

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

**Calendar Years 2008 Through 2013**



**September 2008**

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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 industry demands by 360 industries, broken out by major appropriation and procurement category for top 10 industries.
- *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 100 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 360 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.

## 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.

This report provides projections of direct and indirect (or defense-related) purchases from 360 industries (defined by North American Industry Classification System) from calendar years 2008 to 2013. 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, an expenditure category 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: Industry Projections

Section III: 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.economics.osd.mil>. A feedback form for comments is attached at the end of the report.

### DEPARTMENT OF DEFENSE CONTACT

Economic and Manpower Analysis Division  
Office of the Director, Program Analysis and Evaluation  
Office of the Secretary of Defense  
1800 Defense Pentagon  
Washington, DC 20301-1800  
(703) 614-3840

EMAIL: [DEPPS@osd.mil](mailto:DEPPS@osd.mil)



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## INTRODUCTION AND HIGHLIGHTS

This report presents estimates for industrial and regional patterns of defense expenditures for calendar years 2008 – 2013. It shows direct and indirect purchases from the 75 largest defense-related industries and provides projections of defense-related spending for each of the 50 states and the District of Columbia. Moreover, the report illustrates the occupational requirements of the employment related directly and indirectly to defense expenditure.

All the estimates are based on the FY 2009 President's budget submission of February 2008, 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*. Purchases from particular industries will depend upon the size and composition of the defense budget eventually 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 current spending plans and existing state's participation in the various components of defense activity*.

The computational framework for these 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 360 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 interindustry (or input-output) models support *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 is called Interindustry Long-run Integrated and Dynamic

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<sup>1</sup> Available on <http://www.economics.osd.mil/>

<sup>2</sup> The Directorate of Information Operations and Reports in the Washington Headquarters Services used to publish comprehensive data on prime contract awards and personnel expenditures, by state, available on <http://web1.whs.osd.mil/mmid/pubs.htm>. Now this data is published by the Federal Procurement Data System – Next Generation (FPDS-NG) on <https://www.fpds.gov/>. We usually use a three year average of prime contract award data. However, due to a change in the data source, we are re-using 2004, 2005, and 2006 data for this year's report.

model (*Iliad*). It uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 360 industries.<sup>3</sup>

## 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.

Defense related indirect 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 as subcontractors purchase goods and services from their major suppliers and those firms place orders with companies at lower tiers of the production chain. For example, a direct expenditure for aircraft stimulates indirect purchases for the electronic components, tires, aluminum, engineering and logistic services used to manufacture the aircraft. The term “indirect defense purchases” applies to this sequence of purchases—goods and services from subcontractors and lower-tier suppliers.

Direct and indirect expenditures are computed for 360 industries, though results for only the 50 most important manufacturing sectors are shown in this report. All expenditure quantities are in constant (inflation-adjusted) 2009 dollars, by calendar year, for the 2008 through 2013 interval.

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 those 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.

## Coverage

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<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.

<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.

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 the entire 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 *Operations and Maintenance (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 *Research Development Test & Evaluation (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.

### **Defense purchases induced from direct pay**

These quantities are shown in the state-level tables in Section III, refers to the production of goods and services consumed 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.

## Highlights of the Projections

### RDEPPS: Defense Expenditures by State

Table 1 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2008 for each of the fifty states and the District of Columbia grouped by the nine U.S. census divisions.

The geographic distribution of 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:

- Seven of the nine regions contain one or more states in which total projected defense expenditures (direct and indirect) exceed the national average.
- All nine 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) is 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.

### IDEPPS: Defense Expenditures by Industry

This report contains information on the 75 non-food industries that supply the largest projected total (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., wholesale trade, real estate, 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. Table 1 presents information on the composition of projected defense and nondefense final purchases in 2009. A large portion of defense purchases—62 percent—are made from service industries. By contrast, only about 58 percent of nondefense final purchases are made from the service sector of the economy.

The manufacturing sector make up about 32 percent of defense final purchases and about 33 percent of nondefense final purchases. This result is slightly different than previous years, where direct defense purchases usually have higher spending in the manufacturing than the nondefense.

Table 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. Manufacturing accounts for about 34 percent of projected defense indirect purchases and for about 17 percent of projected nondefense indirect purchases. Services make up about 60 percent of defense indirect purchases but about 71 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. For instance, in 2005 retirement disbursements will be about \$25 billion more than accruals. Payments abroad will be about \$15 billion. Therefore, the RDEPPS direct expenditure will exceed the IDEPPS total by about \$10 billion (25-15).

#### **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 2009. 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.

Occupations primarily associated with manufacturing industries (e.g., installation, maintenance, repair and production) account for 16 percent of defense-related employment compared to only 12 percent of nondefense-related employment (see Table 3). Engineering workers also account for 21 percent of defense-related employment and 19 percent of nondefense employment. More detailed tabulations of defense-related employment (including a breakout of engineering and scientific personnel by specialty) are 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.

All the data sets are updated every year. However, this year there was a change in the organization that publishes the Prime Contract Award (PCA) database.<sup>5</sup> Due to this change, the new organization was late publishing 2007 PCA database. Therefore, we made a decision to use an average of PCA data from 2004, 2005, and 2006.

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<sup>5</sup> Now the database is managed by the Federal Procurement Data System – Next Generation (FPDS-NG) on <https://www.fpds.gov/>

**Table 1**  
**Composition of Defense and Nondefense DIRECT Purchases for 2009**

	<b>Direct Defense Purchases</b>	<b>Direct Nondefense Purchases</b>
<b>Manufacturing</b>	<b>32%</b>	<b>33%</b>
<b>Services</b>	<b>62%</b>	<b>58%</b>
<b>Construction, Agriculture and Mining</b>	<b>6%</b>	<b>9%</b>

**Table 2**  
**Composition of Defense and Nondefense INDIRECT Purchases for 2009**

	<b>Indirect Defense Purchases</b>	<b>Indirect Nondefense Purchases</b>
<b>Manufacturing</b>	<b>34%</b>	<b>17%</b>
<b>Services</b>	<b>60%</b>	<b>71%</b>
<b>Construction, Agriculture and Mining</b>	<b>6%</b>	<b>12%</b>

**Table 3**  
**Composition of Civilian Employment for 2009**

	<b>Defense-Related Employment</b>	<b>Nondefense-Related Employment</b>
<b>Installation, Maintenance, Repair and Production</b>	<b>16%</b>	<b>12%</b>
<b>Agricultural, Extraction, Construction and Transport</b>	<b>13%</b>	<b>12%</b>
<b>Engineers, Scientists and Technicians</b>	<b>21%</b>	<b>19%</b>
<b>Service and Sales Occupations</b>	<b>16%</b>	<b>30%</b>
<b>Management and Administrative</b>	<b>33%</b>	<b>27%</b>
<b>Other professional specialties</b>	<b>6%</b>	<b>7%</b>

**Table 4**  
**Estimated Defense Expenditures Per Capita, 2009**  
 (By State and Region, in 2009 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
<b>New England</b>	<b>14,671</b>	<b>342</b>	<b>2,031</b>	<b>2,372</b>	<b>886</b>	<b>3,258</b>
Connecticut	3,564	270	2,974	3,244	1,104	4,348
Maine	1,350	835	1,842	2,677	489	3,165
Massachusetts	6,626	218	2,046	2,264	1,009	3,273
New Hampshire	1,371	322	1,066	1,388	576	1,964
Rhode Island	1,111	788	680	1,468	533	2,002
Vermont	648	251	1,436	1,687	512	2,199
<b>Mid-Atlantic</b>	<b>40,939</b>	<b>222</b>	<b>802</b>	<b>1,024</b>	<b>696</b>	<b>1,719</b>
New Jersey	8,968	246	992	1,238	802	2,040
New York	19,415	172	571	742	626	1,368
Pennsylvania	12,555	282	1,023	1,306	728	2,034
<b>South Atlantic</b>	<b>58,970</b>	<b>1,055</b>	<b>1,926</b>	<b>2,981</b>	<b>1,014</b>	<b>3,994</b>
Delaware	875	607	358	965	1,014	1,979
District of Columbia	534	4,853	13,395	18,248	7,085	25,332
Florida	18,889	588	886	1,475	517	1,991
Georgia	9,458	922	1,029	1,952	1,087	3,039
Maryland	5,844	1,056	2,922	3,978	1,293	5,271
North Carolina	9,216	973	663	1,636	657	2,294
South Carolina	4,406	980	799	1,779	917	2,696
Virginia	7,919	2,438	6,609	9,047	2,078	11,125
West Virginia	1,829	268	307	575	529	1,105
<b>East North Central</b>	<b>46,884</b>	<b>250</b>	<b>586</b>	<b>837</b>	<b>710</b>	<b>1,547</b>
Illinois	12,877	309	438	747	707	1,454
Indiana	6,365	270	879	1,149	893	2,042
Michigan	10,388	162	496	658	528	1,186
Ohio	11,560	311	701	1,012	773	1,785
Wisconsin	5,694	133	527	660	718	1,378
<b>West North Central</b>	<b>20,247</b>	<b>421</b>	<b>1,015</b>	<b>1,437</b>	<b>702</b>	<b>2,139</b>
Iowa	3,004	180	554	734	618	1,352
Kansas	2,795	745	1,202	1,947	853	2,800
Minnesota	5,371	150	536	686	680	1,367
Missouri	5,891	467	1,780	2,248	756	3,004
Nebraska	1,765	686	600	1,286	600	1,886
North Dakota	637	1,026	705	1,731	605	2,336
South Dakota	784	618	844	1,462	533	1,994
<b>East South Central</b>	<b>17,968</b>	<b>653</b>	<b>1,340</b>	<b>1,993</b>	<b>856</b>	<b>2,850</b>
Alabama	4,583	888	1,735	2,623	1,114	3,736
Kentucky	4,246	823	921	1,744	910	2,654
Mississippi	2,961	768	1,664	2,432	823	3,255
Tennessee	6,178	307	1,180	1,487	645	2,132
<b>West South Central</b>	<b>35,306</b>	<b>597</b>	<b>1,135</b>	<b>1,732</b>	<b>915</b>	<b>2,648</b>
Arkansas	2,856	479	478	958	641	1,599
Louisiana	4,599	503	873	1,376	1,141	2,517
Oklahoma	3,578	1,048	816	1,864	805	2,668
Texas	24,274	563	1,309	1,872	921	2,793

Source: RDEPPS calculations

**Table 4 (continued)**  
**Estimated Defense Expenditures Per Capita, 2009**  
 (By State and Region, in 2009 dollars)

<b>State/Region</b>	<b>Population (000's)</b>	<b>Direct</b>			<b>Indirect from Direct Purchases</b>	<b>Total</b>
		<b>Pay</b>	<b>Purchases</b>	<b>Total</b>		
<b>Mountain</b>	<b>21,387</b>	<b>691</b>	<b>1,233</b>	<b>1,924</b>	<b>796</b>	<b>2,720</b>
Arizona	6,478	536	1,524	2,059	852	2,911
Colorado	4,789	854	1,758	2,612	951	3,563
Idaho	1,495	440	276	716	433	1,149
Montana	962	526	458	984	520	1,503
Nevada	2,621	549	672	1,220	516	1,736
New Mexico	1,966	985	1,076	2,061	852	2,913
Utah	2,559	894	1,235	2,129	876	3,005
Wyoming	518	751	389	1,140	1,016	2,156
<b>Pacific</b>	<b>49,901</b>	<b>644</b>	<b>1,261</b>	<b>1,904</b>	<b>802</b>	<b>2,706</b>
Alaska	687	2,821	4,716	7,537	2,499	10,035
California	37,666	478	1,279	1,757	777	2,534
Hawaii	1,329	3,387	2,902	6,289	998	7,287
Oregon	3,750	258	254	512	668	1,180
Washington	6,469	1,040	1,030	2,071	800	2,871
<b>United States</b>	<b>306,272</b>	<b>576</b>	<b>1,233</b>	<b>1,809</b>	<b>840</b>	<b>2,649</b>

Source: RDEPPS calculations

**Table 5**  
**Sources of Projected Direct Defense Purchases**  
**Department of Defense**  
Rounded to Millions of 2009 dollars

	2008	2009	2010	2011	2012	2013
Military Personnel	126,343	127,166	126,196	127,106	127,901	128,247
Operations & Maintenance	218,407	204,816	180,747	179,027	177,996	178,735
Aircraft	34,093	34,242	33,908	36,223	37,601	39,513
Missiles	9,493	9,214	9,362	8,997	9,191	9,202
Weapons and Tracked Vehicles	14,838	10,613	9,337	7,697	6,845	5,275
Ships and Conversions	16,580	18,566	19,309	19,469	20,752	19,997
Ammunition	4,516	4,562	4,476	4,401	4,453	4,589
Other	36,328	33,925	31,140	31,520	30,236	31,298
Total Procurement	115,849	111,123	107,531	108,307	109,077	109,875
Research, Development, Test, Evaluation	78,256	77,531	75,110	70,834	67,169	64,680
Military Construction	11,672	15,173	17,437	16,935	14,708	12,652
Family Housing and Homeowners Asst Prog	4,236	3,344	3,014	2,639	2,253	2,083
Defense-Wide Contingencies	445	178	74	0	0	0
Revolving and Management Funds	2,630	3,482	2,499	2,297	2,336	2,169
Trust & Receipts	-1,227	-1,194	-1,126	-1,107	-1,085	-1,067
Deductions, Intragovernment Receipts	-132	-127	-125	-122	-120	-118
<b>Total Direct Defense Purchases</b>	<b>556,479</b>	<b>541,492</b>	<b>511,359</b>	<b>505,915</b>	<b>500,234</b>	<b>497,257</b>

Source: IDEPPS calculations

Note: Numbers may not add due to rounding.

**Table 6**  
**Sources of Projected Indirect Defense Purchases**  
**Department of Defense**  
Rounded to Millions of 2009 dollars

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Military Personnel	17,665	17,766	16,848	17,072	17,338	17,445
Operations & Maintenance *	129,077	119,235	100,616	98,913	98,178	98,362
Aircraft	28,729	28,995	29,161	31,394	32,773	34,442
Missiles	6,985	6,201	6,351	5,961	6,089	6,059
Weapons and Tracked Vehicles	18,645	13,178	11,717	9,660	8,576	6,552
Ships and Conversions	12,106	13,461	13,594	13,561	14,705	13,972
Ammunition	3,918	3,939	3,856	3,778	3,816	3,931
Other	29,034	26,987	24,729	25,109	24,278	25,156
Total Procurement	99,417	92,762	89,409	89,463	90,237	90,111
Research, Development, Test, Evaluation	44,517	44,082	42,417	39,518	37,090	35,422
Military Construction	8,421	11,009	12,696	12,311	10,644	9,111
Family Housing	3,084	2,411	2,147	1,865	1,585	1,462
<b>Total Indirect Defense Purchases</b>	<b>302,181</b>	<b>287,265</b>	<b>264,134</b>	<b>259,142</b>	<b>255,071</b>	<b>251,912</b>

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

Source: IDEPPS calculations

Note: Numbers may not add due to rounding.

## **SECTION I: SUMMARY TABLES – Industry Expenditures and Employment, Individual States and Entire United States**

The summary tables provide an overview of estimated defense expenditures and employment. Table 7 presents estimates of total defense purchases from the 75 nonfood/tobacco industries leading in defense production in 2009. The estimates shown include both direct and indirect purchases. Table 8 presents estimates of defense-related employment by major occupational category, while Table 9 provides more detailed estimates of defense-related employment of engineers and scientists.

The remaining five tables present state-level information:

- Tables 10 through 12 present estimates of direct defense expenditures, first in the aggregate and then by selected budget accounts. Table 10 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.) Table 11 shows combined outlays from the Procurement and RDT&E accounts, while Table 12 displays combined outlays resulting from the remaining accounts.
- Table 13 shows indirect expenditures arising from purchases made by the DoD. As explained in the introduction, indirect (or intermediate) purchases are those that are made across the supply chain for final goods. For example, expenditures on aircraft stimulate indirect purchases of electronic components, aircraft parts, tires, aluminum, etc.
- Table 14 shows the induced expenditures derived from the wages and salaries of DoD personnel and from military retirement pay. More specifically, induced expenditures are the household purchases from defense personnel that occur in each state. Obviously, states with large and numerous military installations tend to have large induced expenditures. Less obviously, states that produce consumer goods sold in a national market (such as automobiles and appliances) will also have significant induced expenditures.

**Table 7**  
**Projected (Direct + Indirect) Defense Purchases from 75 Industries Leading in Defense Production in 2009**

(Millions of 2009 dollars)

<b>Ind #</b>	<b>Supplying Industry</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
313	Scientific research and development	41,747	40,928	39,421	37,703	36,122	35,163
306	Architectural and engineering services	38,156	37,814	36,211	35,591	34,511	34,310
269	Wholesale trade	23,095	22,216	20,265	19,884	19,745	19,758
289	Telecommunications	22,036	21,164	19,245	19,069	18,950	19,047
241	Aircraft	21,353	20,639	19,076	18,896	18,546	18,640
297	Real estate	19,317	18,486	16,968	16,663	16,319	16,198
271	Air transportation	18,827	17,852	16,118	16,044	15,972	15,948
274	Truck transportation	19,653	17,766	15,052	14,692	14,464	14,349
31	New non-residential building construction	12,737	13,846	14,003	13,496	12,119	10,975
243	Other aircraft parts and equipment	12,565	12,743	12,738	13,219	13,191	13,576
317	All other miscellaneous professional and technical services	12,955	12,673	12,231	12,051	11,817	11,765
27	Electric Utilities	13,568	12,621	11,011	10,781	10,663	10,498
247	Ship building and repairing	10,824	11,822	11,193	11,115	12,475	12,127
211	Search, detection, and navigation instruments	11,794	11,598	11,368	11,659	11,658	11,860
88	Petroleum refineries	11,471	10,873	9,455	9,180	8,990	8,795
310	Other computer related services, including facilities management	11,139	10,804	9,748	9,635	9,496	9,524
311	Management consulting	9,336	8,744	7,731	7,652	7,570	7,569
318	Management of companies and enterprises	9,099	8,687	8,055	7,934	7,842	7,766
277	Support activities for transportation and sightseeing	9,039	8,548	7,627	7,633	7,597	7,621
270	Retail trade	8,414	8,205	7,587	7,437	7,364	7,459
16	Crude oil and natural gas extraction	8,630	8,171	7,076	6,869	6,736	6,588
244	Guided missiles and space vehicles	7,227	7,955	7,666	7,240	6,913	6,945
295	Insurance	7,474	7,320	6,717	6,659	6,634	6,629
273	Water transportation	7,656	6,892	5,652	5,534	5,451	5,419
242	Aircraft engines and engine parts	6,729	6,629	6,533	6,742	6,644	6,735
36	Maintenance and repair of nonresidential buildings	6,202	6,500	6,389	6,139	5,586	5,165
314	Advertising and related services	6,914	6,449	5,722	5,630	5,555	5,533
292	Banks, savings institutions, and credit unions	6,711	6,433	5,933	5,846	5,758	5,713
341	Food services & drinking places	6,741	6,353	5,640	5,581	5,542	5,527
209	All other electronic components	6,445	6,292	6,028	6,063	6,042	6,034
340	Hotels and other accommodation	6,410	6,101	5,448	5,403	5,396	5,405
86	Printing	6,013	5,827	5,410	5,263	5,209	5,165
134	Primary ferrous metal products	5,954	5,464	5,021	4,799	4,725	4,484
205	Broadcast and wireless communications equipment	5,335	5,425	5,158	5,216	5,036	5,104
279	Warehousing and storage	5,554	5,122	4,434	4,354	4,302	4,282
320	Facilities support services	5,300	4,718	3,890	3,821	3,726	3,658
163	Ammunition	4,690	4,685	4,581	4,336	4,340	4,337
250	Military armored vehicles and tank parts	6,165	4,671	4,010	3,362	2,895	2,211

Source: IDEPPS calculations

**Table 7**  
**Projected (Direct + Indirect) Defense Purchases from 75 Industries Leading in Defense Production in 2009**

(Millions of 2009 dollars)

