
Total Output	224,225	234,215	243,672	253,156	262,337	272,324
Government Industry Compensation	803	790	791	791	793	792

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Trucking, highway passenger transit	150	124	111	107	113	113
Air transport	92	82	77	77	80	81
Water and sanitary services	74	69	62	64	67	67
Motor vehicles	82	65	54	61	73	90
New construction	57	55	54	62	68	69

**Indirect Defense Purchases Resulting from Direct Expenditures**

Real estate and royalties	207	209	205	215	227	240
Real estate and royalties	212	205	192	194	199	203
Wholesale trade	173	167	158	161	167	173
Printing & publishing	85	82	75	75	76	78
Trucking, highway passenger transit	86	79	73	73	77	78

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**Pennsylvania Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	15,436	14,559	13,890	14,012	14,489	14,903
Indirect Defense Purchases Resulting from Direct Purchases	16,945	16,354	15,513	15,749	16,267	16,672
Indirect Defense Purchases Resulting from Direct Pay	2,904	2,812	2,798	2,791	2,801	2,794
Total Nondefense Expenditures	789,528	826,646	862,019	895,396	926,737	960,602
Total Output	824,845	860,404	894,252	927,979	960,326	995,000
Government Industry Compensation	3,332	3,276	3,298	3,309	3,326	3,331

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	2,402	2,425	2,409	2,458	2,576	2,712
Metal products	1,229	1,235	1,196	1,207	1,296	1,360
Finance & insurance	1,141	1,076	1,002	1,018	1,030	1,039
Other medical services & dentists	858	819	732	731	736	743
Aerospace	701	737	745	766	779	791

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Finance & insurance	7,837	7,520	7,061	7,165	7,374	7,536
Professional services	798	792	783	808	859	914
Computer & data processing	550	534	513	525	549	567
Wholesale trade	495	474	448	454	471	485
Real estate and royalties	462	447	419	423	435	445

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**Rhode Island Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,759	1,702	1,621	1,632	1,653	1,671
Indirect Defense Purchases Resulting from Direct Purchases	726	697	651	659	680	697
Indirect Defense Purchases Resulting from Direct Pay	449	436	434	434	437	436
Total Nondefense Expenditures	62,363	65,381	68,206	70,967	73,605	76,478
Total Output	65,299	68,217	70,914	73,694	76,376	79,284
Government Industry Compensation	808	791	794	797	802	804

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	336	325	288	285	283	285
Search & navigation equipment	113	115	109	115	116	118
New construction	117	111	96	97	99	100
Aerospace	56	60	62	66	69	72
Electronic components	44	42	39	41	46	51

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Professional services	112	106	94	94	94	96
Real estate and royalties	51	49	46	46	47	48
Finance & insurance	45	43	41	41	42	43
Wholesale trade	38	36	34	35	36	37
Advertising	37	36	33	34	35	35

## South Carolina Summary

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	6,546	6,238	5,982	6,019	6,107	6,174
Indirect Defense Purchases Resulting from Direct Purchases	3,016	2,843	2,645	2,677	2,771	2,846
Indirect Defense Purchases Resulting from Direct Pay	2,022	1,961	1,954	1,951	1,961	1,959
Total Nondefense Expenditures	246,416	258,088	269,427	280,071	291,176	302,417
Total Output	257,999	269,130	280,008	290,720	302,014	313,394
Government Industry Compensation	3,464	3,376	3,371	3,366	3,388	3,389

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### Total Direct Expenditures (Purchases and Pay)

Professional services	508	473	395	392	394	403
New construction	333	316	282	294	305	309
Agriculture, construction, mining & oilfield equipment	350	313	308	308	304	311
Metal products	154	171	174	173	179	195
Aerospace	148	158	162	173	181	190

#### Indirect Defense Purchases Resulting from Direct Expenditures

Real estate and royalties	194	188	176	178	182	186
Textiles and knitting	214	158	144	144	152	155
Professional services	169	155	128	129	131	136
Wholesale trade	145	139	132	134	139	144
Electronic components	136	137	135	141	149	158

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**South Dakota Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	696	649	618	619	629	632
Indirect Defense Purchases Resulting from Direct Purchases	450	433	406	411	424	434
Indirect Defense Purchases Resulting from Direct Pay	244	236	235	234	235	235
Total Nondefense Expenditures	49,259	51,581	53,533	55,428	57,230	59,209
Total Output	50,650	52,900	54,792	56,693	58,519	60,510
Government Industry Compensation	361	352	351	351	353	353

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Computers	66	59	53	52	53	53
New construction	54	51	45	47	49	50
Trucking, highway passenger transit	38	31	28	27	29	29
Professional services	17	16	13	14	14	14
Hotels	15	13	13	13	13	13

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Finance & insurance	45	43	40	40	41	42
Finance & insurance	44	42	39	40	41	42
Wholesale trade	37	35	33	33	35	35
Electronic components	22	23	22	23	24	26
Communications services	20	20	18	18	19	19

**Tennessee Summary**  
(Millions of 2005 dollars)

**2004      2005      2006      2007      2008      2009**

**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,471	5,981	5,671	5,683	5,783	5,807
Indirect Defense Purchases Resulting from Direct Purchases	4,276	4,127	3,911	3,961	4,085	4,181
Indirect Defense Purchases Resulting from Direct Pay	1,553	1,505	1,499	1,496	1,502	1,500
Total Nondefense Expenditures	369,779	388,232	405,904	422,507	438,316	455,423
Total Output	382,106	399,873	417,008	433,669	449,707	466,930
Government Industry Compensation	1,548	1,523	1,523	1,522	1,525	1,524

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Air transport	1,840	1,694	1,554	1,575	1,604	1,617
Professional services	997	1,050	1,049	1,048	1,039	1,030
Trucking, highway passenger transit	411	340	305	295	310	311
Apparel	488	294	252	238	254	255
New construction	143	137	130	142	152	154

**Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	331	343	341	344	346	347
Movies and amusements	313	297	266	265	267	270
Wholesale trade	273	263	249	253	263	271
Air transport	242	241	231	235	242	248
Electronic components	214	216	212	223	235	248

**Texas Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	31,028	30,012	28,990	29,518	30,314	30,996
Indirect Defense Purchases Resulting from Direct Purchases	16,364	15,816	14,898	15,124	15,680	16,149
Indirect Defense Purchases Resulting from Direct Pay	7,681	7,439	7,410	7,394	7,424	7,409
Total Nondefense Expenditures	1,300,835	1,357,819	1,418,455	1,475,021	1,528,919	1,586,061
Total Output	1,355,708	1,410,900	1,469,592	1,526,906	1,582,203	1,640,495
Government Industry Compensation	12,104	11,808	11,797	11,782	11,857	11,860

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Aerospace	5,875	6,261	6,412	6,754	6,967	7,210
Professional services	2,377	2,352	2,236	2,278	2,356	2,436
Air transport	1,023	917	861	866	897	903
New construction	916	876	806	864	915	926
Trucking, highway passenger transit	839	696	623	603	634	635

**Indirect Defense Purchases Resulting from Direct Expenditures**

Other business services	1,842	1,841	1,665	1,691	1,765	1,867
Real estate and royalties	1,213	1,171	1,097	1,107	1,138	1,162
Wholesale trade	993	948	901	916	952	982
Petroleum refining	874	807	747	751	775	777
Professional services	790	768	727	749	785	821

**Utah Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	3,977	3,856	3,720	3,752	3,819	3,873
Indirect Defense Purchases Resulting from Direct Purchases	1,819	1,759	1,656	1,684	1,749	1,805
Indirect Defense Purchases Resulting from Direct Pay	981	951	948	946	950	949
Total Nondefense Expenditures	161,827	169,271	176,609	183,564	190,215	197,300
Total Output	168,620	175,852	182,947	189,959	196,747	203,940
 Government Industry Compensation	 1,816	 1,781	 1,793	 1,800	 1,812	 1,816