<b>Ind #</b>	<b>Supplying Industry</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
304	Legal services	4,816	4,632	4,285	4,234	4,184	4,176
321	Employment services	4,819	4,615	4,234	4,157	4,074	4,047
240	Motor vehicle parts	5,852	4,494	4,082	3,697	3,575	3,266
334	Hospitals	4,464	4,364	4,033	3,935	3,939	4,046
309	Computer systems design services	4,589	4,359	3,924	3,851	3,792	3,782
325	Services to buildings and dwellings	4,313	4,116	3,705	3,645	3,585	3,567
299	Automotive equipment rental and leasing	4,217	4,012	3,609	3,561	3,533	3,521
208	Semiconductors and electron tubes	4,013	3,923	3,755	3,779	3,769	3,793
332	Offices of physicians, dentists, and other health practitioners	4,117	3,869	3,415	3,329	3,319	3,388
327	Waste management and remediation services	4,496	3,866	3,023	2,961	2,890	2,827
156	Machine shops, screws, nuts, bolts, turned products	3,993	3,668	3,344	3,166	3,042	2,838
352	Postal service	3,795	3,592	3,200	3,130	3,079	3,058
308	Custom computer programming	3,757	3,539	3,140	3,066	3,015	3,010
293	Credit cards and finance companies	3,424	3,311	3,076	3,053	3,032	3,031
333	Other ambulatory health care services	3,658	3,264	2,686	2,614	2,588	2,620
319	Office administrative services	3,280	3,103	2,794	2,745	2,694	2,680
206	Other communications equipment	3,188	3,079	2,902	2,931	2,858	2,918
312	Environmental and other technical consulting services	3,136	2,988	2,748	2,748	2,721	2,727
326	Other support services	3,204	2,979	2,644	2,651	2,711	2,739
294	Securities, commodity contracts, investments	3,205	2,708	2,398	2,331	2,278	2,256
272	Rail transportation	2,939	2,698	2,337	2,291	2,265	2,249
305	Accounting and bookkeeping	2,827	2,690	2,463	2,411	2,361	2,342
307	Specialized design services	2,338	2,682	2,966	3,078	2,966	2,762
136	Aluminum products	2,973	2,568	2,413	2,305	2,262	2,181
343	Electronic equipment repair & maintenance	2,648	2,492	2,317	2,318	2,307	2,303
291	Data processing services	2,550	2,461	2,270	2,254	2,236	2,228
28	Natural gas distribution	2,615	2,461	2,207	2,166	2,136	2,114
303	Lessors of nonfinancial intangible assets (royalties)	2,522	2,445	2,263	2,249	2,247	2,242
323	Travel arrangement and reservation services	2,572	2,410	2,137	2,120	2,106	2,100
17	Reserved (for natural gas)	2,378	2,241	1,975	1,926	1,891	1,860
200	Electronic computers	2,288	2,238	2,079	2,174	2,266	2,356
245	Propulsion units and parts for space vehicles and guided missiles	2,063	2,230	2,208	2,181	2,131	2,120
354	Other state and local government enterprises (except electric utilities and transit)	2,306	2,188	1,974	1,953	1,938	1,936
151	Architectural and structural metal products	2,064	2,080	1,996	1,950	1,887	1,797
278	Couriers and messengers	2,163	2,069	1,899	1,867	1,839	1,829
322	Business support services	2,214	2,044	1,796	1,753	1,712	1,687
301	Machinery and equipment rental and leasing	2,120	2,033	1,843	1,819	1,790	1,773

Source: IDEPPS calculations

**Table 8**  
**Projected Defense and Defense-Related Employment by Occupational Category**

(Thousands of Workers)

Fiscal Year 2009 LDEPPS, with 2006-2016 Occupational Projections matrices

<b>Occupational Category</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Management, financial, and business operations	613	588	552	536	520	509
Computer and mathematical science occupations	147	138	125	120	114	111
Architectural and engineering occupations	259	249	235	227	220	214
Life, physical and social science occupations	79	76	72	70	68	66
Healthcare practitioners and technical occupations	142	135	123	120	117	117
Other professional specialties	224	213	198	192	186	182
Service occupations	427	397	354	344	335	329
Sales and related occupations	235	220	197	189	182	177
Office and administrative support occupations	703	665	608	588	569	556
Farming, fishing, and forestry occupations	10	9	9	8	8	8
Construction and extraction occupations	147	149	145	141	131	123
Installation, maintenance, and repair occupations	205	196	183	178	174	170
Production occupations	455	421	381	365	351	338
Transportation and material moving occupations	363	333	292	282	273	266
<b>Total All Categories</b>	<b>4,009</b>	<b>3,790</b>	<b>3,473</b>	<b>3,360</b>	<b>3,249</b>	<b>3,167</b>

*Source: LDEPPS calculations*

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

**Table 9**  
**Defense Related Employment of Engineers and Scientists**  
(Thousands of Workers)

	2008	2009	2010	2011	2012	2013
<b>Computer and mathematical science occupations</b>						
Computer specialists	139.1	130.1	117.1	112.0	106.9	103.4
Mathematical science occupations	8.4	8.1	7.8	7.6	7.5	7.3
Total	147.4	138.2	124.9	119.6	114.4	110.8
<b>Architectural and engineering occupations</b>						
Architects, surveyors, and cartographers	23.0	22.0	20.6	19.8	18.8	18.2
Aerospace engineers	19.2	18.4	17.0	16.3	15.8	15.2
Chemical engineers	2.1	2.1	2.0	1.9	1.8	1.8
Civil engineers	24.6	23.8	22.7	22.0	21.3	20.8
Electrical and electronics engineers	37.7	36.1	34.4	33.5	32.7	32.1
Industrial engineers, incl health and safety	17.8	16.8	15.7	15.1	14.6	14.2
Mechanical engineers	24.3	23.3	22.1	21.4	20.8	20.3
Materials engineers	2.2	2.1	1.9	1.9	1.8	1.8
All other engineers	36.2	34.8	33.0	32.1	31.3	30.6
Drafters, engineering, and mapping technicians	72.4	69.2	65.3	63.1	60.9	59.3
Total	259.4	248.6	234.7	227.2	219.7	214.1
<b>Life, physical and social science occupations</b>						
Life scientists	13.5	13.1	12.4	12.1	11.7	11.4
Chemists and materials scientists	5.6	5.4	5.1	5.0	4.8	4.7
Environmental scientists and geoscientists	7.2	6.9	6.4	6.2	5.9	5.7
Astronomers, physicists, atmospheric & space scientists	3.5	3.4	3.3	3.3	3.2	3.2
All other physical scientists	2.7	2.6	2.6	2.6	2.5	2.5
Social scientists and related occupations	30.5	29.4	27.8	27.0	26.2	25.6
Life, physical, and social science technicians	16.2	15.5	14.6	14.1	13.6	13.3
Total	79.2	76.4	72.3	70.2	67.9	66.4
<b>Total Computer, Engineers, and Scientists</b>	<b>486.1</b>	<b>463.2</b>	<b>432.0</b>	<b>417.0</b>	<b>402.0</b>	<b>391.2</b>

Source: LDEPPS calculations

Note: Numbers may not add to totals due to rounding

**Table 10**  
**Projections of Total Direct Expenditures, by State**  
(Millions of 2009 dollars)

State	2008	2009	2010	2011	2012	2013
Alabama	12,246	11,883	11,192	10,998	10,794	10,673
Alaska	5,397	5,379	5,123	5,076	4,965	4,877
Arizona	13,376	13,217	12,701	12,710	12,584	12,616
Arkansas	2,562	2,486	2,326	2,307	2,289	2,279
California	68,110	67,218	64,273	63,517	62,677	62,399
Colorado	12,586	12,448	11,969	11,781	11,542	11,476
Connecticut	11,376	11,486	11,004	10,999	11,228	11,156
Delaware	820	811	781	778	770	765
District of Columbia	10,750	10,327	9,511	9,405	9,316	9,300
Florida	28,336	27,740	26,285	26,148	25,940	25,849
Georgia	19,216	18,852	17,957	17,927	17,753	17,710
Hawaii	9,340	9,011	8,460	8,359	8,246	8,192
Idaho	1,020	1,022	995	987	971	958
Illinois	9,158	8,957	8,459	8,397	8,329	8,292
Indiana	8,094	6,846	6,394	6,094	5,964	5,756
Iowa	2,071	2,005	1,879	1,884	1,861	1,868
Kansas	5,530	5,505	5,250	5,208	5,120	5,076
Kentucky	7,750	7,618	7,268	7,257	7,213	7,190
Louisiana	6,172	5,997	5,574	5,483	5,480	5,334
Maine	3,348	3,443	3,263	3,247	3,442	3,381
Maryland	24,454	23,566	21,886	21,667	21,330	21,289
Massachusetts	15,142	14,715	13,923	13,720	13,441	13,382
Michigan	7,349	6,495	5,933	5,608	5,366	5,041
Minnesota	3,505	3,420	3,183	3,137	3,108	3,107
Mississippi	6,591	6,789	6,540	6,446	6,542	6,361
Missouri	13,011	12,873	12,358	12,308	12,158	12,184
Montana	895	896	867	861	848	836
Nebraska	2,194	2,165	2,062	2,048	2,029	2,023
Nevada	3,292	3,187	2,987	2,959	2,927	2,909
New Hampshire	1,874	1,832	1,743	1,750	1,732	1,736
New Jersey	11,462	11,155	10,545	10,449	10,284	10,264
New Mexico	3,974	3,900	3,726	3,681	3,624	3,592
New York	14,564	14,171	13,427	13,300	13,060	12,998
North Carolina	15,699	15,301	14,629	14,436	14,230	14,124
North Dakota	1,042	1,041	1,003	997	983	971
Ohio	12,182	11,534	10,860	10,635	10,466	10,357
Oklahoma	7,023	6,875	6,534	6,525	6,493	6,495
Oregon	1,831	1,735	1,619	1,597	1,585	1,564
Pennsylvania	16,946	16,065	14,896	14,530	14,193	13,923
Rhode Island	1,547	1,518	1,448	1,446	1,436	1,435
South Carolina	8,021	7,778	7,370	7,323	7,276	7,234
South Dakota	1,052	1,052	1,017	1,003	984	976
Tennessee	9,375	8,894	8,143	8,021	7,920	7,857
Texas	47,625	46,465	44,189	43,614	42,965	42,742
Utah	5,120	5,025	4,826	4,833	4,781	4,805
Vermont	1,073	1,051	995	986	968	964
Virginia	75,456	73,457	68,505	67,844	67,230	66,882
Washington	13,882	13,709	13,165	13,091	12,976	12,924
West Virginia	898	916	898	883	850	823
Wisconsin	4,116	3,555	3,304	3,132	3,068	2,957
Wyoming	569	564	544	543	538	533
<b>U.S. Total</b>	<b>569,022</b>	<b>553,950</b>	<b>523,785</b>	<b>517,929</b>	<b>511,877</b>	<b>508,437</b>

Source: RDEPPS Calculations

**Table 11**  
**Projections of Total Direct Procurement & RDT&E Expenditures, by State**  
(Millions of 2009 Dollar)

<b>State</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Alabama	4,048	3,944	3,839	3,692	3,553	3,460
Alaska	251	246	238	233	229	227
Arizona	6,283	6,209	6,061	6,103	6,027	6,099
Arkansas	367	361	346	343	342	342
California	31,267	31,253	30,559	29,982	29,361	29,193
Colorado	3,577	3,604	3,655	3,534	3,410	3,419
Connecticut	9,105	9,269	8,943	8,952	9,193	9,126
Delaware	81	79	77	76	74	75
District of Columbia	2,469	2,382	2,250	2,202	2,171	2,155
Florida	7,770	7,679	7,495	7,467	7,409	7,429
Georgia	3,130	3,069	3,005	3,052	3,026	3,081
Hawaii	1,572	1,356	1,132	1,041	975	951
Idaho	51	50	49	49	49	49
Illinois	1,863	1,795	1,738	1,710	1,681	1,666
Indiana	4,857	3,748	3,576	3,293	3,182	2,982
Iowa	982	959	929	939	923	936
Kansas	1,213	1,209	1,165	1,157	1,135	1,141
Kentucky	1,049	1,036	1,026	1,039	1,037	1,043
Louisiana	1,583	1,496	1,372	1,318	1,408	1,339
Maine	1,887	2,032	1,942	1,931	2,133	2,071
Maryland	7,472	7,251	6,988	6,886	6,688	6,696
Massachusetts	10,146	9,989	9,735	9,575	9,325	9,269
Michigan	3,926	3,176	2,872	2,561	2,331	2,010
Minnesota	1,161	1,131	1,085	1,063	1,042	1,033
Mississippi	3,120	3,284	3,130	3,068	3,261	3,162
Missouri	8,288	8,220	7,994	7,977	7,849	7,884
Montana	107	106	105	103	104	104
Nebraska	132	131	129	128	127	128
Nevada	459	418	380	365	348	343
New Hampshire	965	950	925	939	930	942
New Jersey	4,732	4,673	4,621	4,577	4,463	4,458
New Mexico	1,053	1,039	1,017	983	949	931
New York	6,249	6,161	6,003	5,922	5,748	5,728
North Carolina	858	810	779	777	767	768
North Dakota	29	29	28	27	27	27
Ohio	4,803	4,356	4,208	4,033	3,903	3,791
Oklahoma	833	824	812	821	817	828
Oregon	362	318	306	292	290	279
Pennsylvania	7,695	7,138	6,741	6,431	6,157	5,917
Rhode Island	388	386	379	380	376	379
South Carolina	1,051	977	941	918	902	882
South Dakota	100	90	86	84	83	82
Tennessee	1,576	1,494	1,448	1,377	1,327	1,291
Texas	21,041	20,442	19,692	19,233	18,722	18,593
Utah	1,994	2,012	2,039	2,057	2,025	2,061
Vermont	666	655	631	624	606	604
Virginia	15,635	15,470	15,015	14,878	14,926	14,876
Washington	3,498	3,488	3,388	3,340	3,282	3,262
West Virginia	212	209	203	196	190	187
Wisconsin	2,135	1,633	1,546	1,396	1,346	1,237
Wyoming	19	19	18	18	18	17
<b>U.S. Total</b>	<b>194,106</b>	<b>188,654</b>	<b>182,642</b>	<b>179,141</b>	<b>176,246</b>	<b>174,555</b>

Source: RDEPPS Calculations

**Table 12**  
**Projections of Total Direct Expenditures, Excluding Procurement and RDT&E, by State**  
(Millions of 2009 dollars)

<b>State</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Alabama	8,198	7,939	7,353	7,306	7,242	7,213
Alaska	5,145	5,133	4,885	4,843	4,736	4,649
Arizona	7,093	7,008	6,641	6,607	6,557	6,516
Arkansas	2,195	2,125	1,980	1,964	1,947	1,937
California	36,843	35,965	33,714	33,535	33,316	33,206
Colorado	9,009	8,843	8,313	8,247	8,132	8,057
Connecticut	2,271	2,217	2,061	2,047	2,036	2,030
Delaware	740	732	704	702	696	690
District of Columbia	8,282	7,944	7,262	7,203	7,145	7,146
Florida	20,566	20,060	18,789	18,680	18,531	18,420
Georgia	16,086	15,783	14,952	14,875	14,727	14,629
Hawaii	7,768	7,655	7,329	7,318	7,271	7,242
Idaho	970	972	946	938	922	908
Illinois	7,294	7,163	6,721	6,686	6,648	6,626
Indiana	3,238	3,098	2,818	2,801	2,782	2,773
Iowa	1,090	1,046	950	944	938	932
Kansas	4,317	4,296	4,084	4,051	3,985	3,935
Kentucky	6,700	6,581	6,242	6,218	6,175	6,148
Louisiana	4,590	4,502	4,202	4,164	4,072	3,995
Maine	1,461	1,411	1,321	1,315	1,309	1,310
Maryland	16,982	16,315	14,897	14,781	14,642	14,592
Massachusetts	4,996	4,726	4,188	4,144	4,116	4,112
Michigan	3,423	3,319	3,061	3,047	3,036	3,031
Minnesota	2,344	2,289	2,098	2,074	2,067	2,074
Mississippi	3,472	3,506	3,410	3,378	3,281	3,199
Missouri	4,723	4,653	4,363	4,331	4,309	4,300
Montana	788	790	762	757	744	732
Nebraska	2,063	2,035	1,933	1,920	1,902	1,895
Nevada	2,833	2,769	2,607	2,595	2,579	2,566
New Hampshire	909	882	818	811	801	794
New Jersey	6,730	6,483	5,924	5,873	5,821	5,806
New Mexico	2,921	2,860	2,709	2,697	2,675	2,661
New York	8,316	8,010	7,423	7,378	7,311	7,270
North Carolina	14,841	14,491	13,850	13,659	13,463	13,356
North Dakota	1,012	1,013	975	970	956	944
Ohio	7,379	7,178	6,653	6,602	6,563	6,566
Oklahoma	6,190	6,051	5,722	5,704	5,677	5,667
Oregon	1,469	1,418	1,313	1,305	1,295	1,286
Pennsylvania	9,252	8,927	8,154	8,099	8,036	8,006
Rhode Island	1,158	1,132	1,069	1,067	1,060	1,056
South Carolina	6,970	6,800	6,429	6,406	6,373	6,352
South Dakota	952	962	931	919	901	894
Tennessee	7,799	7,400	6,694	6,644	6,594	6,567
Texas	26,583	26,023	24,497	24,380	24,243	24,149
Utah	3,127	3,012	2,787	2,776	2,755	2,744
Vermont	407	396	363	362	362	360
Virginia	59,820	57,987	53,490	52,966	52,304	52,006
Washington	10,384	10,221	9,777	9,751	9,695	9,662
West Virginia	686	707	695	686	660	636
Wisconsin	1,981	1,923	1,757	1,736	1,723	1,720
Wyoming	550	545	526	525	520	516
<b>U.S. Total</b>	<b>374,916</b>	<b>365,296</b>	<b>341,143</b>	<b>338,789</b>	<b>335,631</b>	<b>333,882</b>

Source: RDEPPS Calculations

**Table 13**  
**Projections of Indirect Defense Purchases Resulting from Direct Purchases, by State**  
(Millions of 2009 dollars)

<b>State</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Alabama	5,390	5,104	4,706	4,583	4,479	4,395
Alaska	1,805	1,717	1,542	1,514	1,485	1,467
Arizona	5,708	5,519	5,187	5,143	5,100	5,097
Arkansas	1,948	1,832	1,675	1,636	1,611	1,585
California	30,553	29,279	27,076	26,566	26,107	25,830
Colorado	4,787	4,554	4,158	4,095	4,040	4,015
Connecticut	4,101	3,934	3,652	3,605	3,566	3,516
Delaware	929	887	815	802	792	785
District of Columbia	4,016	3,785	3,397	3,367	3,353	3,352
Florida	10,200	9,758	8,999	8,838	8,690	8,604
Georgia	10,855	10,280	9,412	9,249	9,133	9,065
Hawaii	1,403	1,327	1,198	1,175	1,154	1,144
Idaho	670	647	604	597	589	585
Illinois	9,624	9,101	8,342	8,173	8,054	7,941
Indiana	6,098	5,683	5,240	5,096	5,013	4,903
Iowa	1,952	1,856	1,712	1,676	1,654	1,631
Kansas	2,497	2,384	2,188	2,149	2,119	2,109
Kentucky	4,153	3,866	3,514	3,419	3,359	3,304
Louisiana	5,557	5,246	4,703	4,609	4,524	4,461
Maine	684	659	611	601	588	581
Maryland	7,950	7,557	6,882	6,771	6,665	6,630
Massachusetts	6,935	6,689	6,287	6,191	6,111	6,052
Michigan	5,901	5,483	5,059	4,925	4,848	4,748
Minnesota	3,829	3,653	3,371	3,309	3,257	3,215
Mississippi	2,571	2,436	2,227	2,185	2,156	2,141
Missouri	4,668	4,454	4,131	4,042	3,974	3,920
Montana	522	500	463	453	446	441
Nebraska	1,117	1,059	966	949	938	930
Nevada	1,418	1,351	1,241	1,222	1,207	1,196
New Hampshire	827	790	729	717	706	698
New Jersey	7,543	7,192	6,637	6,531	6,439	6,376
New Mexico	1,750	1,675	1,532	1,506	1,484	1,472
New York	12,762	12,151	11,179	10,998	10,852	10,759
North Carolina	6,380	6,059	5,569	5,465	5,390	5,324
North Dakota	406	385	351	344	339	335
Ohio	9,493	8,936	8,241	8,044	7,906	7,761
Oklahoma	3,040	2,879	2,605	2,560	2,525	2,502
Oregon	2,609	2,504	2,334	2,302	2,273	2,252
Pennsylvania	9,652	9,146	8,427	8,236	8,095	7,947
Rhode Island	622	593	545	536	527	519
South Carolina	4,288	4,041	3,696	3,637	3,606	3,589
South Dakota	438	417	384	377	372	369
Tennessee	4,199	3,984	3,681	3,599	3,536	3,476
Texas	23,520	22,362	20,352	20,016	19,760	19,572
Utah	2,354	2,242	2,075	2,051	2,024	2,014
Vermont	344	332	310	307	303	301
Virginia	16,972	16,454	15,292	15,089	14,770	14,572
Washington	5,403	5,178	4,763	4,674	4,590	4,549
West Virginia	1,024	968	887	866	850	834
Wisconsin	4,311	4,089	3,766	3,683	3,622	3,565
Wyoming	554	526	476	467	461	454
<b>U.S. Total</b>	<b>266,335</b>	<b>253,500</b>	<b>233,189</b>	<b>228,945</b>	<b>225,439</b>	<b>222,879</b>

Source: RDEPPS Calculations

**Table 14**  
**Projections of Induced Defense Purchases Resulting from Direct Pay, by State**  
(Millions of 2009 dollars)

<b>State</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Alabama	2,080	2,071	2,054	2,067	2,062	2,059
Alaska	775	773	766	771	769	768
Arizona	1,803	1,794	1,778	1,789	1,783	1,780
Arkansas	812	807	799	803	800	797
California	12,555	12,497	12,385	12,462	12,429	12,408
Colorado	2,066	2,057	2,039	2,051	2,045	2,041
Connecticut	985	977	967	972	969	966
Delaware	376	372	368	369	367	366
District of Columbia	1,169	1,164	1,154	1,161	1,157	1,155
Florida	5,771	5,745	5,693	5,727	5,710	5,700
Georgia	4,630	4,612	4,571	4,599	4,587	4,580
Hawaii	1,835	1,830	1,814	1,826	1,821	1,818
Idaho	381	379	376	378	377	376
Illinois	3,285	3,266	3,234	3,251	3,241	3,233
Indiana	1,735	1,725	1,711	1,722	1,719	1,717
Iowa	673	670	663	666	663	661
Kansas	1,120	1,115	1,105	1,111	1,108	1,105
Kentucky	1,921	1,912	1,894	1,904	1,898	1,893
Louisiana	1,447	1,444	1,433	1,442	1,439	1,437
Maine	503	501	497	500	499	498
Maryland	2,934	2,923	2,897	2,914	2,906	2,901
Massachusetts	1,519	1,506	1,489	1,496	1,490	1,485
Michigan	2,320	2,296	2,272	2,278	2,266	2,254
Minnesota	1,084	1,077	1,066	1,071	1,067	1,064
Mississippi	984	980	972	978	976	975
Missouri	1,748	1,739	1,724	1,734	1,730	1,726
Montana	237	236	234	236	235	234
Nebraska	656	653	646	650	647	646
Nevada	766	762	755	759	756	754
New Hampshire	320	318	315	317	316	315
New Jersey	2,480	2,471	2,453	2,472	2,470	2,471
New Mexico	804	801	794	799	796	795
New York	4,962	4,912	4,853	4,869	4,844	4,825
North Carolina	4,971	4,950	4,905	4,934	4,921	4,913
North Dakota	283	281	279	280	279	278
Ohio	3,145	3,124	3,094	3,109	3,099	3,090
Oklahoma	1,752	1,745	1,730	1,741	1,736	1,732
Oregon	787	783	776	780	778	776
Pennsylvania	3,086	3,075	3,052	3,074	3,071	3,071
Rhode Island	415	412	408	411	409	408
South Carolina	1,953	1,945	1,929	1,941	1,937	1,934
South Dakota	263	261	259	260	258	257
Tennessee	1,645	1,636	1,621	1,629	1,625	1,622
Texas	8,620	8,591	8,520	8,576	8,557	8,547
Utah	984	979	970	976	973	971
Vermont	127	126	125	126	125	125
Virginia	8,367	8,336	8,261	8,311	8,285	8,270
Washington	3,312	3,300	3,270	3,291	3,281	3,276
West Virginia	291	290	288	290	290	290
Wisconsin	1,047	1,041	1,031	1,036	1,034	1,032
Wyoming	178	177	176	177	177	177
<b>U.S. Total</b>	<b>107,960</b>	<b>107,439</b>	<b>106,463</b>	<b>107,086</b>	<b>106,777</b>	<b>106,578</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 manufacturing industries projected to lead in defense production in calendar year 2009.

(Although IDEPPS, the detailed interindustry model, forecasts defense demands by 360 industries, only 75 are presented in this section and all of industry summary is in the appendix.) 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 2008 to 2013. The lower portion of each table displays the purchasing sectors for the indirect sales of the subject industry.

As indicated in the introduction, indirect (sometimes called intermediate) demand reflects the costs of materials, parts, and services that prime contractors buy from suppliers in order to perform work for which DoD has contracted. Those sales, in turn, trigger subsequent rounds of transactions as subcontractors purchase goods and services from their major suppliers and those firms place orders with companies at lower tiers of the production chain. For example, a direct expenditure for aircraft stimulates indirect purchases for the electronic components, tires, aluminum, engineering and logistic services used to manufacture the aircraft. The term “indirect defense purchases” applies to this sequence of purchases—goods and services from subcontractors and lower-tier suppliers.

In addition, for the 10 most important defense industries, tables are provided that display the origins of defense-related demand (both direct and indirect) by DoD purchasing function. That is, these tables trace the source of industrial demand by DoD program such as operations and maintenance or aircraft procurement.

**Table 1a Projected Defense Purchases of  
313 Scientific research and development**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	39,753	39,057	37,668	35,965	34,399	33,457
Indirect Purchases	1,994	1,871	1,753	1,738	1,723	1,706
<b>Total :</b>	<b>41,747</b>	<b>40,928</b>	<b>39,421</b>	<b>37,703</b>	<b>36,122</b>	<b>35,163</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	94	93	92	96	96	98
Aircraft Parts	233	237	238	251	253	262
Ammunition	19	19	18	17	17	17
Communication Equipment	327	321	311	319	317	324
Missiles	87	96	92	86	81	81
Motor Vehicles	126	84	79	67	64	55
Shipbuilding	152	166	157	156	176	171
Tanks	118	93	81	66	52	32
Other Electronic Equipment	32	32	32	32	32	32
Other Ordinances	12	12	10	10	9	8
Other	794	718	643	637	627	625
<b>Total :</b>	<b>1,994</b>	<b>1,871</b>	<b>1,753</b>	<b>1,738</b>	<b>1,723</b>	<b>1,706</b>

*Note: numbers may not add due to rounding*

**Table 1b Sources of Projected Defense Purchases**  
**313 Scientific research and development**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	52	53	50	51	52	52
Operations & Maintenance *	3,418	3,036	2,497	2,461	2,424	2,411
Aircraft	1,291	1,328	1,282	1,274	1,255	1,344
Missiles	497	511	482	483	494	503
Weapons and Tracked Vehicles	278	220	182	141	117	81
Shipbuilding	311	322	242	231	291	281
Ammunition	163	164	158	156	157	160
Other	1,174	1,060	1,030	1,086	1,044	1,100
Total Procurement	3,714	3,606	3,376	3,371	3,358	3,470
RDT&E	34,466	34,102	33,349	31,678	30,172	29,136
Military Construction	91	126	145	138	113	91
Family Housing	7	5	5	4	4	3
<b>Total :</b>	<b>41,747</b>	<b>40,928</b>	<b>39,421</b>	<b>37,703</b>	<b>36,122</b>	<b>35,163</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 2a Projected Defense Purchases of  
306 Architectural and engineering services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32,885	32,674	31,371	30,877	30,000	29,943
Indirect Purchases	5,271	5,141	4,840	4,714	4,511	4,367
<b>Total :</b>	<b>38,156</b>	<b>37,814</b>	<b>36,211</b>	<b>35,591</b>	<b>34,511</b>	<b>34,310</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	65	63	62	65	64	65
Aircraft Parts	109	110	110	115	114	118
Ammunition	30	30	29	27	27	27
Communication Equipment	238	232	223	227	224	227
Missiles	45	49	46	43	40	40
Motor Vehicles	96	64	59	50	47	41
Shipbuilding	115	125	118	116	129	125
Tanks	57	45	39	32	25	15
Other Electronic Equipment	25	26	25	25	25	25
Other Ordinances	17	15	13	12	11	10
Other	4,473	4,382	4,116	4,003	3,804	3,675
<b>Total :</b>	<b>5,271</b>	<b>5,141</b>	<b>4,840</b>	<b>4,714</b>	<b>4,511</b>	<b>4,367</b>

*Note: numbers may not add due to rounding*

**Table 2b Sources of Projected Defense Purchases**  
**306 Architectural and engineering services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	137	136	128	129	130	130
Operations & Maintenance *	13,480	12,813	11,008	10,865	10,752	10,712
Aircraft	2,090	2,206	2,268	2,328	2,386	2,528
Missiles	2,111	2,067	2,097	2,000	1,995	1,976
Weapons and Tracked Vehicles	699	521	429	348	287	185
Shipbuilding	5,044	5,562	6,297	6,480	6,646	6,948
Ammunition	92	95	94	96	96	97
Other	4,305	3,932	3,525	3,692	3,467	3,686
Total Procurement	14,342	14,384	14,709	14,945	14,877	15,420
RDT&E	8,379	8,204	7,799	7,200	6,657	6,265
Military Construction	1,559	2,057	2,372	2,290	1,959	1,658
Family Housing	259	221	194	163	136	125
<b>Total :</b>	<b>38,156</b>	<b>37,814</b>	<b>36,211</b>	<b>35,591</b>	<b>34,511</b>	<b>34,310</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 3a Projected Defense Purchases of**

**269 Wholesale trade**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8,993	8,845	7,909	7,740	7,757	7,913
Indirect Purchases	14,103	13,371	12,355	12,144	11,989	11,845
<b>Total :</b>	<b>23,095</b>	<b>22,216</b>	<b>20,265</b>	<b>19,884</b>	<b>19,745</b>	<b>19,758</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	201	198	196	205	204	208
Aircraft Parts	477	486	488	513	516	536
Ammunition	337	336	328	310	309	309
Communication Equipment	1,227	1,206	1,168	1,199	1,189	1,216
Missiles	121	134	128	120	113	114
Motor Vehicles	799	533	497	421	402	347
Shipbuilding	559	612	580	575	646	627
Tanks	334	262	229	187	146	89
Other Electronic Equipment	155	157	154	156	158	157
Other Ordinances	129	119	99	96	85	80
Other	9,763	9,330	8,488	8,362	8,220	8,162
<b>Total :</b>	<b>14,103</b>	<b>13,371</b>	<b>12,355</b>	<b>12,144</b>	<b>11,989</b>	<b>11,844</b>

*Note: numbers may not add due to rounding*

**Table 3b Sources of Projected Defense Purchases**

**269 Wholesale trade**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	788	792	751	761	773	778
Operations & Maintenance *	12,976	12,463	10,816	10,557	10,546	10,686
Aircraft	1,723	1,746	1,764	1,907	2,009	2,117
Missiles	373	318	327	298	297	293
Weapons and Tracked Vehicles	1,168	820	728	603	546	433
Shipbuilding	558	620	603	593	658	606
Ammunition	277	279	273	267	270	279
Other	2,626	2,471	2,290	2,356	2,323	2,414
Total Procurement	6,725	6,253	5,986	6,025	6,103	6,141
RDT&E	1,943	1,923	1,837	1,699	1,584	1,506
Military Construction	505	652	752	736	649	564
Family Housing	159	134	122	106	90	83
<b>Total :</b>	<b>23,095</b>	<b>22,216</b>	<b>20,265</b>	<b>19,884</b>	<b>19,745</b>	<b>19,758</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 4a Projected Defense Purchases of  
289 Telecommunications**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11,659	11,148	10,024	9,920	9,882	9,964
Indirect Purchases	10,377	10,016	9,221	9,149	9,069	9,083
<b>Total :</b>	<b>22,036</b>	<b>21,164</b>	<b>19,245</b>	<b>19,069</b>	<b>18,950</b>	<b>19,047</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	61	61	61	64	64	66
Aircraft Parts	114	118	120	127	129	135
Ammunition	48	48	48	45	46	46
Communication Equipment	301	299	293	303	303	312
Missiles	47	53	51	48	46	47
Motor Vehicles	132	90	84	72	69	60
Shipbuilding	115	128	122	122	139	136
Tanks	66	52	46	38	30	18
Other Electronic Equipment	33	34	33	34	35	35
Other Ordinances	31	29	25	24	22	21
Other	9,429	9,104	8,338	8,269	8,186	8,208
<b>Total :</b>	<b>10,377</b>	<b>10,016</b>	<b>9,221</b>	<b>9,149</b>	<b>9,069</b>	<b>9,083</b>

*Note: numbers may not add due to rounding*

**Table 4b Sources of Projected Defense Purchases**  
**289 Telecommunications**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	428	436	418	428	438	444
Operations & Maintenance *	16,587	15,763	13,883	13,713	13,699	13,823
Aircraft	525	538	548	596	630	667
Missiles	173	176	186	178	179	179
Weapons and Tracked Vehicles	220	158	141	118	105	81
Shipbuilding	279	315	351	363	377	374
Ammunition	49	50	50	49	50	52
Other	1,895	1,800	1,704	1,752	1,742	1,807
<b>Total Procurement</b>	<b>3,141</b>	<b>3,038</b>	<b>2,981</b>	<b>3,055</b>	<b>3,084</b>	<b>3,159</b>
RDT&E	1,374	1,377	1,350	1,279	1,219	1,177
Military Construction	253	340	395	385	330	279
Family Housing	254	210	219	210	181	165
<b>Total :</b>	<b>22,036</b>	<b>21,164</b>	<b>19,245</b>	<b>19,069</b>	<b>18,950</b>	<b>19,047</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 5a Projected Defense Purchases of  
241 Aircraft**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	21,039	20,332	18,784	18,601	18,254	18,346
Indirect Purchases	314	307	292	295	292	294
<b>Total :</b>	<b>21,353</b>	<b>20,639</b>	<b>19,076</b>	<b>18,896</b>	<b>18,546</b>	<b>18,640</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	45	44	44	46	46	47
Aircraft Parts	66	67	67	71	71	74
Ammunition	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1
Missiles	0	0	0	0	0	0
Motor Vehicles	1	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1
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	200	192	177	175	172	171
<b>Total :</b>	<b>314</b>	<b>307</b>	<b>292</b>	<b>295</b>	<b>292</b>	<b>294</b>

*Note: numbers may not add due to rounding*

**Table 5b Sources of Projected Defense Purchases  
241 Aircraft**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	30	30	29	29	30	30
Operations & Maintenance *	468	426	356	352	347	342
Aircraft	13,287	12,770	11,848	12,395	12,643	13,135
Missiles	49	35	24	20	18	15
Weapons and Tracked Vehicles	37	25	23	19	17	14
Shipbuilding	1	1	2	2	2	2
Ammunition	2	2	2	2	2	2
Other	290	287	313	328	343	353
<b>Total Procurement</b>	<b>13,666</b>	<b>13,119</b>	<b>12,211</b>	<b>12,765</b>	<b>13,025</b>	<b>13,521</b>
RDT&E	7,187	7,060	6,475	5,744	5,140	4,743
Military Construction	3	4	4	5	4	4
Family Housing	0	0	0	0	0	0
<b>Total :</b>	<b>21,353</b>	<b>20,639</b>	<b>19,076</b>	<b>18,896</b>	<b>18,546</b>	<b>18,640</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 6a Projected Defense Purchases of**

**297 Real estate**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,645	4,370	3,938	3,800	3,615	3,517
Indirect Purchases	14,672	14,115	13,030	12,863	12,704	12,681
<b>Total :</b>	<b>19,317</b>	<b>18,486</b>	<b>16,968</b>	<b>16,663</b>	<b>16,319</b>	<b>16,198</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	79	78	78	83	83	85
Aircraft Parts	214	220	223	236	239	250
Ammunition	92	93	91	87	87	88
Communication Equipment	493	488	476	492	491	505
Missiles	66	74	72	67	64	65
Motor Vehicles	178	120	113	96	93	80
Shipbuilding	209	231	221	221	250	244
Tanks	194	154	135	111	88	53
Other Electronic Equipment	45	46	46	47	48	48
Other Ordinances	51	48	40	39	36	34
Other	13,050	12,564	11,535	11,383	11,227	11,230
<b>Total :</b>	<b>14,672</b>	<b>14,116</b>	<b>13,030</b>	<b>12,863</b>	<b>12,704</b>	<b>12,681</b>

*Note: numbers may not add due to rounding*

**Table 6b Sources of Projected Defense Purchases**

**297 Real estate**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	837	849	811	827	846	856
Operations & Maintenance *	10,823	10,072	8,617	8,505	8,495	8,587
Aircraft	805	826	842	910	960	1,017
Missiles	218	213	219	211	216	218
Weapons and Tracked Vehicles	407	298	264	217	187	134
Shipbuilding	492	552	607	624	652	648
Ammunition	92	94	92	91	93	96
Other	1,241	1,152	1,060	1,079	1,052	1,092
<b>Total Procurement</b>	<b>3,255</b>	<b>3,134</b>	<b>3,083</b>	<b>3,132</b>	<b>3,160</b>	<b>3,204</b>
RDT&E	2,743	2,736	2,678	2,541	2,420	2,337
Military Construction	623	850	984	945	789	653
Family Housing	1,035	845	795	712	610	561
<b>Total :</b>	<b>19,317</b>	<b>18,486</b>	<b>16,968</b>	<b>16,663</b>	<b>16,319</b>	<b>16,198</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 7a Projected Defense Purchases of  
271 Air transportation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	16,330	15,492	13,961	13,913	13,865	13,841
Indirect Purchases	2,497	2,360	2,157	2,131	2,107	2,106
<b>Total :</b>	<b>18,827</b>	<b>17,852</b>	<b>16,118</b>	<b>16,044</b>	<b>15,972</b>	<b>15,948</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	50	50	49	51	51	52
Aircraft Parts	51	52	52	55	55	57
Ammunition	24	24	24	22	22	22
Communication Equipment	106	104	101	103	102	105
Missiles	22	25	24	22	21	21
Motor Vehicles	60	40	37	32	30	26
Shipbuilding	53	58	55	55	62	60
Tanks	30	23	20	17	13	8
Other Electronic Equipment	12	12	12	12	13	13
Other Ordinances	13	12	10	10	9	8
Other	2,075	1,959	1,772	1,752	1,729	1,733
<b>Total :</b>	<b>2,497</b>	<b>2,360</b>	<b>2,157</b>	<b>2,131</b>	<b>2,107</b>	<b>2,106</b>

*Note: numbers may not add due to rounding*

**Table 7b Sources of Projected Defense Purchases**

**271 Air transportation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	3,560	3,620	3,470	3,520	3,579	3,601
Operations & Maintenance *	13,258	12,303	10,809	10,710	10,612	10,573
Aircraft	556	541	505	532	549	574
Missiles	51	48	49	46	47	47
Weapons and Tracked Vehicles	119	83	72	61	58	50
Shipbuilding	91	101	106	107	114	111
Ammunition	22	22	22	21	21	22
Other	482	447	415	419	412	423
Total Procurement	1,321	1,242	1,169	1,187	1,200	1,226
RDT&E	605	596	573	536	503	479
Military Construction	49	64	74	72	62	53
Family Housing	34	26	23	19	16	15
<b>Total :</b>	<b>18,827</b>	<b>17,852</b>	<b>16,118</b>	<b>16,044</b>	<b>15,972</b>	<b>15,948</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 8a Projected Defense Purchases of  
274 Truck transportation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13,762	12,314	10,177	9,958	9,823	9,796
Indirect Purchases	5,892	5,451	4,875	4,734	4,642	4,552
<b>Total :</b>	<b>19,653</b>	<b>17,766</b>	<b>15,052</b>	<b>14,692</b>	<b>14,464</b>	<b>14,349</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	49	48	47	49	48	49
Aircraft Parts	212	215	214	224	223	231
Ammunition	248	245	238	224	223	221
Communication Equipment	127	123	118	120	118	120
Missiles	37	41	39	36	34	34
Motor Vehicles	306	199	186	156	148	128
Shipbuilding	220	238	224	221	247	238
Tanks	65	50	44	35	27	16
Other Electronic Equipment	18	18	18	18	18	18
Other Ordinances	52	48	40	38	34	31
Other	4,557	4,225	3,707	3,613	3,521	3,465
<b>Total :</b>	<b>5,892</b>	<b>5,451</b>	<b>4,875</b>	<b>4,734</b>	<b>4,642</b>	<b>4,552</b>