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	868	853	804	816	846	882
New construction	187	177	158	164	170	172
Communication equipment	159	166	168	168	166	164
Aerospace	90	93	93	98	102	106
Trucking, highway passenger transit	106	88	79	76	80	80

**Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	288	279	262	268	282	297
Real estate and royalties	109	105	99	99	102	104
Wholesale trade	95	92	87	89	92	95
Air transport	76	76	72	74	76	78
Advertising	71	69	64	65	66	68

**Vermont Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,893	1,744	1,643	1,672	1,752	1,778
Indirect Defense Purchases Resulting from Direct Purchases	1,200	1,156	1,088	1,102	1,137	1,163
Indirect Defense Purchases Resulting from Direct Pay	148	144	143	142	143	143
Total Nondefense Expenditures	39,801	41,815	43,563	45,147	46,589	48,233
Total Output	43,048	44,863	46,442	48,068	49,625	51,320
Government Industry Compensation	167	163	163	163	164	164

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Metal products	253	255	247	249	266	278
Trucking, highway passenger transit	241	198	178	172	181	181
Air transport	208	185	175	176	183	183
New construction	127	123	123	142	157	158
Professional services	101	97	89	91	95	98

**Indirect Defense Purchases Resulting from Direct Expenditures**

Real estate and royalties	397	383	360	363	374	382
Finance & insurance	132	125	118	119	123	125
Automobile services	88	83	79	79	82	84
Federal & state and local government enterprises	80	75	68	69	70	71
Electronic components	53	54	53	55	58	62

**Virginia Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	48,014	46,602	43,994	43,966	44,524	44,903
Indirect Defense Purchases Resulting from Direct Purchases	14,287	13,922	12,891	13,066	13,436	13,820
Indirect Defense Purchases Resulting from Direct Pay	8,483	8,225	8,196	8,179	8,214	8,199
Total Nondefense Expenditures	542,445	568,385	595,330	618,233	640,205	663,443
Total Output	613,212	637,122	660,400	683,433	706,370	730,357
Government Industry Compensation	18,333	17,913	17,959	17,979	18,103	18,128

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Professional services	9,924	9,854	9,177	9,186	9,247	9,368
Computer & data processing	5,125	4,758	3,973	3,927	3,927	3,966
Ships & boats	1,580	1,721	1,813	1,672	1,918	1,961
Communications services	1,424	1,290	1,172	1,183	1,192	1,204
New construction	1,311	1,247	1,115	1,165	1,212	1,228

**Indirect Defense Purchases Resulting from Direct Expenditures**

Computer & data processing	5,177	5,085	4,694	4,769	4,908	5,058
Professional services	3,299	3,218	2,984	3,019	3,083	3,156
Other business services	826	833	741	749	785	838
Advertising	744	717	674	683	701	717
Communications services	305	292	272	275	282	288

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**Washington Summary**

(Millions of 2005 dollars)

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**2004      2005      2006      2007      2008      2009**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	12,020	11,635	11,309	11,331	11,484	11,538
Indirect Defense Purchases Resulting from Direct Purchases	4,465	4,388	4,211	4,306	4,473	4,604
Indirect Defense Purchases Resulting from Direct Pay	3,306	3,205	3,191	3,185	3,197	3,192
Total Nondefense Expenditures	390,477	409,910	428,571	446,153	462,930	481,095
Total Output	410,433	429,294	447,421	465,109	482,212	500,545
Government Industry Compensation	6,060	5,913	5,918	5,918	5,959	5,965

**LARGEST PURCHASES BY INDUSTRIAL SECTORS****Total Direct Expenditures (Purchases and Pay)**

Professional services	1,569	1,620	1,594	1,597	1,601	1,609
Aerospace	946	1,001	1,017	1,031	1,038	1,037
New construction	568	539	479	498	515	522
Communication equipment	305	276	272	274	280	288
Trucking, highway passenger transit	252	214	190	185	193	193