*Note: numbers may not add due to rounding*

**Table 8b Sources of Projected Defense Purchases**

**274 Truck transportation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	6,283	6,191	5,777	5,834	5,914	5,952
Operations & Maintenance *	8,690	7,576	5,876	5,747	5,668	5,631
Aircraft	437	451	467	510	549	580
Missiles	131	98	102	91	93	91
Weapons and Tracked Vehicles	346	239	213	175	158	124
Shipbuilding	222	244	235	226	249	229
Ammunition	188	188	183	178	179	185
Other	2,542	1,935	1,353	1,142	945	907
Total Procurement	3,865	3,155	2,553	2,322	2,172	2,115
RDT&E	558	546	520	480	446	422
Military Construction	182	235	269	260	224	192
Family Housing	75	63	57	48	41	37
<b>Total :</b>	<b>19,653</b>	<b>17,766</b>	<b>15,052</b>	<b>14,692</b>	<b>14,464</b>	<b>14,349</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 9a Projected Defense Purchases of  
31 New non-residential building construction**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12,737	13,846	14,003	13,496	12,119	10,975
<b>Total :</b>	<b>12,737</b>	<b>13,846</b>	<b>14,003</b>	<b>13,496</b>	<b>12,119</b>	<b>10,975</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Other	-64	-84	-88	-85	-78	-71
<b>Total :</b>	<b>-64</b>	<b>-84</b>	<b>-88</b>	<b>-85</b>	<b>-78</b>	<b>-71</b>

*Note: numbers may not add due to rounding*

**Table 9b Sources of Projected Defense Purchases**  
**31 New non-residential building construction**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Operations & Maintenance *	5,101	4,578	3,741	3,689	3,652	3,636
Aircraft	0	0	1	1	1	1
Missiles	0	0	0	0	0	0
Weapons and Tracked Vehicles	0	0	0	0	0	0
Other	734	717	712	734	747	766
Total Procurement	735	717	713	735	748	767
RDT&E	22	21	19	17	15	14
Military Construction	5,533	7,366	8,510	8,207	6,992	5,904
Family Housing	1,347	1,165	1,020	848	713	655
<b>Total :</b>	<b>12,737</b>	<b>13,846</b>	<b>14,003</b>	<b>13,496</b>	<b>12,119</b>	<b>10,975</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 10a Projected Defense Purchases of  
243 Other aircraft parts and equipment**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10,177	10,378	10,424	10,965	11,029	11,454
Indirect Purchases	2,387	2,365	2,314	2,254	2,162	2,122
<b>Total :</b>	<b>12,565</b>	<b>12,743</b>	<b>12,738</b>	<b>13,219</b>	<b>13,191</b>	<b>13,576</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	7	7	7	7	7	7
Aircraft Parts	295	297	301	322	328	341
Ammunition	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1
Missiles	0	0	0	0	0	0
Motor Vehicles	1	1	0	0	0	0
Shipbuilding	1	1	1	1	1	1
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	2,081	2,058	2,003	1,922	1,823	1,771
<b>Total :</b>	<b>2,387</b>	<b>2,365</b>	<b>2,314</b>	<b>2,254</b>	<b>2,162</b>	<b>2,122</b>

*Note: numbers may not add due to rounding*

**Table 10b Sources of Projected Defense Purchases**  
**243 Other aircraft parts and equipment**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>						
Military Personnel	75	78	76	78	79	80
Operations & Maintenance *	1,283	1,243	1,109	1,100	1,087	1,071
Aircraft	8,113	8,337	8,596	9,274	9,425	9,917
Missiles	166	179	185	186	199	202
Weapons and Tracked Vehicles	15	14	12	10	9	7
Shipbuilding	3	3	3	3	4	3
Ammunition	17	18	18	19	19	18
Other	543	540	549	563	543	557
Total Procurement	8,857	9,092	9,363	10,055	10,199	10,705
RDT&E	2,344	2,323	2,182	1,978	1,818	1,712
Military Construction	5	7	8	8	8	7
Family Housing	0	0	0	0	0	0
<b>Total :</b>	<b>12,565</b>	<b>12,743</b>	<b>12,738</b>	<b>13,219</b>	<b>13,191</b>	<b>13,576</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 11 Projected Defense Purchases of  
317 All other miscellaneous professional and technical services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7,762	7,587	7,397	7,254	7,057	7,030
Indirect Purchases	5,192	5,086	4,834	4,797	4,760	4,736
<b>Total :</b>	<b>12,955</b>	<b>12,673</b>	<b>12,231</b>	<b>12,051</b>	<b>11,817</b>	<b>11,765</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	109	110	110	117	117	121
Aircraft Parts	187	194	198	211	214	224
Ammunition	89	91	90	86	87	87
Communication Equipment	404	405	399	415	415	428
Missiles	74	84	82	77	74	74
Motor Vehicles	178	122	115	99	96	83
Shipbuilding	220	246	236	238	269	264
Tanks	118	94	84	69	55	33
Other Electronic Equipment	43	45	45	46	47	47
Other Ordinances	53	50	43	42	39	36
Other	3,716	3,646	3,432	3,397	3,347	3,337
<b>Total :</b>	<b>5,192</b>	<b>5,086</b>	<b>4,834</b>	<b>4,797</b>	<b>4,760</b>	<b>4,736</b>

*Note: numbers may not add due to rounding*

**Table 12 Projected Defense Purchases of  
27 Electric Utilities**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7,913	7,310	6,236	6,118	6,082	5,988
Indirect Purchases	5,656	5,311	4,775	4,663	4,580	4,509
<b>Total :</b>	<b>13,568</b>	<b>12,621</b>	<b>11,011</b>	<b>10,781</b>	<b>10,663</b>	<b>10,498</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	61	60	59	61	60	61
Aircraft Parts	149	150	150	156	156	161
Ammunition	65	64	62	58	58	57
Communication Equipment	214	208	201	205	203	207
Missiles	35	39	37	34	32	32
Motor Vehicles	122	81	75	63	59	51
Shipbuilding	156	169	159	156	174	168
Tanks	96	75	65	53	41	25
Other Electronic Equipment	28	28	27	27	27	27
Other Ordinances	45	41	35	33	30	28
Other	4,685	4,396	3,906	3,816	3,739	3,692
<b>Total :</b>	<b>5,656</b>	<b>5,311</b>	<b>4,775</b>	<b>4,663</b>	<b>4,580</b>	<b>4,509</b>

*Note: numbers may not add due to rounding*

**Table 13 Projected Defense Purchases of  
247 Ship building and repairing**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10,680	11,694	11,089	11,013	12,375	12,028
Indirect Purchases	144	128	104	102	100	99
<b>Total :</b>	<b>10,824</b>	<b>11,822</b>	<b>11,193</b>	<b>11,115</b>	<b>12,475</b>	<b>12,127</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
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
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	147	132	108	106	105	104
<b>Total :</b>	<b>148</b>	<b>133</b>	<b>109</b>	<b>107</b>	<b>105</b>	<b>104</b>

*Note: numbers may not add due to rounding*

**Table 14 Projected Defense Purchases of  
211 Search, detection, and navigation instruments**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10,893	10,704	10,496	10,826	10,867	11,093
Indirect Purchases	901	894	873	833	791	767
<b>Total :</b>	<b>11,794</b>	<b>11,598</b>	<b>11,368</b>	<b>11,659</b>	<b>11,658</b>	<b>11,860</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	3	3	3	3	3	3
Aircraft Parts	4	4	4	5	5	5
Ammunition	39	39	38	36	36	36
Missiles	52	57	55	51	48	48
Motor Vehicles	0	0	0	0	0	0
Shipbuilding	7	8	8	8	9	8
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	845	839	822	786	744	720
<b>Total :</b>	<b>950</b>	<b>950</b>	<b>929</b>	<b>888</b>	<b>844</b>	<b>821</b>

*Note: numbers may not add due to rounding*

**Table 15 Projected Defense Purchases of**

**88 Petroleum refineries**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	399	542	307	248	263	229
Indirect Purchases	11,072	10,331	9,148	8,932	8,727	8,566
<b>Total :</b>	<b>11,471</b>	<b>10,873</b>	<b>9,455</b>	<b>9,180</b>	<b>8,990</b>	<b>8,795</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	44	43	43	44	43	44
Aircraft Parts	266	269	268	280	279	287
Ammunition	82	81	78	73	73	72
Communication Equipment	132	128	123	126	124	125
Missiles	88	97	92	85	80	79
Motor Vehicles	221	146	135	113	107	90
Shipbuilding	158	171	161	158	176	169
Tanks	59	46	40	32	25	15
Other Electronic Equipment	20	20	20	20	20	20
Other Ordinances	37	34	29	28	25	24
Other	9,964	9,294	8,159	7,972	7,776	7,641
<b>Total :</b>	<b>11,072</b>	<b>10,331</b>	<b>9,148</b>	<b>8,931</b>	<b>8,727</b>	<b>8,566</b>

*Note: numbers may not add due to rounding*

**Table 16 Projected Defense Purchases of  
310 Other computer related services, including facilities management**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9,722	9,433	8,478	8,364	8,229	8,251
Indirect Purchases	1,417	1,371	1,270	1,270	1,267	1,273
<b>Total :</b>	<b>11,139</b>	<b>10,804</b>	<b>9,748</b>	<b>9,635</b>	<b>9,496</b>	<b>9,524</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	7	7	7	7	7	8
Aircraft Parts	22	23	24	25	26	27
Ammunition	8	8	8	8	8	8
Communication Equipment	55	55	54	56	57	59
Missiles	14	16	15	15	14	14
Motor Vehicles	18	12	12	10	10	9
Shipbuilding	24	27	26	27	30	30
Tanks	11	9	8	7	5	3
Other Electronic Equipment	5	5	5	5	6	6
Other Ordinances	6	5	4	4	4	4
Other	1,247	1,203	1,106	1,105	1,099	1,105
<b>Total :</b>	<b>1,417</b>	<b>1,371</b>	<b>1,270</b>	<b>1,270</b>	<b>1,267</b>	<b>1,273</b>

*Note: numbers may not add due to rounding*

**Table 17 Projected Defense Purchases of  
311 Management consulting**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5,200	4,705	3,936	3,868	3,803	3,782
Indirect Purchases	4,136	4,039	3,795	3,784	3,767	3,787
<b>Total :</b>	<b>9,336</b>	<b>8,744</b>	<b>7,731</b>	<b>7,652</b>	<b>7,570</b>	<b>7,569</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	29	29	30	32	32	33
Aircraft Parts	60	62	64	68	70	74
Ammunition	31	32	32	31	31	31
Communication Equipment	117	118	117	122	123	128
Missiles	21	23	23	22	21	21
Motor Vehicles	62	43	40	35	34	30
Shipbuilding	66	74	72	72	82	81
Tanks	37	30	27	22	18	11
Other Electronic Equipment	14	14	14	15	15	15
Other Ordinances	18	17	14	14	13	12
Other	3,682	3,597	3,363	3,352	3,328	3,351
<b>Total :</b>	<b>4,136</b>	<b>4,039</b>	<b>3,795</b>	<b>3,784</b>	<b>3,767</b>	<b>3,787</b>

*Note: numbers may not add due to rounding*

**Table 19 Projected Defense Purchases of  
277 Support activities for transportation and sightseeing**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,060	2,974	2,773	2,808	2,792	2,810
Indirect Purchases	5,978	5,574	4,855	4,825	4,805	4,811
<b>Total :</b>	<b>9,039</b>	<b>8,548</b>	<b>7,627</b>	<b>7,633</b>	<b>7,597</b>	<b>7,621</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	10	10	10	11	11	11
Aircraft Parts	39	40	40	43	43	45
Ammunition	20	20	20	19	19	19
Communication Equipment	35	35	34	35	35	36
Missiles	10	11	11	10	10	10
Motor Vehicles	41	27	26	22	21	18
Shipbuilding	38	42	40	40	45	44
Tanks	13	10	9	7	6	3
Other Electronic Equipment	5	5	5	6	6	6
Other Ordinances	7	6	5	5	4	4
Other	5,760	5,366	4,653	4,627	4,605	4,614
<b>Total :</b>	<b>5,978</b>	<b>5,574</b>	<b>4,855</b>	<b>4,825</b>	<b>4,805</b>	<b>4,811</b>

*Note: numbers may not add due to rounding*

**Table 18 Projected Defense Purchases of  
318 Management of companies and enterprises**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	2	2	2	2
Indirect Purchases	9,097	8,684	8,052	7,932	7,840	7,764
<b>Total :</b>	<b>9,099</b>	<b>8,687</b>	<b>8,055</b>	<b>7,934</b>	<b>7,842</b>	<b>7,766</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	220	217	215	225	223	228
Aircraft Parts	620	631	634	667	670	696
Ammunition	131	131	127	120	120	120
Communication Equipment	1,017	997	966	992	985	1,007
Missiles	148	164	157	146	138	139
Motor Vehicles	388	259	241	204	195	168
Shipbuilding	443	485	459	456	511	497
Tanks	347	272	238	194	152	92
Other Electronic Equipment	93	94	92	93	94	94
Other Ordinances	95	89	76	73	67	63
Other	5,595	5,347	4,847	4,761	4,684	4,662
<b>Total :</b>	<b>9,097</b>	<b>8,685</b>	<b>8,052</b>	<b>7,932</b>	<b>7,840</b>	<b>7,764</b>

*Note: numbers may not add due to rounding*

**Table 20 Projected Defense Purchases of  
270 Retail trade**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,586	6,404	5,897	5,789	5,793	5,945
Indirect Purchases	1,828	1,801	1,690	1,648	1,571	1,514
<b>Total :</b>	<b>8,414</b>	<b>8,205</b>	<b>7,587</b>	<b>7,437</b>	<b>7,364</b>	<b>7,459</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	6	6	6	7	7	7
Aircraft Parts	16	16	16	17	17	18
Ammunition	11	11	10	10	10	10
Communication Equipment	29	29	28	29	28	29
Missiles	4	5	4	4	4	4
Motor Vehicles	20	13	13	11	10	9
Shipbuilding	19	21	20	20	22	22
Tanks	8	6	6	5	4	2
Other Electronic Equipment	3	3	3	3	3	3
Other Ordinances	3	3	3	3	2	2
Other	1,708	1,687	1,581	1,541	1,464	1,410
<b>Total :</b>	<b>1,828</b>	<b>1,801</b>	<b>1,690</b>	<b>1,648</b>	<b>1,571</b>	<b>1,514</b>

*Note: numbers may not add due to rounding*

**Table 21 Projected Defense Purchases of  
16 Crude oil and natural gas extraction**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	76	90	62	56	57	53
Indirect Purchases	8,553	8,081	7,014	6,814	6,679	6,535
<b>Total :</b>	<b>8,630</b>	<b>8,171</b>	<b>7,076</b>	<b>6,869</b>	<b>6,736</b>	<b>6,588</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	36	35	35	36	35	36
Aircraft Parts	185	186	185	193	192	198
Ammunition	66	65	63	59	58	57
Communication Equipment	116	113	109	111	109	111
Missiles	61	67	63	58	55	54
Motor Vehicles	166	110	101	85	80	68
Shipbuilding	128	138	129	127	142	136
Tanks	51	39	34	28	21	13
Other Electronic Equipment	18	18	18	18	18	18
Other Ordinances	34	31	26	26	23	22
Other	7,693	7,279	6,252	6,073	5,945	5,822
<b>Total :</b>	<b>8,553</b>	<b>8,082</b>	<b>7,014</b>	<b>6,813</b>	<b>6,679</b>	<b>6,535</b>

*Note: numbers may not add due to rounding*

**Table 22 Projected Defense Purchases of  
244 Guided missiles and space vehicles**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,476	7,186	6,926	6,537	6,243	6,285
Indirect Purchases	751	769	740	702	670	660
<b>Total :</b>	<b>7,227</b>	<b>7,955</b>	<b>7,666</b>	<b>7,240</b>	<b>6,913</b>	<b>6,945</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	3	3	3	3	3	3
Ammunition	0	0	0	0	0	0
Communication Equipment	4	4	4	4	4	4
Missiles	259	286	274	255	241	242
Motor Vehicles	1	1	1	1	1	1
Shipbuilding	2	2	2	2	2	2
Tanks	1	1	1	1	1	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	479	471	455	435	417	406
<b>Total :</b>	<b>751</b>	<b>769</b>	<b>740</b>	<b>702</b>	<b>670</b>	<b>660</b>

*Note: numbers may not add due to rounding*

**Table 23 Projected Defense Purchases of  
295 Insurance**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,287	2,342	2,215	2,220	2,244	2,264
Indirect Purchases	5,187	4,977	4,502	4,440	4,390	4,366
<b>Total :</b>	<b>7,474</b>	<b>7,320</b>	<b>6,717</b>	<b>6,659</b>	<b>6,634</b>	<b>6,629</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	15	15	15	15	15	16
Aircraft Parts	49	50	50	53	53	55
Ammunition	32	32	31	29	29	29
Communication Equipment	87	86	83	86	85	87
Missiles	13	14	13	12	12	12
Motor Vehicles	52	35	32	27	26	23
Shipbuilding	55	60	57	56	63	61
Tanks	26	20	18	15	11	7
Other Electronic Equipment	9	9	9	9	9	9
Other Ordinances	14	13	11	10	9	9
Other	4,838	4,646	4,184	4,128	4,078	4,060
<b>Total :</b>	<b>5,189</b>	<b>4,979</b>	<b>4,503</b>	<b>4,441</b>	<b>4,391</b>	<b>4,367</b>

*Note: numbers may not add due to rounding*

**Table 24 Projected Defense Purchases of  
273 Water transportation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7,489	6,742	5,516	5,402	5,322	5,293
Indirect Purchases	167	150	136	133	129	126
<b>Total :</b>	<b>7,656</b>	<b>6,892</b>	<b>5,652</b>	<b>5,534</b>	<b>5,451</b>	<b>5,419</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	1	1	1	1	1	1
Aircraft Parts	4	5	5	5	5	5
Ammunition	2	2	2	2	2	2
Communication Equipment	4	3	3	3	3	3
Missiles	1	1	1	1	1	1
Motor Vehicles	7	5	4	4	4	3
Shipbuilding	6	6	6	6	6	6
Tanks	4	3	2	2	2	1
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	1	1	1	1	1	1
Other	137	122	110	107	104	102
<b>Total :</b>	<b>167</b>	<b>150</b>	<b>136</b>	<b>133</b>	<b>129</b>	<b>126</b>

*Note: numbers may not add due to rounding*

**Table 25 Projected Defense Purchases of  
242 Aircraft engines and engine parts**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,756	4,684	4,629	4,837	4,792	4,888
Indirect Purchases	1,973	1,944	1,904	1,906	1,852	1,847
<b>Total :</b>	<b>6,729</b>	<b>6,629</b>	<b>6,533</b>	<b>6,742</b>	<b>6,644</b>	<b>6,735</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	847	831	822	862	856	876
Aircraft Parts	5	5	6	6	6	6
Ammunition	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1
Missiles	0	0	0	0	0	0
Motor Vehicles	1	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1
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	1,117	1,105	1,073	1,035	987	963
<b>Total :</b>	<b>1,973</b>	<b>1,944</b>	<b>1,904</b>	<b>1,906</b>	<b>1,852</b>	<b>1,847</b>

*Note: numbers may not add due to rounding*

**Table 26 Projected Defense Purchases of  
36 Maintenance and repair of nonresidential buildings**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,081	4,493	4,555	4,349	3,833	3,433
Indirect Purchases	2,121	2,007	1,834	1,790	1,753	1,732
<b>Total :</b>	<b>6,202</b>	<b>6,500</b>	<b>6,389</b>	<b>6,139</b>	<b>5,586</b>	<b>5,165</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	28	27	27	28	28	28
Aircraft Parts	64	64	64	67	67	69
Ammunition	15	15	14	13	13	13
Communication Equipment	90	88	85	86	85	87
Missiles	20	21	20	19	18	18
Motor Vehicles	38	25	23	20	19	16
Shipbuilding	58	63	59	58	65	63
Tanks	36	28	24	20	15	9
Other Electronic Equipment	10	10	9	9	9	9
Other Ordinances	8	7	6	6	5	5
Other	1,754	1,658	1,501	1,463	1,428	1,415
<b>Total :</b>	<b>2,121</b>	<b>2,007</b>	<b>1,834</b>	<b>1,790</b>	<b>1,753</b>	<b>1,732</b>

*Note: numbers may not add due to rounding*

**Table 27 Projected Defense Purchases of  
314 Advertising and related services**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	876	731	532	520	507	497
Indirect Purchases	6,039	5,718	5,189	5,109	5,048	5,036
<b>Total :</b>	<b>6,914</b>	<b>6,449</b>	<b>5,722</b>	<b>5,630</b>	<b>5,555</b>	<b>5,533</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	48	47	47	49	48	49
Aircraft Parts	112	114	114	119	120	124
Ammunition	102	102	99	93	93	92
Communication Equipment	255	249	240	246	243	248
Missiles	32	35	33	31	29	29
Motor Vehicles	102	68	63	53	51	43
Shipbuilding	103	112	106	105	117	114
Tanks	69	54	47	38	30	18
Other Electronic Equipment	28	29	28	28	29	28
Other Ordinances	43	39	32	31	28	26
Other	5,144	4,870	4,380	4,316	4,261	4,264
<b>Total :</b>	<b>6,039</b>	<b>5,718</b>	<b>5,189</b>	<b>5,109</b>	<b>5,048</b>	<b>5,036</b>

*Note: numbers may not add due to rounding*

**Table 28 Projected Defense Purchases of  
292 Banks, savings institutions, and credit unions**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	6,711	6,433	5,933	5,845	5,757	5,713
<b>Total :</b>	<b>6,711</b>	<b>6,433</b>	<b>5,933</b>	<b>5,846</b>	<b>5,758</b>	<b>5,713</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	85	84	83	88	87	89
Aircraft Parts	167	171	172	181	182	189
Ammunition	75	75	74	70	70	70
Communication Equipment	351	345	335	344	342	350
Missiles	60	67	64	60	56	57
Motor Vehicles	170	114	106	90	86	75
Shipbuilding	183	200	190	189	212	206
Tanks	97	77	67	55	43	26
Other Electronic Equipment	38	38	38	38	39	39
Other Ordinances	48	44	38	36	33	31
Other	5,436	5,218	4,766	4,695	4,607	4,582
<b>Total :</b>	<b>6,711</b>	<b>6,433</b>	<b>5,933</b>	<b>5,845</b>	<b>5,757</b>	<b>5,713</b>

*Note: numbers may not add due to rounding*

**Table 29 Projected Defense Purchases of  
341 Food services & drinking places**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,569	3,335	2,885	2,862	2,853	2,850
Indirect Purchases	3,171	3,018	2,755	2,719	2,689	2,677
<b>Total :</b>	<b>6,741</b>	<b>6,353</b>	<b>5,640</b>	<b>5,581</b>	<b>5,542</b>	<b>5,527</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	28	27	27	28	28	29
Aircraft Parts	51	52	52	55	55	58
Ammunition	27	27	26	25	25	25
Communication Equipment	113	111	108	111	110	113
Missiles	18	20	19	18	17	17
Motor Vehicles	58	39	36	30	29	25
Shipbuilding	60	65	62	62	69	67
Tanks	24	19	17	14	11	6
Other Electronic Equipment	11	11	11	11	11	11
Other Ordinances	16	15	12	12	11	10
Other	2,766	2,632	2,385	2,354	2,322	2,316
<b>Total :</b>	<b>3,171</b>	<b>3,018</b>	<b>2,755</b>	<b>2,719</b>	<b>2,689</b>	<b>2,677</b>

*Note: numbers may not add due to rounding*

**Table 30 Projected Defense Purchases of  
209 All other electronic components**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,523	1,527	1,505	1,525	1,542	1,530
Indirect Purchases	4,922	4,765	4,523	4,539	4,500	4,504
<b>Total :</b>	<b>6,445</b>	<b>6,292</b>	<b>6,028</b>	<b>6,063</b>	<b>6,042</b>	<b>6,034</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	35	35	35	37	37	38
Aircraft Parts	116	119	121	128	130	137
Ammunition	34	35	34	33	33	33
Communication Equipment	1,567	1,548	1,509	1,559	1,555	1,601
Missiles	15	17	16	15	15	15
Motor Vehicles	86	58	55	47	45	39
Shipbuilding	80	89	85	85	96	95
Tanks	347	275	243	200	158	97
Other Electronic Equipment	209	209	206	209	211	210
Other Ordinances	18	17	14	14	13	12
Other	2,416	2,364	2,206	2,211	2,206	2,227
<b>Total :</b>	<b>4,922</b>	<b>4,765</b>	<b>4,523</b>	<b>4,539</b>	<b>4,500</b>	<b>4,504</b>

*Note: numbers may not add due to rounding*

**Table 31 Projected Defense Purchases of  
340 Hotels and other accommodation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,969	4,729	4,190	4,161	4,169	4,182
Indirect Purchases	1,441	1,372	1,259	1,243	1,226	1,222
<b>Total :</b>	<b>6,410</b>	<b>6,101</b>	<b>5,448</b>	<b>5,403</b>	<b>5,396</b>	<b>5,405</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	15	15	15	16	16	16
Aircraft Parts	27	28	28	29	30	31
Ammunition	16	16	16	15	15	15
Communication Equipment	62	61	59	60	60	61
Missiles	10	11	11	10	10	10
Motor Vehicles	29	19	18	15	15	13
Shipbuilding	32	35	34	33	37	36
Tanks	18	14	12	10	8	5
Other Electronic Equipment	7	7	7	7	7	7
Other Ordinances	10	9	8	7	7	6
Other	1,214	1,156	1,052	1,039	1,023	1,022
<b>Total :</b>	<b>1,441</b>	<b>1,372</b>	<b>1,259</b>	<b>1,243</b>	<b>1,226</b>	<b>1,222</b>

*Note: numbers may not add due to rounding*

**Table 32 Projected Defense Purchases of  
86 Printing**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,024	3,993	3,782	3,703	3,708	3,702
Indirect Purchases	1,988	1,834	1,628	1,559	1,502	1,464
<b>Total :</b>	<b>6,013</b>	<b>5,827</b>	<b>5,410</b>	<b>5,263</b>	<b>5,209</b>	<b>5,165</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	11	10	10	10	10	10
Aircraft Parts	25	25	24	25	24	25
Ammunition	16	15	14	13	13	13
Communication Equipment	54	51	48	48	47	47
Missiles	7	8	7	7	6	6
Motor Vehicles	24	15	14	11	11	9
Shipbuilding	27	29	27	26	29	27
Tanks	15	12	10	8	6	4
Other Electronic Equipment	5	5	5	5	5	5
Other Ordinances	7	7	5	5	4	4
Other	1,797	1,657	1,463	1,401	1,348	1,315
<b>Total :</b>	<b>1,988</b>	<b>1,834</b>	<b>1,628</b>	<b>1,559</b>	<b>1,502</b>	<b>1,464</b>

*Note: numbers may not add due to rounding*

**Table 33 Projected Defense Purchases of  
134 Primary ferrous metal products**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	143	133	105	101	93	87
Indirect Purchases	5,811	5,330	4,916	4,698	4,632	4,398
<b>Total :</b>	<b>5,954</b>	<b>5,464</b>	<b>5,021</b>	<b>4,799</b>	<b>4,725</b>	<b>4,484</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	153	149	146	151	149	151
Aircraft Parts	199	200	199	206	205	210
Ammunition	131	129	124	116	114	113
Communication Equipment	318	308	294	298	292	297
Missiles	61	67	63	58	54	54
Motor Vehicles	948	626	579	485	459	392
Shipbuilding	966	1,047	983	967	1,078	1,040
Tanks	399	309	267	216	168	101
Other Electronic Equipment	40	40	39	40	40	39
Other Ordinances	167	151	123	118	104	96
Other	2,429	2,304	2,097	2,041	1,969	1,906
<b>Total :</b>	<b>5,810</b>	<b>5,330</b>	<b>4,915</b>	<b>4,697</b>	<b>4,632</b>	<b>4,397</b>

*Note: numbers may not add due to rounding*

**Table 34 Projected Defense Purchases of  
205 Broadcast and wireless communications equipment**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,776	3,705	3,534	3,586	3,422	3,472
Indirect Purchases	1,759	1,720	1,625	1,630	1,614	1,632
<b>Total :</b>	<b>5,535</b>	<b>5,425</b>	<b>5,158</b>	<b>5,216</b>	<b>5,036</b>	<b>5,104</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	20	20	20	21	20	21
Aircraft Parts	4	5	5	5	5	5
Ammunition	162	162	158	149	150	149
Communication Equipment	1,046	1,009	936	961	954	980
Missiles	16	18	17	16	15	15
Motor Vehicles	2	1	1	1	1	1
Shipbuilding	51	56	53	52	59	57
Tanks	4	4	3	3	2	1
Other Electronic Equipment	40	40	40	40	41	40
Other Ordinances	1	1	1	1	1	1
Other	413	407	392	381	366	361
<b>Total :</b>	<b>1,759</b>	<b>1,720</b>	<b>1,625</b>	<b>1,630</b>	<b>1,614</b>	<b>1,632</b>

*Note: numbers may not add due to rounding*

**Table 35 Projected Defense Purchases of  
279 Warehousing and storage**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,647	3,306	2,754	2,694	2,655	2,649
Indirect Purchases	1,907	1,816	1,680	1,660	1,647	1,633
<b>Total :</b>	<b>5,554</b>	<b>5,122</b>	<b>4,434</b>	<b>4,354</b>	<b>4,302</b>	<b>4,282</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	56	55	55	58	58	59
Aircraft Parts	147	151	153	161	163	169
Ammunition	22	22	21	20	20	20
Communication Equipment	163	161	157	162	161	165
Missiles	36	40	38	36	34	34
Motor Vehicles	89	60	56	48	45	39
Shipbuilding	103	113	108	107	121	118
Tanks	74	58	51	42	33	20
Other Electronic Equipment	18	18	18	18	18	18
Other Ordinances	11	10	9	8	8	7
Other	1,189	1,128	1,015	1,000	986	983
<b>Total :</b>	<b>1,907</b>	<b>1,816</b>	<b>1,680</b>	<b>1,660</b>	<b>1,647</b>	<b>1,633</b>

*Note: numbers may not add due to rounding*

**Table 36 Projected Defense Purchases of  
320 Facilities support services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5,172	4,598	3,778	3,710	3,617	3,550
Indirect Purchases	128	120	112	110	108	108
<b>Total :</b>	<b>5,300</b>	<b>4,718</b>	<b>3,890</b>	<b>3,821</b>	<b>3,726</b>	<b>3,658</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	0	0	0	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	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1
Tanks	1	1	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0
Other	119	112	104	102	100	100
<b>Total :</b>	<b>128</b>	<b>120</b>	<b>112</b>	<b>110</b>	<b>108</b>	<b>108</b>

*Note: numbers may not add due to rounding*

**Table 37 Projected Defense Purchases of  
163 Ammunition**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,600	4,600	4,499	4,258	4,263	4,260
Indirect Purchases	90	85	82	78	78	77
<b>Total :</b>	<b>4,690</b>	<b>4,685</b>	<b>4,581</b>	<b>4,336</b>	<b>4,340</b>	<b>4,337</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0
Ammunition	90	85	82	78	78	77
Communication Equipment	0	0	0	0	0	0
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	0	0	0	0	0	0
<b>Total :</b>	<b>90</b>	<b>85</b>	<b>82</b>	<b>78</b>	<b>78</b>	<b>77</b>

*Note: numbers may not add due to rounding*

**Table 38 Projected Defense Purchases of  
250 Military armored vehicles and tank parts**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,165	4,671	4,010	3,362	2,895	2,211
<b>Total :</b>	<b>6,165</b>	<b>4,671</b>	<b>4,010</b>	<b>3,362</b>	<b>2,895</b>	<b>2,211</b>

*Note: numbers may not add due to rounding*

**Table 39 Projected Defense Purchases of  
304 Legal services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	68	65	57	55	53	52
Indirect Purchases	4,748	4,567	4,228	4,179	4,131	4,124
<b>Total :</b>	<b>4,816</b>	<b>4,632</b>	<b>4,285</b>	<b>4,234</b>	<b>4,184</b>	<b>4,176</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	33	33	33	35	35	36
Aircraft Parts	74	76	77	81	82	86
Ammunition	56	56	55	53	53	53
Communication Equipment	275	271	264	273	273	281
Missiles	30	33	32	30	29	29
Motor Vehicles	71	47	45	38	36	32
Shipbuilding	81	90	86	85	97	94
Tanks	45	35	31	26	20	12
Other Electronic Equipment	31	32	31	32	32	33
Other Ordinances	47	43	37	36	32	31
Other	4,006	3,850	3,537	3,491	3,442	3,439
<b>Total :</b>	<b>4,748</b>	<b>4,567</b>	<b>4,228</b>	<b>4,179</b>	<b>4,131</b>	<b>4,124</b>

*Note: numbers may not add due to rounding*

**Table 40 Projected Defense Purchases of  
321 Employment services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	265	236	195	193	190	187
Indirect Purchases	4,554	4,380	4,039	3,964	3,885	3,859
<b>Total :</b>	<b>4,819</b>	<b>4,615</b>	<b>4,234</b>	<b>4,157</b>	<b>4,074</b>	<b>4,047</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	20	19	19	20	20	21
Aircraft Parts	38	39	40	42	42	44
Ammunition	27	27	26	25	25	25
Communication Equipment	85	84	82	84	84	86
Missiles	14	15	15	14	13	13
Motor Vehicles	40	27	25	22	21	18
Shipbuilding	44	48	46	45	51	50
Tanks	26	20	18	15	12	7
Other Electronic Equipment	9	9	9	9	9	9
Other Ordinances	16	15	13	12	11	10
Other	4,235	4,075	3,747	3,676	3,597	3,576
<b>Total :</b>	<b>4,554</b>	<b>4,380</b>	<b>4,039</b>	<b>3,964</b>	<b>3,885</b>	<b>3,859</b>

*Note: numbers may not add due to rounding*

**Table 41 Projected Defense Purchases of  
240 Motor vehicle parts**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,245	1,564	1,423	1,223	1,159	993
Indirect Purchases	3,607	2,931	2,660	2,474	2,416	2,273
<b>Total :</b>	<b>5,852</b>	<b>4,494</b>	<b>4,082</b>	<b>3,697</b>	<b>3,575</b>	<b>3,266</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	17	17	17	17	17	18
Aircraft Parts	22	23	23	24	24	25
Ammunition	13	13	13	12	12	12
Communication Equipment	50	49	48	49	49	50
Missiles	5	6	6	5	5	5
Motor Vehicles	1,703	1,154	1,072	918	878	761
Shipbuilding	105	115	110	110	124	121
Tanks	13	10	9	7	6	3
Other Electronic Equipment	9	9	9	9	9	9
Other Ordinances	5	4	4	4	3	3
Other	1,665	1,530	1,351	1,318	1,289	1,266
<b>Total :</b>	<b>3,607</b>	<b>2,931</b>	<b>2,659</b>	<b>2,474</b>	<b>2,416</b>	<b>2,273</b>

*Note: numbers may not add due to rounding*

**Table 42 Projected Defense Purchases of  
334 Hospitals**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,464	4,364	4,033	3,935	3,939	4,046
<b>Total :</b>	<b>4,464</b>	<b>4,364</b>	<b>4,033</b>	<b>3,935</b>	<b>3,939</b>	<b>4,046</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Other	-22	-27	-25	-25	-25	-26
<b>Total :</b>	<b>-22</b>	<b>-27</b>	<b>-25</b>	<b>-25</b>	<b>-25</b>	<b>-26</b>

*Note: numbers may not add due to rounding*

**Table 43 Projected Defense Purchases of  
309 Computer systems design services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,832	3,632	3,253	3,187	3,136	3,130
Indirect Purchases	757	727	671	663	655	652
<b>Total :</b>	<b>4,589</b>	<b>4,359</b>	<b>3,924</b>	<b>3,851</b>	<b>3,792</b>	<b>3,782</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	5	5	5	5	5	5
Aircraft Parts	14	15	15	15	16	16
Ammunition	4	4	4	4	4	4
Communication Equipment	46	45	44	46	45	47
Missiles	10	12	11	10	10	10
Motor Vehicles	10	7	6	5	5	4
Shipbuilding	22	24	23	23	26	25
Tanks	10	8	7	6	5	3
Other Electronic Equipment	8	8	8	8	8	8
Other Ordinances	4	4	3	3	3	3
Other	623	595	544	537	529	526
<b>Total :</b>	<b>757</b>	<b>727</b>	<b>671</b>	<b>663</b>	<b>655</b>	<b>652</b>

*Note: numbers may not add due to rounding*

**Table 44 Projected Defense Purchases of  
325 Services to buildings and dwellings**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,816	1,721	1,500	1,482	1,466	1,462
Indirect Purchases	2,497	2,395	2,205	2,163	2,119	2,104
<b>Total :</b>	<b>4,313</b>	<b>4,116</b>	<b>3,705</b>	<b>3,645</b>	<b>3,585</b>	<b>3,567</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	12	11	11	12	12	12
Aircraft Parts	25	25	26	27	27	28
Ammunition	16	16	16	15	15	15
Communication Equipment	51	51	49	51	51	52
Missiles	8	9	9	8	8	8
Motor Vehicles	24	16	15	13	12	11
Shipbuilding	27	29	28	28	31	30
Tanks	17	13	12	10	8	5
Other Electronic Equipment	6	6	6	6	6	6
Other Ordinances	9	8	7	6	6	5
Other	2,303	2,210	2,027	1,988	1,945	1,933
<b>Total :</b>	<b>2,497</b>	<b>2,395</b>	<b>2,205</b>	<b>2,163</b>	<b>2,119</b>	<b>2,104</b>

*Note: numbers may not add due to rounding*

**Table 45 Projected Defense Purchases of  
299 Automotive equipment rental and leasing**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,164	2,066	1,837	1,825	1,829	1,835
Indirect Purchases	2,052	1,946	1,772	1,737	1,704	1,687
<b>Total :</b>	<b>4,217</b>	<b>4,012</b>	<b>3,609</b>	<b>3,561</b>	<b>3,533</b>	<b>3,521</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	24	23	23	24	24	24
Aircraft Parts	44	45	45	47	47	49
Ammunition	19	19	18	17	17	17
Communication Equipment	77	76	73	75	74	76
Missiles	13	14	14	13	12	12
Motor Vehicles	35	24	22	18	18	15
Shipbuilding	46	51	48	47	53	51
Tanks	24	19	17	14	11	6
Other Electronic Equipment	9	9	9	9	9	9
Other Ordinances	9	8	7	7	6	6
Other	1,751	1,658	1,497	1,465	1,433	1,421
<b>Total :</b>	<b>2,052</b>	<b>1,946</b>	<b>1,772</b>	<b>1,737</b>	<b>1,704</b>	<b>1,687</b>

*Note: numbers may not add due to rounding*

**Table 46 Projected Defense Purchases of  
208 Semiconductors and electron tubes**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	257	265	257	254	255	256
Indirect Purchases	3,756	3,657	3,498	3,524	3,514	3,537
<b>Total :</b>	<b>4,013</b>	<b>3,923</b>	<b>3,755</b>	<b>3,779</b>	<b>3,769</b>	<b>3,793</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	27	27	27	29	29	30
Aircraft Parts	83	86	88	93	95	100
Ammunition	30	30	30	29	29	29
Communication Equipment	1,302	1,294	1,268	1,317	1,319	1,362
Missiles	93	104	100	95	91	92
Motor Vehicles	118	81	76	66	63	55
Shipbuilding	64	71	69	69	78	77
Tanks	237	189	168	139	110	68
Other Electronic Equipment	194	196	192	196	201	203
Other Ordinances	14	13	11	11	10	10
Other	1,594	1,566	1,469	1,481	1,488	1,511
<b>Total :</b>	<b>3,756</b>	<b>3,657</b>	<b>3,498</b>	<b>3,524</b>	<b>3,514</b>	<b>3,537</b>

*Note: numbers may not add due to rounding*

**Table 47 Projected Defense Purchases of  
332 Offices of physicians, dentists, and other health practitioners**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,117	3,869	3,415	3,329	3,319	3,388
<b>Total :</b>	<b>4,117</b>	<b>3,869</b>	<b>3,415</b>	<b>3,329</b>	<b>3,319</b>	<b>3,388</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Other	-21	-24	-22	-21	-21	-22
<b>Total :</b>	<b>-21</b>	<b>-24</b>	<b>-22</b>	<b>-21</b>	<b>-21</b>	<b>-22</b>

*Note: numbers may not add due to rounding*

**Table 48 Projected Defense Purchases of  
327 Waste management and remediation services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,000	2,500	1,843	1,809	1,760	1,719
Indirect Purchases	1,496	1,366	1,179	1,153	1,130	1,108
<b>Total :</b>	<b>4,496</b>	<b>3,866</b>	<b>3,023</b>	<b>2,961</b>	<b>2,890</b>	<b>2,827</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	11	11	11	11	11	11
Aircraft Parts	36	36	36	38	38	39
Ammunition	11	11	11	10	10	10
Communication Equipment	39	38	37	37	37	38
Missiles	8	9	8	8	7	7
Motor Vehicles	26	17	16	13	13	11
Shipbuilding	69	75	71	70	78	75
Tanks	23	18	16	13	10	6
Other Electronic Equipment	6	6	5	5	6	5
Other Ordinances	8	8	6	6	5	5
Other	1,259	1,137	963	941	916	901
<b>Total :</b>	<b>1,496</b>	<b>1,366</b>	<b>1,179</b>	<b>1,153</b>	<b>1,130</b>	<b>1,108</b>