**Indirect Defense Purchases Resulting  
from Direct Expenditures**

Aerospace	620	675	711	764	821	866
Professional services	521	529	518	525	534	542
Real estate and royalties	340	328	308	311	319	326
Wholesale trade	284	274	260	265	276	285
Communications services	189	182	170	172	177	181

**West Virginia Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,476	1,360	1,289	1,301	1,342	1,349
Indirect Defense Purchases Resulting from Direct Purchases	1,391	1,337	1,262	1,276	1,316	1,344
Indirect Defense Purchases Resulting from Direct Pay	299	290	288	287	289	288
Total Nondefense Expenditures	93,131	96,899	100,542	104,120	107,495	111,170
Total Output	96,303	99,891	103,386	106,988	110,447	114,155
Government Industry Compensation	389	381	381	381	383	383

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Trucking, highway passenger transit	325	267	240	231	245	245
New construction	92	89	87	98	107	108
Professional services	79	82	81	82	83	84
Air transport	89	79	75	75	78	79
Hotels	59	52	50	50	52	52

**Indirect Defense Purchases Resulting from Direct Expenditures**

Real estate and royalties	195	188	176	178	183	187
Coal mining	140	133	123	125	128	131
Finance & insurance	118	112	105	106	110	112
Primary nonferrous metals	68	70	69	72	75	78
Automobile services	64	60	57	57	59	60

**Wisconsin Summary**  
(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,531	2,870	2,602	2,620	2,775	2,919
Indirect Defense Purchases Resulting from Direct Purchases	3,610	3,476	3,286	3,336	3,459	3,564
Indirect Defense Purchases Resulting from Direct Pay	1,055	1,020	1,014	1,010	1,012	1,009
Total Nondefense Expenditures	374,706	393,510	410,180	425,897	440,670	456,730
Total Output	382,928	400,901	417,104	432,885	447,937	464,241
Government Industry Compensation	660	647	647	647	650	650

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

**Total Direct Expenditures (Purchases and Pay)**

Apparel	893	519	470	446	481	483
Motor vehicles	451	349	279	313	380	480
Professional services	155	147	128	128	130	134
Metal products	141	144	141	142	152	162
Aerospace	124	132	135	144	150	157

**Indirect Defense Purchases Resulting from Direct Expenditures**

Metal products	269	268	260	264	276	285
Printing & publishing	263	252	230	230	232	235
Electronic components	247	250	245	257	271	287
Wholesale trade	245	236	222	225	233	239
Paper	243	229	211	212	217	220

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## Wyoming Summary

(Millions of 2005 dollars)

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2004 2005 2006 2007 2008 2009

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	596	562	535	538	547	549
Indirect Defense Purchases Resulting from Direct Purchases	435	412	382	385	397	402
Indirect Defense Purchases Resulting from Direct Pay	189	183	182	181	182	181
Total Nondefense Expenditures	36,501	37,767	38,962	40,208	41,430	42,613
Total Output	37,722	38,924	40,060	41,312	42,556	43,746
Government Industry Compensation	347	337	336	336	338	339

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### Total Direct Expenditures (Purchases and Pay)

New construction	73	69	61	63	65	66
Trucking, highway passenger transit	23	19	17	16	17	17
Professional services	17	17	16	17	18	18
Hotels	17	16	15	15	15	15
Electric utilities	15	14	12	13	13	13

#### Indirect Defense Purchases Resulting from Direct Expenditures

Coal mining	41	39	36	37	38	38
Petroleum refining	33	31	28	28	29	29
Finance & insurance	32	30	28	29	30	30
Real estate and royalties	31	30	28	28	28	29
Natural gas extraction	32	30	27	27	27	28

## Entire United States Summary

(Millions of 2005 dollars)

	2004	2005	2006	2007	2008	2009
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	446,864	431,541	414,417	417,484	426,171	431,885
Indirect Defense Purchases Resulting from Direct Purchases	238,436	230,566	218,171	221,522	228,965	235,026
Indirect Defense Purchases Resulting from Direct Pay	99,676	96,593	96,180	95,984	96,373	96,199
Total Nondefense Expenditures	18,485,202	19,354,673	20,199,812	20,998,691	21,762,652	22,587,174
Total Output	19,270,177	20,113,374	20,928,580	21,733,681	22,514,161	23,350,284
 Government Industry Compensation	 155,329	 151,717	 151,814	 151,849	 152,851	 152,997

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

#### **Total Direct Expenditures (Purchases and Pay)**

Professional services	65,197	65,413	62,569	62,970	63,878	65,019
Aerospace	39,043	41,421	42,225	44,111	45,275	46,538
New construction	15,539	14,830	13,450	14,230	14,916	15,096
Computer & data processing	12,984	12,105	10,346	10,253	10,290	10,379
Air transport	13,204	11,943	11,143	11,240	11,642	11,763

#### **Indirect Defense Purchases Resulting from Direct Expenditures**

Professional services	21,672	21,358	20,344	20,695	21,294	21,908
Other business services	17,954	17,666	16,827	17,185	17,765	18,336
Real estate and royalties	14,988	14,465	13,543	13,673	14,047	14,341
Finance & insurance	14,727	14,088	13,223	13,399	13,807	14,110
Computer & data processing	13,116	12,936	12,223	12,450	12,859	13,236

# APPENDIX

National		SIC Classification	State Level	
ind #	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	Metal Mining
12	Copper Ore	1020		
13	Other Nonferrous Ores	1030 1040 1050 1080 1090		
14	Coal Mining	1200	3	Coal Mining
15	Natural Gas Extraction	1312	4	Natural Gas
16	Crude Oil Extraction	1311 1320 1380	5	Crude Oil
17	Stone and Clay Quarrying and Mining	1410 1420 1440 1450 1480 1490	6	Nonmetallic Mining
18	Chemical and Fertilizer Minerals Mining	1470		
19	New Construction	1600	7	Construction
20	Maintenance Constructor	1500	8	Maintenance Constructor
21	Guided Missiles and Space Vehicles	3761	51	Aerospace
22	Ammunition, Except Small Arms	3483	34	Metal Products
23	Tanks and Tank Components	3795	53	Other Transportation Equipment
24	Small Arms	3484	34	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	Meat Products
28	Poultry Slaughtering and Processing	2015		
29	Dairy Products, Except Fluid Milk	2021 2022 2023 2024	10	Dairy Products
30	Fluid Milk	2026		
31	Fish and Seafoods	2091 2092	14	Other Food Products
32	Preserved Fruits and Vegetables, Frozen Bakery Products	2032 2033 2034 2035 2037 2038	11	Canned and Frozen Foods
33	Flour, Cereals, and Other Grain Mill Products	2041 2043 2045	12	Bakery and Grain Mill Products
34	Prepared Animal Feeds	2047 2048		
35	Rice Milling	2044		
36	Wet Corn Milling	2046		

National		SIC Classification				State Level			
ind #	Industry Title	Classification Code(s)				sec #	Industrial Sector Title		
37	Bakery Products	2051	2052	2053	12	Bakery and Grain Mill Products			
38	Sugar	2061	2062	2063	14	Other Food Products			
39	Confectionery, Chocolate Products, and Roasted Nuts	2064	2066	2067	2068				
40	Beer, Malt Beverages, and Malt	2082	2083		13	Alcoholic Beverages			
41	Wines, Brandy, and Brandy Spirits	2084							
42	Distilled and Blended Liquors	2085							
43	Soft Drinks and Flavorings	2086	2087		14	Other Food Products			
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			15	Tobacco Products			
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	16	Textiles and 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	
59	Apparel	2300-2390					17	Apparel and Household Textiles	
60	Household Textile Products	2391	2392						
61	Miscellaneous Fabricated Textile Products	2393	2394	2395	2396	2397	2399	3999	
62	Logging Camps and Contractors	2411					29	Lumber	
63	Sawmills and Planing Mills	2421	2426	2429					
64	Millwork and Wood Kitchen Cabinets	2431	2434						
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	30	Furniture
73	Office Furniture	2521	2522						
74	Public Building and Related Furniture	2531							
75	Partitions and Fixtures	2541	2542						