*Note: numbers may not add due to rounding*

**Table 49 Projected Defense Purchases of  
156 Machine shops, screws, nuts, bolts, turned products**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	167	166	145	145	142	144
Indirect Purchases	3,826	3,502	3,199	3,021	2,900	2,694
<b>Total :</b>	<b>3,993</b>	<b>3,668</b>	<b>3,344</b>	<b>3,166</b>	<b>3,042</b>	<b>2,838</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	39	38	37	39	38	39
Aircraft Parts	219	221	220	230	229	236
Ammunition	78	77	75	70	69	69
Communication Equipment	187	182	175	178	175	178
Missiles	156	171	163	150	141	141
Motor Vehicles	202	136	125	106	100	85
Shipbuilding	431	468	441	434	484	467
Tanks	1,010	786	682	554	430	260
Other Electronic Equipment	21	21	21	21	21	21
Other Ordinances	61	56	46	44	39	36
Other	1,422	1,346	1,215	1,195	1,172	1,163
<b>Total :</b>	<b>3,826</b>	<b>3,502</b>	<b>3,199</b>	<b>3,021</b>	<b>2,900</b>	<b>2,694</b>

*Note: numbers may not add due to rounding*

**Table 50 Projected Defense Purchases of  
352 Postal service**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,225	2,119	1,870	1,844	1,835	1,837
Indirect Purchases	1,570	1,473	1,331	1,286	1,244	1,221
<b>Total :</b>	<b>3,795</b>	<b>3,592</b>	<b>3,200</b>	<b>3,130</b>	<b>3,079</b>	<b>3,058</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	8	8	7	8	7	7
Aircraft Parts	19	19	18	19	19	19
Ammunition	7	7	7	6	6	6
Communication Equipment	56	54	51	52	50	51
Missiles	5	5	5	4	4	4
Motor Vehicles	20	13	12	10	9	8
Shipbuilding	17	19	17	17	19	18
Tanks	8	7	6	5	3	2
Other Electronic Equipment	4	4	3	3	3	3
Other Ordinances	4	4	3	3	3	2
Other	1,423	1,336	1,201	1,159	1,119	1,100
<b>Total :</b>	<b>1,570</b>	<b>1,473</b>	<b>1,331</b>	<b>1,286</b>	<b>1,244</b>	<b>1,221</b>

*Note: numbers may not add due to rounding*

**Table 51 Projected Defense Purchases of  
308 Custom computer programming**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,138	2,938	2,573	2,510	2,471	2,470
Indirect Purchases	619	600	567	557	544	540
<b>Total :</b>	<b>3,757</b>	<b>3,539</b>	<b>3,140</b>	<b>3,066</b>	<b>3,015</b>	<b>3,010</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	16	16	16	17	17	17
Aircraft Parts	21	22	22	23	23	24
Ammunition	183	183	179	170	170	170
Communication Equipment	116	114	111	114	114	117
Missiles	2	2	2	2	1	1
Motor Vehicles	2	2	2	1	1	1
Shipbuilding	3	3	3	3	3	3
Tanks	5	4	3	3	2	1
Other Electronic Equipment	4	4	4	4	4	4
Other Ordinances	111	103	87	84	76	72
Other	155	148	139	136	132	131
<b>Total :</b>	<b>619</b>	<b>600</b>	<b>567</b>	<b>557</b>	<b>544</b>	<b>540</b>

*Note: numbers may not add due to rounding*

**Table 52 Projected Defense Purchases of  
293 Credit cards and finance companies**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	19	18	15	15	15	15
Indirect Purchases	3,406	3,293	3,060	3,038	3,017	3,016
<b>Total :</b>	<b>3,424</b>	<b>3,311</b>	<b>3,076</b>	<b>3,053</b>	<b>3,032</b>	<b>3,031</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	43	43	43	46	46	47
Aircraft Parts	81	83	84	90	91	95
Ammunition	38	39	38	36	37	37
Communication Equipment	174	172	169	175	175	181
Missiles	29	32	31	29	28	28
Motor Vehicles	88	59	56	48	46	40
Shipbuilding	90	99	95	95	108	105
Tanks	49	39	35	29	23	14
Other Electronic Equipment	19	19	19	19	20	20
Other Ordinances	23	22	19	18	17	16
Other	2,772	2,685	2,472	2,452	2,428	2,433
<b>Total :</b>	<b>3,406</b>	<b>3,294</b>	<b>3,060</b>	<b>3,038</b>	<b>3,017</b>	<b>3,016</b>

*Note: numbers may not add due to rounding*

**Table 53 Projected Defense Purchases of  
333 Other ambulatory health care services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,287	2,933	2,409	2,344	2,321	2,350
Indirect Purchases	370	331	277	270	267	270
<b>Total :</b>	<b>3,658</b>	<b>3,264</b>	<b>2,686</b>	<b>2,614</b>	<b>2,588</b>	<b>2,620</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
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	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	368	329	275	268	265	268
<b>Total :</b>	<b>370</b>	<b>331</b>	<b>277</b>	<b>270</b>	<b>267</b>	<b>270</b>

*Note: numbers may not add due to rounding*

**Table 54 Projected Defense Purchases of  
319 Office administrative services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	891	799	664	652	643	643
Indirect Purchases	2,389	2,304	2,130	2,093	2,051	2,037
<b>Total :</b>	<b>3,280</b>	<b>3,103</b>	<b>2,794</b>	<b>2,745</b>	<b>2,694</b>	<b>2,680</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	9	9	9	10	10	10
Aircraft Parts	19	19	19	20	21	21
Ammunition	13	13	13	12	12	12
Communication Equipment	44	44	43	44	44	45
Missiles	7	7	7	7	6	6
Motor Vehicles	20	14	13	11	10	9
Shipbuilding	21	23	22	22	25	24
Tanks	13	10	9	8	6	4
Other Electronic Equipment	5	5	5	5	5	5
Other Ordinances	8	7	6	6	5	5
Other	2,230	2,152	1,984	1,949	1,907	1,895
<b>Total :</b>	<b>2,389</b>	<b>2,304</b>	<b>2,130</b>	<b>2,093</b>	<b>2,051</b>	<b>2,037</b>

*Note: numbers may not add due to rounding*

**Table 55 Projected Defense Purchases of  
206 Other communications equipment**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,054	2,948	2,777	2,809	2,744	2,809
Indirect Purchases	135	131	124	121	114	109
<b>Total :</b>	<b>3,188</b>	<b>3,079</b>	<b>2,902</b>	<b>2,931</b>	<b>2,858</b>	<b>2,918</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	1	1	1	1	1	1
Ammunition	0	0	0	0	0	0
Communication Equipment	25	21	19	19	18	19
Missiles	0	0	0	0	0	0
Motor Vehicles	1	1	1	1	1	0
Shipbuilding	1	1	1	1	1	1
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	106	107	101	98	92	87
<b>Total :</b>	<b>135</b>	<b>131</b>	<b>124</b>	<b>121</b>	<b>114</b>	<b>109</b>

*Note: numbers may not add due to rounding*

**Table 56 Projected Defense Purchases of  
312 Environmental and other technical consulting services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,803	1,653	1,462	1,461	1,447	1,444
Indirect Purchases	1,333	1,335	1,285	1,287	1,273	1,283
<b>Total :</b>	<b>3,136</b>	<b>2,988</b>	<b>2,748</b>	<b>2,748</b>	<b>2,721</b>	<b>2,727</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	3	3	3	4	4	4
Aircraft Parts	10	10	10	11	11	12
Ammunition	4	4	4	4	4	4
Communication Equipment	18	19	18	19	20	20
Missiles	3	4	4	4	4	4
Motor Vehicles	8	5	5	4	4	4
Shipbuilding	9	10	10	10	12	11
Tanks	4	4	3	3	2	1
Other Electronic Equipment	2	2	2	2	2	2
Other Ordinances	2	2	1	1	1	1
Other	1,269	1,273	1,224	1,225	1,210	1,220
<b>Total :</b>	<b>1,333</b>	<b>1,335</b>	<b>1,285</b>	<b>1,287</b>	<b>1,273</b>	<b>1,283</b>

*Note: numbers may not add due to rounding*

**Table 57 Projected Defense Purchases of  
326 Other support services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,688	1,544	1,337	1,373	1,457	1,494
Indirect Purchases	1,516	1,434	1,306	1,279	1,254	1,244
<b>Total :</b>	<b>3,204</b>	<b>2,979</b>	<b>2,644</b>	<b>2,651</b>	<b>2,711</b>	<b>2,739</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	6	6	6	6	6	6
Aircraft Parts	20	21	21	22	22	23
Ammunition	10	10	10	9	9	9
Communication Equipment	47	46	44	45	45	46
Missiles	6	7	6	6	6	6
Motor Vehicles	42	28	26	22	20	17
Shipbuilding	17	18	17	17	19	19
Tanks	16	12	11	9	7	4
Other Electronic Equipment	4	4	4	4	4	4
Other Ordinances	6	6	5	5	4	4
Other	1,342	1,277	1,157	1,134	1,112	1,107
<b>Total :</b>	<b>1,516</b>	<b>1,434</b>	<b>1,306</b>	<b>1,279</b>	<b>1,254</b>	<b>1,244</b>

*Note: numbers may not add due to rounding*

**Table 58 Projected Defense Purchases of  
294 Securities, commodity contracts, investments**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	531	227	136	128	127	136
Indirect Purchases	2,674	2,481	2,262	2,203	2,152	2,120
<b>Total :</b>	<b>3,205</b>	<b>2,708</b>	<b>2,398</b>	<b>2,331</b>	<b>2,278</b>	<b>2,256</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	38	37	36	38	37	38
Aircraft Parts	67	67	67	70	70	72
Ammunition	32	32	31	29	29	28
Communication Equipment	139	135	130	132	131	133
Missiles	26	29	27	25	24	24
Motor Vehicles	67	44	41	34	32	28
Shipbuilding	77	83	78	77	86	83
Tanks	35	28	24	19	15	9
Other Electronic Equipment	15	15	14	14	15	14
Other Ordinances	19	18	15	14	13	12
Other	2,159	1,994	1,799	1,750	1,702	1,680
<b>Total :</b>	<b>2,674</b>	<b>2,481</b>	<b>2,262</b>	<b>2,203</b>	<b>2,152</b>	<b>2,120</b>

*Note: numbers may not add due to rounding*

**Table 59 Projected Defense Purchases of  
272 Rail transportation**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,780	1,605	1,339	1,311	1,293	1,290
Indirect Purchases	1,160	1,093	998	981	973	960
<b>Total :</b>	<b>2,939</b>	<b>2,698</b>	<b>2,337</b>	<b>2,291</b>	<b>2,265</b>	<b>2,249</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	11	10	10	11	11	11
Aircraft Parts	38	40	40	42	43	45
Ammunition	24	24	23	22	22	22
Communication Equipment	26	26	25	26	25	26
Missiles	11	12	12	11	10	10
Motor Vehicles	80	53	50	43	41	35
Shipbuilding	49	54	51	51	57	56
Tanks	19	15	13	11	8	5
Other Electronic Equipment	4	4	4	5	5	5
Other Ordinances	11	10	9	9	8	7
Other	888	845	761	751	742	736
<b>Total :</b>	<b>1,160</b>	<b>1,093</b>	<b>998</b>	<b>981</b>	<b>973</b>	<b>960</b>

*Note: numbers may not add due to rounding*

**Table 60 Projected Defense Purchases of  
305 Accounting and bookkeeping**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	226	218	197	194	192	197
Indirect Purchases	2,602	2,472	2,266	2,218	2,169	2,145
<b>Total :</b>	<b>2,827</b>	<b>2,690</b>	<b>2,463</b>	<b>2,411</b>	<b>2,361</b>	<b>2,342</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	23	22	22	23	23	23
Aircraft Parts	55	56	56	59	59	61
Ammunition	15	15	15	14	14	14
Communication Equipment	116	113	108	110	109	111
Missiles	18	20	19	18	17	17
Motor Vehicles	46	31	28	24	23	20
Shipbuilding	52	57	54	53	59	57
Tanks	34	27	23	19	15	9
Other Electronic Equipment	11	11	11	11	11	11
Other Ordinances	12	11	9	9	8	7
Other	2,220	2,110	1,921	1,879	1,833	1,816
<b>Total :</b>	<b>2,602</b>	<b>2,472</b>	<b>2,266</b>	<b>2,218</b>	<b>2,169</b>	<b>2,145</b>

*Note: numbers may not add due to rounding*

**Table 61 Projected Defense Purchases of  
307 Specialized design services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,593	1,963	2,290	2,411	2,308	2,109
Indirect Purchases	745	719	676	668	657	654
<b>Total :</b>	<b>2,338</b>	<b>2,682</b>	<b>2,966</b>	<b>3,078</b>	<b>2,966</b>	<b>2,762</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	3	3	3	4	4	4
Aircraft Parts	6	7	7	7	7	8
Ammunition	4	4	4	3	3	4
Communication Equipment	16	16	15	16	16	16
Missiles	2	3	3	2	2	2
Motor Vehicles	31	21	20	17	16	14
Shipbuilding	7	8	8	8	9	9
Tanks	4	3	3	2	2	1
Other Electronic Equipment	2	2	2	2	2	2
Other Ordinances	2	2	2	2	1	1
Other	667	651	611	605	595	593
<b>Total :</b>	<b>745</b>	<b>719</b>	<b>676</b>	<b>668</b>	<b>657</b>	<b>654</b>

*Note: numbers may not add due to rounding*

**Table 62 Projected Defense Purchases of  
136 Aluminum products**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32	27	20	19	19	18
Indirect Purchases	2,941	2,542	2,393	2,286	2,243	2,163
<b>Total :</b>	<b>2,973</b>	<b>2,568</b>	<b>2,413</b>	<b>2,305</b>	<b>2,262</b>	<b>2,181</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	18	18	17	18	18	18
Aircraft Parts	419	428	430	453	456	474
Ammunition	65	64	63	59	59	59
Communication Equipment	95	93	90	92	91	93
Missiles	11	12	11	11	10	10
Motor Vehicles	800	510	491	408	394	342
Shipbuilding	94	103	98	97	109	106
Tanks	251	197	173	141	111	67
Other Electronic Equipment	11	11	11	11	12	12
Other Ordinances	19	17	14	14	12	11
Other	1,158	1,087	995	981	972	971
<b>Total :</b>	<b>2,941</b>	<b>2,541</b>	<b>2,393</b>	<b>2,286</b>	<b>2,243</b>	<b>2,162</b>

*Note: numbers may not add due to rounding*

**Table 63 Projected Defense Purchases of  
343 Electronic equipment repair & maintenance**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,542	1,464	1,396	1,427	1,444	1,460
Indirect Purchases	1,105	1,028	921	890	864	843
<b>Total :</b>	<b>2,648</b>	<b>2,492</b>	<b>2,317</b>	<b>2,318</b>	<b>2,307</b>	<b>2,303</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	15	15	14	15	15	15
Aircraft Parts	32	32	32	33	33	33
Ammunition	8	7	7	7	6	6
Communication Equipment	44	43	41	41	40	41
Missiles	7	8	7	7	6	6
Motor Vehicles	30	19	18	15	14	12
Shipbuilding	36	39	36	35	39	37
Tanks	23	17	15	12	9	6
Other Electronic Equipment	7	7	7	6	6	6
Other Ordinances	6	5	4	4	4	3
Other	897	836	741	716	691	677
<b>Total :</b>	<b>1,105</b>	<b>1,028</b>	<b>921</b>	<b>890</b>	<b>864</b>	<b>843</b>

*Note: numbers may not add due to rounding*

**Table 64 Projected Defense Purchases of  
291 Data processing services**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	459	435	385	384	377	373
Indirect Purchases	2,091	2,026	1,885	1,870	1,858	1,855
<b>Total :</b>	<b>2,550</b>	<b>2,461</b>	<b>2,270</b>	<b>2,254</b>	<b>2,236</b>	<b>2,228</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	28	27	27	29	29	30
Aircraft Parts	69	71	72	76	77	80
Ammunition	19	19	19	18	18	18
Communication Equipment	131	130	127	132	132	136
Missiles	26	29	28	27	25	25
Motor Vehicles	46	31	29	25	24	21
Shipbuilding	79	87	83	83	94	92
Tanks	42	33	29	24	19	12
Other Electronic Equipment	11	11	11	12	12	12
Other Ordinances	15	14	12	12	11	10
Other	1,626	1,573	1,446	1,433	1,417	1,419
<b>Total :</b>	<b>2,091</b>	<b>2,026</b>	<b>1,885</b>	<b>1,870</b>	<b>1,858</b>	<b>1,855</b>

*Note: numbers may not add due to rounding*

**Table 65 Projected Defense Purchases of  
28 Natural gas distribution**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	943	873	752	742	736	733
Indirect Purchases	1,672	1,587	1,455	1,424	1,400	1,381
<b>Total :</b>	<b>2,615</b>	<b>2,461</b>	<b>2,207</b>	<b>2,166</b>	<b>2,136</b>	<b>2,114</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	25	24	24	25	25	26
Aircraft Parts	52	53	53	56	56	58
Ammunition	40	40	39	36	36	36
Communication Equipment	64	63	61	63	63	64
Missiles	12	14	13	12	12	12
Motor Vehicles	59	40	37	31	30	26
Shipbuilding	66	72	68	68	76	73
Tanks	32	25	22	18	14	8
Other Electronic Equipment	9	9	9	9	9	9
Other Ordinances	17	16	14	13	12	11
Other	1,296	1,232	1,115	1,092	1,068	1,057
<b>Total :</b>	<b>1,672</b>	<b>1,587</b>	<b>1,455</b>	<b>1,424</b>	<b>1,400</b>	<b>1,381</b>

*Note: numbers may not add due to rounding*

**Table 66 Projected Defense Purchases of  
303 Lessors of nonfinancial intangible assets (royalties)**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	2,522	2,445	2,263	2,249	2,247	2,242
<b>Total :</b>	<b>2,522</b>	<b>2,445</b>	<b>2,263</b>	<b>2,249</b>	<b>2,247</b>	<b>2,242</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	11	11	11	12	12	12
Aircraft Parts	29	30	30	32	33	34
Ammunition	22	22	22	21	21	21
Communication Equipment	371	364	349	357	349	358
Missiles	9	10	10	10	9	9
Motor Vehicles	79	54	51	43	42	36
Shipbuilding	182	201	192	192	216	211
Tanks	23	19	16	14	11	7
Other Electronic Equipment	17	18	17	18	18	18
Other Ordinances	14	14	12	12	11	11
Other	1,764	1,702	1,552	1,540	1,527	1,526
<b>Total :</b>	<b>2,522</b>	<b>2,445</b>	<b>2,263</b>	<b>2,249</b>	<b>2,247</b>	<b>2,242</b>

*Note: numbers may not add due to rounding*

**Table 67 Projected Defense Purchases of  
323 Travel arrangement and reservation services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	106	85	57	55	54	52
Indirect Purchases	2,467	2,325	2,080	2,065	2,052	2,047
<b>Total :</b>	<b>2,572</b>	<b>2,410</b>	<b>2,137</b>	<b>2,120</b>	<b>2,106</b>	<b>2,100</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	6	6	6	6	6	6
Aircraft Parts	8	8	8	8	8	9
Ammunition	4	4	4	3	3	3
Communication Equipment	15	15	14	15	14	15
Missiles	3	3	3	3	3	3
Motor Vehicles	9	6	5	5	4	4
Shipbuilding	8	9	8	8	9	9
Tanks	4	4	3	3	2	1
Other Electronic Equipment	2	2	2	2	2	2
Other Ordinances	2	2	2	1	1	1
Other	2,406	2,268	2,026	2,011	1,998	1,995
<b>Total :</b>	<b>2,467</b>	<b>2,325</b>	<b>2,080</b>	<b>2,065</b>	<b>2,052</b>	<b>2,047</b>

*Note: numbers may not add due to rounding*

**Table 68 Projected Defense Purchases of  
17 Reserved (for natural gas)**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	2,378	2,241	1,975	1,926	1,891	1,860
<b>Total :</b>	<b>2,378</b>	<b>2,241</b>	<b>1,975</b>	<b>1,926</b>	<b>1,891</b>	<b>1,860</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	16	16	16	17	16	17
Aircraft Parts	51	51	51	53	53	55
Ammunition	28	28	27	25	25	25
Communication Equipment	45	44	42	43	43	44
Missiles	14	16	15	14	13	13
Motor Vehicles	50	33	31	26	25	21
Shipbuilding	48	52	49	48	54	52
Tanks	21	17	15	12	9	6
Other Electronic Equipment	7	7	7	7	7	7
Other Ordinances	12	11	9	9	8	8
Other	2,086	1,967	1,713	1,672	1,638	1,613
<b>Total :</b>	<b>2,378</b>	<b>2,241</b>	<b>1,975</b>	<b>1,926</b>	<b>1,891</b>	<b>1,859</b>