National		SIC Classification		State Level	
ind #	Industry Title	Classification Code(s)		sec #	Industrial Sector Title
76	Furniture and Fixtures, n.e.c.	2591	2599	30	Furniture
77	Pulp Mills	2610		18	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		19	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	23	Other Chemicals
96	Industrial Organic Chemicals	2865	2869		
97	Gum and Wood Chemicals	2861			
98	Agricultural Chemicals	2873	2874 2875 2879	20	Agricultural Fertilizers
99	Adhesives and Sealants	2891		23	Other Chemicals
100	Explosives	2892			
101	Chemical Preparations, n.e.c.	2893	2895 2899		
102	Plastics Materials and Resins	2821		21	Plastics and Synthetics
103	Synthetic Rubber	2822			
104	Cellulosic Man-Made Fibers	2823			
105	Synthetic Organic Fibers, Except Cellulosic	2824			
106	Drugs	2830		22	Drugs
107	Soaps and Cleaners	2841	2842 2843	23	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	24	Petroleum Refining
111	Fuel Oil	2915		25	Fuel Oil
112	Asphalt Paving and Coatings	2951	2952	24	Petroleum Refining
113	Tires and Inner Tubes	3010		26	Rubber Products

National		SIC Classification	State Level			
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title		
114	Fabricated Rubber Products, n.e.c.	3060	26	Rubber Products		
115	Rubber and Plastics Footwear	3020				
116	Rubber and Plastics Hose and Belting	3052				
117	Gaskets, Packing, and Sealing Devices	3053				
118	Miscellaneous Plastic Products	3080	27	Plastic Products		
119	Leather Tanning and Finishing	3110	28	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	31	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 Mill	3312 3313 3315 3316 3317			32	Primary 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	33	Primary Nonferrous Metals		
138	Primary Smelting and Refining of Aluminum	3334 28195 pt. 3341				
139	Lead, Zinc, and Other Primary Nonferrous Metals	3339				
140	Copper Rolling and Drawing Products	3351				
141	Aluminum Rolling and Drawing Products	3353 3354 3355				
142	Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire	3356 3357				
143	Aluminum Foundries and Castings	3363 3365				
144	Copper Foundries	3366				
145	Nonferrous Castings and Forgings	3364 3369 3463				
146	Metal Cans	3411			34	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				

National		SIC Classification	State Level		
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title	
153	Screw Machine Products, Bolts, and Nuts	3450	34	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	35		Engines and Turbines
166	Internal Combustion Engines, n.e.c	3519			
167	Farm Machinery and Equipment	3523	36	Agricultural, Construction, Mining and Moving Equipmen	
168	Garden Tractors and Lawn and Garden Equipmen	3524			
169	Construction Machinery and Equipmen	3531			
170	Mining Machinery and Equipment, Except Oil and Gas Machiner	3532			
171	Oil and Gas Field Machinery	3533			
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	37	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 Equipmen	3547			
180	Metalworking Machinery, n.e.c	3549			
181	Food Products Machinery	3556	38	Special Industry Machinery	
182	Textile Machinery	3552			
183	Woodworking Machinery	3553			
184	Paper Industries Machinery	3554			
185	Printing Trades Machinery and Equipmen	3555			
186	Special Industrial Machinery, n.e.c	3559			
187	Pumps and Compressors	3561 3563	39	General and Miscellaneous Industrial Machiner	
188	Ball and Roller Bearings	3562			
189	Blowers and Exhaust and Ventilation Fans	3564			
190	Industrial Patterns	3543	37	Metalworking Machinery	
191	Packaging Machinery and General Industrial Machinery, n.e.c	3565 3569	39	General and Miscellaneous Industrial Machiner	
192	Mechanical Power Transmission Equipmen	3566 3568			