*Note: numbers may not add due to rounding*

**Table 69 Projected Defense Purchases of**

**200 Electronic computers**

(Millions of 2009 dollars)

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,632	1,601	1,494	1,582	1,671	1,751
Indirect Purchases	656	637	585	592	595	605
<b>Total :</b>	<b>2,288</b>	<b>2,238</b>	<b>2,079</b>	<b>2,174</b>	<b>2,266</b>	<b>2,356</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	0	0	0	0	0	0
Aircraft Parts	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1
Communication Equipment	83	82	80	82	82	84
Missiles	1	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1
Tanks	1	1	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0
Other	566	549	499	503	507	515
<b>Total :</b>	<b>656</b>	<b>637</b>	<b>585</b>	<b>592</b>	<b>595</b>	<b>605</b>

*Note: numbers may not add due to rounding*

**Table 70 Projected Defense Purchases of  
245 Propulsion units and parts for space vehicles and guided missiles**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,032	1,104	1,121	1,154	1,152	1,141
Indirect Purchases	1,032	1,126	1,086	1,027	979	979
<b>Total :</b>	<b>2,063</b>	<b>2,230</b>	<b>2,208</b>	<b>2,181</b>	<b>2,131</b>	<b>2,120</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
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	1	1	0	1	1	1
Missiles	837	925	886	826	780	783
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	193	199	199	200	197	194
<b>Total :</b>	<b>1,032</b>	<b>1,126</b>	<b>1,086</b>	<b>1,027</b>	<b>979</b>	<b>979</b>

*Note: numbers may not add due to rounding*

**Table 71 Projected Defense Purchases of  
354 Other state and local government enterprises (except electric utilities and transit)**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	2,306	2,188	1,974	1,953	1,938	1,936
<b>Total :</b>	<b>2,306</b>	<b>2,188</b>	<b>1,974</b>	<b>1,953</b>	<b>1,938</b>	<b>1,936</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	7	7	7	8	8	8
Aircraft Parts	21	21	21	23	23	24
Ammunition	17	17	17	16	16	16
Communication Equipment	61	60	58	60	59	61
Missiles	9	10	9	9	8	8
Motor Vehicles	44	29	27	23	22	20
Shipbuilding	26	28	27	27	31	30
Tanks	20	16	14	12	9	6
Other Electronic Equipment	6	7	7	7	7	7
Other Ordinances	26	24	21	20	18	17
Other	2,070	1,969	1,766	1,749	1,736	1,738
<b>Total :</b>	<b>2,306</b>	<b>2,188</b>	<b>1,974</b>	<b>1,953</b>	<b>1,938</b>	<b>1,936</b>

*Note: numbers may not add due to rounding*

**Table 72 Projected Defense Purchases of  
151 Architectural and structural metal products**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	201	200	191	189	181	169
Indirect Purchases	1,863	1,880	1,805	1,760	1,705	1,627
<b>Total :</b>	<b>2,064</b>	<b>2,080</b>	<b>1,996</b>	<b>1,950</b>	<b>1,887</b>	<b>1,797</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	9	9	9	9	9	9
Aircraft Parts	63	64	64	67	67	69
Ammunition	6	6	6	5	5	5
Communication Equipment	155	151	145	148	145	148
Missiles	33	36	35	32	30	30
Motor Vehicles	74	50	46	39	37	32
Shipbuilding	264	288	272	269	301	292
Tanks	10	8	7	5	4	3
Other Electronic Equipment	10	10	10	10	10	10
Other Ordinances	3	3	2	2	2	2
Other	1,237	1,257	1,211	1,174	1,095	1,028
<b>Total :</b>	<b>1,863</b>	<b>1,880</b>	<b>1,805</b>	<b>1,760</b>	<b>1,705</b>	<b>1,627</b>

*Note: numbers may not add due to rounding*

**Table 73 Projected Defense Purchases of  
278 Couriers and messengers**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	21	20	16	16	16	16
Indirect Purchases	2,142	2,049	1,883	1,851	1,823	1,813
<b>Total :</b>	<b>2,163</b>	<b>2,069</b>	<b>1,899</b>	<b>1,867</b>	<b>1,839</b>	<b>1,829</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	18	18	18	19	19	19
Aircraft Parts	40	40	41	43	43	45
Ammunition	20	20	20	19	19	19
Communication Equipment	72	71	69	71	71	73
Missiles	12	14	13	12	12	12
Motor Vehicles	42	28	26	22	21	18
Shipbuilding	43	47	44	44	50	48
Tanks	25	19	17	14	11	7
Other Electronic Equipment	9	9	9	9	9	9
Other Ordinances	11	10	9	9	8	7
Other	1,850	1,772	1,617	1,589	1,561	1,556
<b>Total :</b>	<b>2,142</b>	<b>2,049</b>	<b>1,883</b>	<b>1,851</b>	<b>1,823</b>	<b>1,813</b>

*Note: numbers may not add due to rounding*

**Table 74 Projected Defense Purchases of  
322 Business support services**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	669	584	471	460	447	437
Indirect Purchases	1,545	1,460	1,325	1,293	1,265	1,251
<b>Total :</b>	<b>2,214</b>	<b>2,044</b>	<b>1,796</b>	<b>1,753</b>	<b>1,712</b>	<b>1,687</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	11	11	10	11	11	11
Aircraft Parts	24	24	24	25	25	26
Ammunition	12	12	12	11	11	11
Communication Equipment	45	44	43	44	43	44
Missiles	8	9	8	8	7	7
Motor Vehicles	25	16	15	13	12	11
Shipbuilding	25	27	26	25	28	28
Tanks	15	12	11	9	7	4
Other Electronic Equipment	5	5	5	5	5	5
Other Ordinances	7	6	5	5	5	4
Other	1,368	1,293	1,166	1,137	1,110	1,100
<b>Total :</b>	<b>1,545</b>	<b>1,460</b>	<b>1,325</b>	<b>1,293</b>	<b>1,265</b>	<b>1,251</b>

*Note: numbers may not add due to rounding*

**Table 75 Projected Defense Purchases of  
301 Machinery and equipment rental and leasing**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	240	225	185	183	182	178
Indirect Purchases	1,880	1,809	1,659	1,636	1,608	1,595
<b>Total :</b>	<b>2,120</b>	<b>2,033</b>	<b>1,843</b>	<b>1,819</b>	<b>1,790</b>	<b>1,773</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>						
Aircraft Engines	17	17	17	18	18	18
Aircraft Parts	33	34	34	36	36	38
Ammunition	13	13	13	12	12	12
Communication Equipment	55	55	53	55	54	56
Missiles	9	10	10	9	9	9
Motor Vehicles	28	19	18	15	15	13
Shipbuilding	34	37	36	35	40	39
Tanks	17	14	12	10	8	5
Other Electronic Equipment	6	7	6	7	7	7
Other Ordinances	7	6	5	5	5	4
Other	1,660	1,597	1,455	1,435	1,406	1,395
<b>Total :</b>	<b>1,880</b>	<b>1,809</b>	<b>1,659</b>	<b>1,636</b>	<b>1,608</b>	<b>1,595</b>

*Note: numbers may not add 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 2008 through 2013. 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 360 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 241, “Aircraft”; industry 242, “Aircraft engines and engine parts”; industry 243, “Other aircraft parts and equipment”; industry 244, “Guided Missiles and Space Vehicles”; and industry 245, “Propulsion units and parts for space vehicles and guided missiles.”

#### **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.

**Table 1 Alabama Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	12,380	12,019	11,330	11,137	10,935	10,814
Indirect Defense Purchases Resulting from Direct Purchases	5,390	5,104	4,706	4,583	4,479	4,395
Induced Defense Purchases Resulting from Direct Pay	2,042	2,033	2,016	2,029	2,025	2,022
Total Nondefense Expenditures	432,139	443,686	457,180	469,818	484,415	497,918
Total Output	453,387	464,230	476,514	488,844	503,123	516,418
General government industry	4,075	4,068	4,037	4,046	4,040	4,039
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	3,616	3,542	3,368	3,237	3,105	3,025
Truck transportation	741	682	577	574	575	575
Computer systems design and related services	523	494	433	427	423	426
Administrative and support services	371	331	271	268	264	262
New construction	237	257	258	253	232	213
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	1,090	1,049	972	948	925	908
Administrative and support services	513	485	438	428	417	414
Performing arts, spectator sports and museums	217	214	220	214	205	197
Nonferrous metals	233	207	192	184	179	172
Real estate	212	204	188	186	183	182

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

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**Table 2 Alaska Summary**(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	5,197	5,178	4,921	4,872	4,759	4,670
Indirect Defense Purchases Resulting from Direct Purchases	1,805	1,717	1,542	1,514	1,485	1,467
Induced Defense Purchases Resulting from Direct Pay	730	727	721	726	724	723
Total Nondefense Expenditures	162,558	167,808	174,024	179,604	185,837	191,602
Total Output	171,727	176,810	182,482	187,983	194,066	199,723
General government industry	1,937	1,938	1,930	1,940	1,945	1,948
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	832	931	959	934	843	761
Telecommunications	424	404	361	356	355	358
Administrative and support services	350	311	254	251	247	245
Air transportation	302	284	252	251	249	248
Home health care services	241	235	217	212	212	218
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Administrative and support services	483	456	410	401	391	387
Crude oil extraction	234	226	200	198	199	198
Rental and leasing of goods	237	226	204	201	197	195
Pipeline transportation	170	160	141	139	137	135
Natural gas extraction	133	126	111	108	106	104

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

**Table 3 Arizona Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	13,499	13,339	12,821	12,830	12,704	12,736
Indirect Defense Purchases Resulting from Direct Purchases	5,708	5,519	5,187	5,143	5,100	5,097
Induced Defense Purchases Resulting from Direct Pay	1,875	1,866	1,849	1,860	1,855	1,852
Total Nondefense Expenditures	399,818	409,857	422,036	433,714	448,050	461,302
Total Output	420,886	430,587	441,917	453,582	467,745	481,021
General government industry	3,465	3,470	3,455	3,460	3,457	3,452
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Aerospace products and parts	2,947	2,969	2,857	2,937	2,931	3,017
Professional, scientific and technical services	2,130	2,130	2,116	2,102	2,051	2,057
Food services and drinking places	757	768	734	744	756	760
Fabricated metal products	432	425	402	389	383	377
Insurance	304	299	273	267	266	268
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Food services and drinking places	673	695	701	707	712	714
Professional, scientific and technical services	642	631	611	615	611	618
Insurance	657	604	527	506	493	490
Real estate	533	511	484	482	482	488
Administrative and support services	322	312	294	292	294	295

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

**Table 4 Arkansas Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	2,812	2,736	2,575	2,557	2,541	2,531
Indirect Defense Purchases Resulting from Direct Purchases	1,948	1,832	1,675	1,636	1,611	1,585
Induced Defense Purchases Resulting from Direct Pay	903	898	889	893	890	888
Total Nondefense Expenditures	193,128	197,672	202,923	207,971	214,093	219,681
Total Output	198,796	203,142	208,067	213,063	219,138	224,688
General government industry	1,367	1,369	1,363	1,365	1,364	1,362
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Air transportation	321	299	264	262	260	259
Fabricated metal products	195	191	182	176	174	171
Wholesale trade	167	165	147	143	144	147
Waste management and remediation	192	158	113	110	107	105
Retail trade	82	80	73	72	72	74
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	167	159	149	145	142	137
Nonferrous metals	150	133	123	118	115	110
Truck transportation	121	112	100	98	96	94
Iron and steel	117	107	98	94	92	88
Real estate	114	105	93	92	93	95

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

**Table 5 California Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	67,064	66,180	63,248	62,486	61,645	61,362
Indirect Defense Purchases Resulting from Direct Purchases	30,553	29,279	27,076	26,566	26,107	25,830
Induced Defense Purchases Resulting from Direct Pay	12,335	12,278	12,168	12,243	12,211	12,191
Total Nondefense Expenditures	3,206,974	3,283,218	3,373,940	3,463,905	3,570,524	3,668,567
Total Output	3,316,992	3,390,994	3,476,538	3,565,333	3,670,554	3,768,027
General government industry	17,972	17,991	17,918	17,977	17,988	17,986
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	14,493	14,347	13,916	13,455	12,930	12,659
Aerospace products and parts	9,591	9,629	9,224	9,204	9,027	9,127
Printing	2,383	2,412	2,357	2,281	2,264	2,251
Search, detection and navigation equipment	1,983	1,955	1,923	1,976	1,980	2,018
Electric utilities	1,607	1,573	1,472	1,420	1,398	1,380
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	4,369	4,248	4,017	3,939	3,854	3,802
Wholesale trade	1,750	1,659	1,533	1,507	1,487	1,470
Administrative and support services	1,453	1,380	1,249	1,224	1,196	1,186
Petroleum and coal products	1,461	1,358	1,200	1,169	1,137	1,111
Telecommunications	1,394	1,346	1,239	1,229	1,218	1,220

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

**Table 6 Colorado Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	12,649	12,508	12,027	11,839	11,599	11,533
Indirect Defense Purchases Resulting from Direct Purchases	4,787	4,554	4,158	4,095	4,040	4,015
Induced Defense Purchases Resulting from Direct Pay	2,122	2,114	2,095	2,107	2,101	2,097
Total Nondefense Expenditures	449,561	459,969	472,623	484,939	499,994	513,684
Total Output	469,621	479,616	491,331	503,398	518,140	531,728
General government industry	4,087	4,091	4,073	4,083	4,083	4,080
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	2,136	2,089	1,976	1,937	1,880	1,860
Telecommunications	1,302	1,251	1,122	1,107	1,100	1,105
Postal service and federal government enterprises	769	795	877	801	746	761
Communications and audio-video equipment	627	628	615	599	581	578
Computer systems design and related services	588	588	553	536	514	501
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	644	619	570	567	560	559
Administrative and support services	476	449	403	394	385	382
Telecommunications	422	407	375	372	368	369
Real estate	349	323	286	282	285	291
Wholesale trade	223	211	195	192	189	187

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

**Table 7 Connecticut Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	11,453	11,563	11,080	11,076	11,305	11,233
Indirect Defense Purchases Resulting from Direct Purchases	4,101	3,934	3,652	3,605	3,566	3,516
Induced Defense Purchases Resulting from Direct Pay	1,017	1,010	999	1,004	1,001	999
Total Nondefense Expenditures	383,130	391,307	401,692	411,942	423,939	435,052
Total Output	399,723	407,825	417,433	427,639	439,821	450,807
General government industry	962	962	958	961	962	962
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	3,402	3,391	3,349	3,257	3,141	3,099
Ship and boat building	2,273	2,509	2,393	2,405	2,747	2,667
Aerospace products and parts	2,477	2,499	2,414	2,498	2,502	2,587
Electric utilities	477	401	288	293	305	278
Transportation support, sightseeing, couriers	240	241	238	237	229	226
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	1,025	1,004	967	953	936	931
Aerospace products and parts	328	336	329	324	315	315
Electric utilities	337	288	218	221	228	207
Fabricated metal products	274	262	246	239	233	225
Management of companies and enterprises	233	223	206	203	201	199

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

**Table 8 Delaware Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	854	844	814	811	804	799
Indirect Defense Purchases Resulting from Direct Purchases	929	887	815	802	792	785
Induced Defense Purchases Resulting from Direct Pay	392	388	384	385	383	382
Total Nondefense Expenditures	113,331	115,637	118,547	121,312	124,669	127,691
Total Output	115,510	117,762	120,564	123,315	126,652	129,660
General government industry	530	531	529	530	530	530
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	58	62	60	59	54	50
Other chemicals	29	28	27	27	27	28
Electric utilities	24	22	19	19	18	18
Professional, scientific and technical services	20	20	20	19	18	17
Natural gas distribution	21	20	17	17	16	16
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Banks, credit cards and finance	266	256	237	234	231	230
Management of companies and enterprises	94	89	83	82	81	80
Other chemicals	62	61	57	55	55	54
Petroleum and coal products	57	53	47	46	44	43
Royalties	47	46	42	42	42	42

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

**Table 9 District of Columbia Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	10,171	9,748	8,936	8,825	8,735	8,717
Indirect Defense Purchases Resulting from Direct Purchases	4,016	3,785	3,397	3,367	3,353	3,352
Induced Defense Purchases Resulting from Direct Pay	910	906	898	903	900	898
Total Nondefense Expenditures	149,630	153,497	158,264	162,432	166,913	171,222
Total Output	164,746	167,954	171,510	175,543	179,916	184,205
General government industry	2,602	2,592	2,570	2,585	2,588	2,596
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	2,031	1,930	1,729	1,697	1,659	1,646
Computer systems design and related services	888	843	745	737	732	739
Hospitals	702	673	620	589	582	590
Offices of physicians, dentists, and other health practioners	592	556	493	477	474	482
Fabricated metal products	514	507	484	470	464	459
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Real estate	1,325	1,245	1,121	1,107	1,106	1,117
Professional, scientific and technical services	612	571	499	497	494	494
Administrative and support services	469	447	408	401	394	392
Legal services	453	436	400	401	402	406
Computer systems design and related services	147	140	129	129	129	130

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

**Table 10 Florida Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	28,450	27,853	26,396	26,258	26,049	25,958
Indirect Defense Purchases Resulting from Direct Purchases	10,200	9,758	8,999	8,838	8,690	8,604
Induced Defense Purchases Resulting from Direct Pay	5,947	5,920	5,867	5,902	5,885	5,875
Total Nondefense Expenditures	1,233,905	1,262,603	1,297,746	1,330,700	1,371,472	1,408,955
Total Output	1,278,560	1,306,188	1,339,067	1,371,757	1,412,146	1,449,440
General government industry	11,087	11,109	11,067	11,077	11,062	11,037
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	3,048	2,970	2,781	2,693	2,591	2,533
Aerospace products and parts	1,451	1,457	1,395	1,410	1,395	1,421
Search, detection and navigation equipment	1,390	1,377	1,354	1,370	1,363	1,379
Water transportation	1,058	968	813	801	794	791
Administrative and support services	906	820	690	674	658	649
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Administrative and support services	1,251	1,202	1,112	1,078	1,042	1,026
Professional, scientific and technical services	919	879	803	788	772	761
Wholesale trade	818	775	716	704	695	687
Telecommunications	623	601	553	549	544	545
Legal services	609	587	545	532	520	514

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

**Table 11 Georgia Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	18,823	18,458	17,563	17,531	17,355	17,312
Indirect Defense Purchases Resulting from Direct Purchases	10,855	10,280	9,412	9,249	9,133	9,065
Induced Defense Purchases Resulting from Direct Pay	4,528	4,510	4,470	4,498	4,486	4,479
Total Nondefense Expenditures	769,482	787,721	809,393	830,122	854,999	877,746
Total Output	803,756	821,031	840,900	861,462	886,030	908,655
General government industry	8,721	8,724	8,682	8,713	8,719	8,723
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	1,360	1,333	1,265	1,262	1,236	1,240
Aerospace products and parts	1,316	1,327	1,280	1,329	1,335	1,383
Truck transportation	1,160	1,066	902	898	899	900
Real estate	955	889	791	762	728	711
New construction	458	501	506	494	449	408
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Real estate	3,017	2,873	2,616	2,580	2,557	2,563
Administrative and support services	769	726	653	640	627	622
Wholesale trade	540	512	473	465	459	453
Telecommunications	510	492	453	450	446	447
Automotive repair and maintenance	463	400	391	365	358	336

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

**Table 12 Hawaii Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	8,690	8,362	7,814	7,709	7,593	7,537
Indirect Defense Purchases Resulting from Direct Purchases	1,403	1,327	1,198	1,175	1,154	1,144
Induced Defense Purchases Resulting from Direct Pay	1,622	1,617	1,603	1,613	1,609	1,607
Total Nondefense Expenditures	128,110	130,976	134,535	137,803	141,596	145,147
Total Output	139,859	142,313	145,178	148,328	151,978	155,462
General government industry	4,505	4,503	4,481	4,505	4,515	4,524
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Truck transportation	960	744	530	458	399	387
New construction	448	474	465	454	417	384
Professional, scientific and technical services	358	355	337	324	308	297
Administrative and support services	286	254	208	205	202	201
Computer systems design and related services	247	238	215	209	205	205
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Administrative and support services	395	373	335	328	320	318
Real estate	119	110	97	96	97	99
Professional, scientific and technical services	108	105	97	95	92	89
Waste management and remediation	67	62	55	54	53	52
Transportation support, sightseeing, couriers	57	54	48	47	47	47