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
193	Industrial Process Furnaces and Ovens	3567	39	General and Miscellaneous Industrial Machinery
194	Carburetors, Pistons, Piston Rings, and Valves	3592		
195	Fluid Power Equipment	3593 3594		
196	Scales and Balances	3596		
197	Industrial and Commercial Machinery, n.e.c	3599		
198	Electronic Computers	3571	40	Computers
199	Computer Peripheral Equipment	3572 3575 3577		
200	Calculators and Accounting Machinery	3578	41	Other Office Equipment
201	Office Machines and Typewriters	3579		
202	Automatic Merchandising Equipment	3581	42	Service Industry Machinery
203	Commercial Laundry, Dry Cleaning, and Pressing Machinery	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	57	Other Instruments
208	Transformers	3612	43	Electric Industrial Appliances and Distribution Equipment
209	Switchgear and Switchboard Apparatus	3613		
210	Motors and Generators	3621		
211	Relays and Industrial Controls	3625		
212	Welding and Soldering Equipment	3548	37	Metalworking Machinery
213	Electrical Industrial Apparatus	3624 3629	43	Electric Industrial Appliances and Distribution Equipment
214	Major Household Appliances	3631 3632 3633	44	Household Appliances
215	Other Household Appliances	3634 3635 3639		
216	Electric Lamps, Light Fixtures, and Wiring	3641 3643 3644 3645 3646 3647 3648	45	Electrical Equipment
217	Household Audio and Video Equipment	3651	46	TVs, VCRs, Radios, and Phonographs
218	Prerecorded Records and Tapes	3652		
219	Telephones, Switchboards, Modems, Faxes, etc.	3661	47	Communications Equipment
220	Radio and TV Broadcasting and Communication Equipment	3663 3669		
221	Electron Tubes	3671	48	Electronic Components
222	Semiconductors and Related Devices	3674		
223	Electronic Components, n.e.c.	3672 3675 3676 3677 3678 3679		
224	Storage Batteries	3691	45	Electrical Equipment
225	Primary Batteries, Dry and Wet	3692		
226	X-ray and Irradiation Apparatus	3844	55	Medical Instruments and Supplies
227	Electromedical and Electrotherapeutic Apparatus	3845		
228	Engine Electrical Equipment	3694	45	Electrical Equipment
229	Magnetic and Optical Recording Media	3695		
230	Electrical Machinery, Equipment and Supplies, n.e.c	3699		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
231	Truck and Bus Bodies	3713	49	Motor Vehicles
232	Truck Trailers	3715		
233	Motor Vehicles and Passenger Car Bodies	3711		
234	Motor Vehicle Parts and Accessories	3714	50	Motor Vehicle Parts
235	Aircraft	3721	51	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	52	Ships and Boats
239	Boat Building and Repairing	3732		
240	Railroad Equipment	3740	53	Other Transportation Equipment
241	Motorcycles, Bicycles, and Parts	3750		
242	Travel Trailers and Campers	3792		
243	Mobile Homes	2451	29	Lumber
244	Motor Homes	3716	49	Motor Vehicles
245	Transportation Equipment, n.e.c.	3799	53	Other Transportation Equipment
246	Search and Navigation Equipment	3812	54	Search and Navigation Equipment
247	Laboratory Apparatus and Furniture	3821	57	Other Instruments
248	Measuring Devices and Environmental Control	3822 3823 3824 3829		
249	Surgical and Medical Instruments	3841	55	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	57	Other Instruments
253	Laboratory and Optical Instruments	3826 3827		
254	Ophthalmic Goods	3850	56	Ophthalmic Goods
255	Photographic Equipment and Supplies	3860	57	Other Instruments
256	Jewelry, Precious Metal, Silverware, and Plated Wares	3911 3914 3915	58	Miscellaneous 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	59	Railroads
264	Local and Suburban Passenger Transportation	4100	60	Trucking and Highway Passenger Transit
265	Trucking and Warehousing	4200 pt. 4789		

National		SIC Classification	State Level	
ind #	Industry Title	Classification Code(s)	sec #	Industrial Sector Title
266	Water Transportation	4400	61	Water Transportation
267	Airlines	4500	62	Air Transportation
268	Pipelines	4600	63	Pipeline
269	Transportation Services	4700	64	Transportation Services
270	Telephone and Telegraph	4800 -4830	65	Communications Services
271	Radio and TV Broadcasting	4830		
272	Electric Utilities	4910 pt 4930	66	Electric Utilities
273	Natural Gas	4920 pt 4930	67	Gas Utilities
274	Water, Sewer, Steam, and Irrigation Services	4940 4950 4960 4970 pt 4930	68	Water and Sanitation
275	Wholesale Trade	5000 5100	69	Wholesale Trade
276	Retail Trade	5200 5300 5400 5500 5600 5700 5900	70	Retail Trade
277	Eating and Drinking Places	5800 pt 7000	71	Restaurants and Bars
278	Banking	60	72	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	74	Owner-Occupied Housing
284	Real Estate	6500 6600 1531	73	Real Estate
285	Royalties	I-O sector, but no SIC		
286	Hotels, Rooming Houses, Camps, and Other Lodging Places	7000	75	Hotels
287	Personal and Repair Services	7200 7620 7630 7640	76	Personal and Repair Services
288	Personnel Supply Services	7360	80	Research Labs and Other Business Services
289	Computer and Data Processing Services	7370	78	Computer and Data Processing Services
290	Research Laboratories and Management Consulting	8731 8732 8734 8740	80	Research Labs and Other Business Services
291	Equipment Rental and Leasing Services	7350		
292	Advertising	7310	79	Advertising
293	Other Business Services	7320 7330 7340 7380 7390 7690	80	Research Labs and Other Business Services
294	Legal Services	8110	77	Professional Services
295	Engineering and Architectural Services	8710		
296	Other Professional Services, Including Accounting	8720 8900		
297	Auto Rental and Leasing	7510	81	Automobile Services
298	Auto Repair and Services	75 other		

<b>National</b>		<b>SIC Classification</b>	<b>State Level</b>	
<b>ind #</b>	<b>Industry Title</b>	<b>Classification Code(s)</b>	<b>sec #</b>	<b>Industrial Sector Title</b>
299	Motion Pictures	78, exc. 7840	82	Movies and Amusements
300	Video Tape Rental	7840		
301	Amusements and Recreation Services	7910 7920 7930 7941 7948 7990		
302	Private Hospitals	8060	83	Private Hospitals
303	Physicians, Excluding Dentists	8010 8030	84	Physicians
304	Dentists and Miscellaneous Medical Services	0740 8020 8041 8043 8048 8070 8080 8090	85	Other Medical Services
305	Nursing Homes	8050	86	Nursing Homes
306	Education and Libraries	82	87	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	88	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	93	Government Industry Compensation

## FEEDBACK FORM

1. Did this publication provide the information you needed to interpret the projections in which you were interested? If not, what other information did you need?

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

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

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4. What parts of the projections were most and least useful to you?

MOST

LEAST

_____	Projected direct defense purchases for an industry	_____
_____	Projected indirect defense purchases for an industry	_____
_____	Projected direct defense expenditures for a state	_____
_____	Projected indirect defense expenditures for a state	_____
_____	Projected geographic distribution of direct purchases	_____
_____	Projected geographic distribution of indirect purchases	_____

Other: \_\_\_\_\_

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

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OPTIONAL

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Name

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Title

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Company

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