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

**Table 13 Idaho Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,068	1,070	1,042	1,035	1,019	1,006
Indirect Defense Purchases Resulting from Direct Purchases	670	647	604	597	589	585
Induced Defense Purchases Resulting from Direct Pay	407	405	402	404	403	402
Total Nondefense Expenditures	92,196	94,562	97,272	100,024	103,370	106,498
Total Output	94,352	96,694	99,329	102,068	105,388	108,499
General government industry	656	658	655	656	656	655
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	85	93	94	92	83	76
Professional, scientific and technical services	47	44	40	37	34	32
Printing	45	43	39	39	40	40
Ophthalmic goods	44	43	40	39	39	41
Maintenance and repair construction	29	35	37	36	31	27
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Semiconductors and other electronic components	98	98	96	98	99	101
Wholesale trade	47	45	42	41	40	40
Truck transportation	32	30	27	26	26	25
Management of companies and enterprises	29	28	26	25	25	25
Banks, credit cards and finance	27	26	24	24	23	23

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

**Table 14 Illinois Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	9,819	9,617	9,114	9,056	8,991	8,956
Indirect Defense Purchases Resulting from Direct Purchases	9,624	9,101	8,342	8,173	8,054	7,941
Induced Defense Purchases Resulting from Direct Pay	3,483	3,463	3,430	3,448	3,437	3,429
Total Nondefense Expenditures	1,192,471	1,219,387	1,251,074	1,282,457	1,320,154	1,354,383
Total Output	1,215,426	1,241,595	1,271,985	1,303,160	1,340,660	1,374,731
General government industry	3,985	3,982	3,959	3,975	3,978	3,982
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	671	642	579	566	550	541
Fabricated metal products	438	425	395	378	366	355
Computer systems design and related services	409	391	351	342	337	337
Wholesale trade	342	336	301	295	295	301
Air transportation	336	335	317	319	322	323
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	911	872	817	794	776	749
Wholesale trade	762	722	668	656	648	640
Management of companies and enterprices	545	521	483	475	470	465
Banks, credit cards and finance	505	486	449	444	438	436
Petroleum and coal products	474	441	389	379	369	360

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

**Table 15 Indiana Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	8,565	7,316	6,861	6,564	6,436	6,229
Indirect Defense Purchases Resulting from Direct Purchases	6,098	5,683	5,240	5,096	5,013	4,903
Induced Defense Purchases Resulting from Direct Pay	1,843	1,833	1,819	1,830	1,827	1,825
Total Nondefense Expenditures	589,567	605,040	621,876	638,526	657,975	675,329
Total Output	606,104	619,900	635,823	652,039	671,272	688,306
General government industry	1,726	1,721	1,706	1,710	1,708	1,708
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Motor vehicles	1,759	1,130	1,073	895	859	737
Motor vehicle parts	1,272	852	793	672	634	534
Professional, scientific and technical services	624	607	573	565	552	550
Communications and audio-video equipment	626	601	568	589	565	586
Truck transportation	523	481	407	405	406	406
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Nonferrous metals	805	712	663	633	616	592
Iron and steel	629	574	528	504	495	471
Fabricated metal products	526	504	472	459	448	433
Other chemicals	379	369	344	336	335	329
Administrative and support services	380	364	336	331	328	327

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

**Table 16 Iowa Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	2,271	2,205	2,079	2,085	2,063	2,070
Indirect Defense Purchases Resulting from Direct Purchases	1,952	1,856	1,712	1,676	1,654	1,631
Induced Defense Purchases Resulting from Direct Pay	741	737	730	733	731	729
Total Nondefense Expenditures	253,822	259,722	266,490	273,194	281,175	288,329
Total Output	258,787	264,520	271,011	277,689	285,624	292,759
General government industry	539	540	538	539	539	538
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Truck transportation	424	390	330	329	329	329
Search, detection and navigation equipment	249	244	239	249	251	257
Professional, scientific and technical services	208	207	202	193	184	178
Communications and audio-video equipment	205	197	186	193	185	192
Aerospace products and parts	131	132	128	132	133	137
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	151	144	135	131	128	124
Wholesale trade	125	119	110	108	106	105
Truck transportation	112	104	93	90	88	87
Banks, credit cards and finance	90	86	80	79	78	77
Other chemicals	84	82	76	74	74	73

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

**Table 17 Kansas Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	5,468	5,442	5,185	5,143	5,054	5,010
Indirect Defense Purchases Resulting from Direct Purchases	2,497	2,384	2,188	2,149	2,119	2,109
Induced Defense Purchases Resulting from Direct Pay	1,118	1,113	1,102	1,109	1,105	1,103
Total Nondefense Expenditures	221,406	226,970	233,664	240,327	247,934	255,025
Total Output	230,570	235,980	242,202	248,784	256,259	263,289
General government industry	2,081	2,083	2,074	2,081	2,083	2,084
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Aerospace products and parts	943	946	906	903	885	894
Truck transportation	506	465	393	392	392	392
New construction	279	322	340	331	296	264
Ophthalmic goods	275	270	250	245	246	253
Professional, scientific and technical services	197	193	181	175	168	163
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Aerospace products and parts	335	343	336	331	322	322
Real estate	347	320	284	280	283	289
Telecommunications	184	178	164	162	161	161
Administrative and support services	149	143	132	131	131	131
Wholesale trade	127	120	111	109	108	107

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

**Table 18 Kentucky Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	7,539	7,405	7,053	7,041	6,994	6,972
Indirect Defense Purchases Resulting from Direct Purchases	4,153	3,866	3,514	3,419	3,359	3,304
Induced Defense Purchases Resulting from Direct Pay	1,898	1,889	1,871	1,881	1,875	1,870
Total Nondefense Expenditures	314,668	322,061	330,898	339,338	349,312	358,439
Total Output	328,288	335,248	343,362	351,704	361,564	370,609
General government industry	3,492	3,495	3,482	3,498	3,506	3,510
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Transportation support, sightseeing, couriers	677	660	621	638	638	644
Fabricated metal products	420	411	383	372	368	364
New construction	343	375	379	369	336	305
Insurance	364	356	325	316	315	318
Air transportation	372	351	313	312	310	309
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Insurance	786	720	627	600	583	580
Administrative and support services	286	270	242	237	232	230
Nonferrous metals	257	228	212	202	197	189
Transportation support, sightseeing, couriers	230	216	191	189	188	187
Iron and steel	201	184	169	161	158	150

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

**Table 19 Louisiana Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	6,504	6,328	5,903	5,813	5,811	5,666
Indirect Defense Purchases Resulting from Direct Purchases	5,557	5,246	4,703	4,609	4,524	4,461
Induced Defense Purchases Resulting from Direct Pay	1,570	1,566	1,554	1,564	1,561	1,559
Total Nondefense Expenditures	458,900	470,092	483,056	495,222	510,312	523,261
Total Output	472,541	483,251	495,091	507,087	522,221	534,961
General government industry	2,310	2,312	2,301	2,309	2,310	2,311
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Ship and boat building	822	910	869	876	1,005	977
Water transportation	789	684	540	516	497	491
New construction	335	358	355	347	317	291
Professional, scientific and technical services	240	234	214	211	203	199
Maintenance and repair construction	168	215	239	230	194	164
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Petroleum and coal products	1,985	1,845	1,630	1,588	1,544	1,509
Crude oil extraction	413	398	352	350	351	349
Administrative and support services	306	288	258	252	246	244
Other chemicals	235	228	213	208	208	204
Natural gas extraction	235	222	195	190	187	184

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

**Table 20 Maine Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	3,519	3,613	3,431	3,415	3,610	3,550
Indirect Defense Purchases Resulting from Direct Purchases	684	659	611	601	588	581
Induced Defense Purchases Resulting from Direct Pay	525	523	518	522	520	519
Total Nondefense Expenditures	109,015	111,408	114,232	117,016	120,342	123,483
Total Output	113,758	116,214	118,800	121,559	125,065	128,137
General government industry	1,131	1,127	1,116	1,119	1,118	1,119
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Ship and boat building	1,581	1,730	1,645	1,636	1,843	1,783
Other ambulatory health care services	329	293	239	233	231	234
Fabricated metal products	103	101	96	93	92	91
Professional, scientific and technical services	100	100	98	97	94	94
New construction	35	35	32	31	29	28
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Aerospace products and parts	63	64	63	62	60	60
Paper	63	60	55	53	52	51
Wholesale trade	49	47	43	42	42	41
Other ambulatory health care services	37	33	27	27	27	27
Banks, credit cards and finance	32	31	28	28	28	27

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

**Table 21 Maryland Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	24,131	23,245	21,570	21,350	21,014	20,971
Indirect Defense Purchases Resulting from Direct Purchases	7,950	7,557	6,882	6,771	6,665	6,630
Induced Defense Purchases Resulting from Direct Pay	2,709	2,698	2,674	2,690	2,682	2,678
Total Nondefense Expenditures	508,352	520,648	535,781	549,316	565,733	580,675
Total Output	543,161	554,167	566,929	580,151	596,116	610,975
General government industry	6,182	6,169	6,123	6,145	6,142	6,147
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	6,162	6,021	5,694	5,610	5,463	5,431
Truck transportation	1,434	1,244	998	956	926	919
Administrative and support services	987	883	727	719	711	705
Telecommunications	888	850	768	758	752	755
Computer systems design and related services	826	795	710	698	685	683
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	1,857	1,783	1,644	1,642	1,628	1,631
Administrative and support services	1,363	1,295	1,173	1,150	1,124	1,115
Real estate	822	764	681	672	677	688
Information and data processing	400	379	341	321	300	292
Legal services	253	246	232	223	214	208

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

**Table 22 Massachusetts Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	15,427	15,000	14,206	14,004	13,725	13,667
Indirect Defense Purchases Resulting from Direct Purchases	6,935	6,689	6,287	6,191	6,111	6,052
Induced Defense Purchases Resulting from Direct Pay	1,586	1,573	1,556	1,563	1,556	1,552
Total Nondefense Expenditures	650,253	665,186	683,344	701,931	723,803	744,116
Total Output	674,224	688,468	705,416	723,713	745,216	765,405
General government industry	1,444	1,441	1,430	1,433	1,431	1,431
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	6,606	6,550	6,398	6,141	5,881	5,733
Aerospace products and parts	1,243	1,253	1,206	1,248	1,251	1,292
Search, detection and navigation equipment	931	908	877	908	913	933
Water transportation	538	468	363	350	339	335
Communications and audio-video equipment	431	416	389	401	386	398
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	1,991	1,939	1,847	1,798	1,753	1,722
Other repair and maintenance, personal services	544	521	505	504	503	502
Wholesale trade	378	358	331	325	321	317
Fabricated metal products	353	338	317	308	301	290
Semiconductors and other electronic components	281	282	275	281	284	289

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

**Table 23 Michigan Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	7,688	6,832	6,267	5,945	5,703	5,380
Indirect Defense Purchases Resulting from Direct Purchases	5,901	5,483	5,059	4,925	4,848	4,748
Induced Defense Purchases Resulting from Direct Pay	2,386	2,362	2,337	2,343	2,332	2,320
Total Nondefense Expenditures	860,847	880,066	903,500	927,615	955,300	980,725
Total Output	876,841	894,760	917,178	940,840	968,193	993,182
General government industry	1,686	1,681	1,665	1,669	1,665	1,665
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Other transportation equipment	2,805	2,123	1,833	1,540	1,330	1,020
Professional, scientific and technical services	598	593	581	574	559	558
Truck transportation	425	391	330	329	330	330
Electric utilities	188	173	146	143	142	141
Apparel	165	173	169	172	175	176
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	665	637	597	580	566	547
Motor vehicle parts	660	538	487	453	443	417
Wholesale trade	441	418	387	380	375	371
Management of companies and enterprises	369	352	326	321	318	315
Nonferrous metals	271	240	223	213	207	199

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

**Table 24 Minnesota Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	3,771	3,687	3,449	3,405	3,378	3,377
Indirect Defense Purchases Resulting from Direct Purchases	3,829	3,653	3,371	3,309	3,257	3,215
Induced Defense Purchases Resulting from Direct Pay	1,173	1,165	1,153	1,159	1,155	1,152
Total Nondefense Expenditures	482,306	493,310	506,478	519,616	535,447	549,988
Total Output	491,118	501,848	514,480	527,515	543,259	557,752
General government industry	806	807	804	805	804	803
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Wholesale trade	573	561	504	497	499	511
Fabricated metal products	513	501	472	455	443	433
Retail trade	356	346	319	312	313	321
Air transportation	256	251	233	233	235	235
Professional, scientific and technical services	240	239	234	226	218	213
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	346	331	310	301	294	284
Management of companies and enterprises	345	330	306	301	297	295
Wholesale trade	310	294	272	267	263	260
Banks, credit cards and finance	240	231	213	211	208	207
Petroleum and coal products	246	228	202	196	191	187

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

**Table 25 Mississippi Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	7,006	7,203	6,951	6,859	6,957	6,777
Indirect Defense Purchases Resulting from Direct Purchases	2,571	2,436	2,227	2,185	2,156	2,141
Induced Defense Purchases Resulting from Direct Pay	1,107	1,103	1,093	1,100	1,098	1,096
Total Nondefense Expenditures	182,727	187,016	192,142	197,072	203,117	208,612
Total Output	193,436	197,779	202,430	207,232	213,342	218,640
General government industry	2,277	2,275	2,261	2,269	2,268	2,269
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Ship and boat building	2,330	2,499	2,354	2,295	2,502	2,403
New construction	458	556	610	593	523	460
Professional, scientific and technical services	478	487	486	469	443	427
Real estate	196	177	153	148	144	143
Administrative and support services	157	142	119	117	115	113
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Real estate	620	573	508	502	506	516
Administrative and support services	217	208	192	187	182	179
Rental and leasing of goods	208	198	179	176	173	172
Professional, scientific and technical services	144	144	140	137	132	128
Wholesale trade	81	76	71	69	68	68

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

**Table 26 Missouri Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	13,381	13,242	12,725	12,677	12,528	12,555
Indirect Defense Purchases Resulting from Direct Purchases	4,668	4,454	4,131	4,042	3,974	3,920
Induced Defense Purchases Resulting from Direct Pay	1,874	1,866	1,849	1,860	1,855	1,852
Total Nondefense Expenditures	458,799	469,832	483,120	496,049	511,399	525,309
Total Output	478,735	489,409	501,852	514,662	529,790	543,666
General government industry	2,753	2,754	2,740	2,748	2,749	2,748
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Aerospace products and parts	2,999	3,024	2,916	3,005	3,004	3,098
Professional, scientific and technical services	2,910	2,883	2,809	2,686	2,567	2,494
Search, detection and navigation equipment	1,064	1,045	1,030	1,071	1,078	1,104
Fabricated metal products	827	814	771	750	740	731
New construction	337	342	338	340	331	325
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	877	853	811	786	765	749
Management of companies and enterprises	301	287	266	262	259	257
Wholesale trade	269	255	235	231	228	226
Fabricated metal products	252	241	226	219	214	207
Aerospace products and parts	213	218	213	210	204	204

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

**Table 27 Montana Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	946	946	917	911	899	887
Indirect Defense Purchases Resulting from Direct Purchases	522	500	463	453	446	441
Induced Defense Purchases Resulting from Direct Pay	260	259	257	258	257	257
Total Nondefense Expenditures	57,509	58,809	60,359	61,821	63,703	65,402
Total Output	59,241	60,517	62,000	63,446	65,307	66,990
General government industry	505	506	504	505	505	505
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	67	80	87	85	75	66
Truck transportation	73	67	57	56	56	56
Professional, scientific and technical services	44	44	44	43	41	40
Administrative and support services	40	39	38	40	44	45
Maintenance and repair construction	23	25	25	24	22	20
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Information and data processing	68	64	57	51	44	42
Administrative and support services	55	57	62	64	69	72
Petroleum and coal products	43	40	35	34	34	33
Wholesale trade	31	29	27	27	26	26
Truck transportation	22	20	18	17	17	17

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

**Table 28 Nebraska Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	2,299	2,269	2,164	2,151	2,132	2,127
Indirect Defense Purchases Resulting from Direct Purchases	1,117	1,059	966	949	938	930
Induced Defense Purchases Resulting from Direct Pay	694	691	684	688	685	683
Total Nondefense Expenditures	151,602	155,006	159,029	163,014	167,695	172,009
Total Output	155,726	159,037	162,855	166,812	171,460	175,758
General government industry	1,211	1,211	1,205	1,209	1,209	1,209

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

<b>Total Direct Expenditures (Purchases and Pay)</b>						
Computer systems design and related services	266	252	223	219	217	218
Retail trade	185	180	166	162	163	167
Professional, scientific and technical services	162	154	136	134	132	131
Wholesale trade	106	104	93	90	90	92
New construction	65	74	77	75	67	61
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Truck transportation	100	92	82	80	79	77
Rail transportation	97	91	83	82	81	80
Wholesale trade	83	79	73	71	71	70
Fabricated metal products	60	57	54	52	51	49
Animal production	50	48	44	44	44	45

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

**Table 29 Nevada Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	3,303	3,198	2,998	2,970	2,937	2,919
Indirect Defense Purchases Resulting from Direct Purchases	1,418	1,351	1,241	1,222	1,207	1,196
Induced Defense Purchases Resulting from Direct Pay	801	797	790	794	791	790
Total Nondefense Expenditures	190,441	194,753	200,064	204,744	210,991	216,579
Total Output	195,973	200,108	205,101	209,737	215,933	221,491
General government industry	1,434	1,438	1,434	1,436	1,434	1,430
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Accommodation	576	549	486	482	483	484
Professional, scientific and technical services	208	198	178	173	167	164
New construction	169	170	158	155	145	136
Warehousing and storage	127	100	73	63	55	53
Administrative and support services	102	94	82	82	85	86
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Accommodation	167	159	146	144	142	142
Administrative and support services	141	138	132	132	134	135
Banks, credit cards and finance	141	135	125	124	122	122
Management of companies and enterprises	101	96	89	88	87	86
Wholesale trade	79	75	70	68	68	67

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

**Table 30 New Hampshire Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,945	1,903	1,814	1,821	1,803	1,808
Indirect Defense Purchases Resulting from Direct Purchases	827	790	729	717	706	698
Induced Defense Purchases Resulting from Direct Pay	348	346	343	345	344	343
Total Nondefense Expenditures	107,824	110,302	113,285	116,246	119,853	123,178
Total Output	110,939	113,336	116,168	119,126	122,702	126,024
General government industry	440	441	439	439	438	437
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Search, detection and navigation equipment	349	341	335	350	353	362
Professional, scientific and technical services	346	335	312	303	294	289
Fabricated metal products	138	134	124	121	119	118
Aerospace products and parts	126	125	117	118	117	119
Communications and audio-video equipment	102	98	92	96	92	95
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	104	99	90	89	88	87
Fabricated metal products	91	87	82	80	78	75
Wholesale trade	68	64	60	59	58	57
Banks, credit cards and finance	45	43	40	39	39	38
Semiconductors and other electronic components	42	42	41	42	43	44

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

**Table 31 New Jersey Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	11,403	11,099	10,492	10,396	10,232	10,212
Indirect Defense Purchases Resulting from Direct Purchases	7,543	7,192	6,637	6,531	6,439	6,376
Induced Defense Purchases Resulting from Direct Pay	2,388	2,379	2,362	2,380	2,379	2,380
Total Nondefense Expenditures	878,708	899,011	923,133	946,399	974,489	999,648
Total Output	900,010	919,655	942,604	965,689	993,521	1,018,597
General government industry	2,212	2,204	2,185	2,193	2,191	2,193
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	3,316	3,300	3,246	3,194	3,101	3,087
Search, detection and navigation equipment	670	656	644	672	678	696
Air transportation	579	548	492	490	489	488
Water transportation	528	478	391	385	382	381
Wholesale trade	478	470	419	409	410	419
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	1,000	977	937	935	924	927
Wholesale trade	688	653	603	593	585	578
Other chemicals	505	491	457	447	446	439
Telecommunications	389	375	346	343	340	340
Rental and leasing of goods	385	367	337	330	322	318

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

**Table 32 New Mexico Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	4,128	4,052	3,876	3,832	3,775	3,743
Indirect Defense Purchases Resulting from Direct Purchases	1,750	1,675	1,532	1,506	1,484	1,472
Induced Defense Purchases Resulting from Direct Pay	846	843	836	841	838	837
Total Nondefense Expenditures	147,257	151,136	155,618	160,135	165,459	170,384
Total Output	153,999	157,723	161,878	166,329	171,571	176,450
General government industry	1,937	1,936	1,925	1,930	1,929	1,929
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	876	859	821	786	753	732
New construction	165	172	173	173	164	157
Administrative and support services	187	166	136	134	132	131
Nursing and residential care facilities	71	70	65	64	64	66
Computer systems design and related services	62	59	53	51	51	51
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	264	254	237	230	224	220
Administrative and support services	258	244	219	214	209	207
Crude oil extraction	162	156	138	137	138	137
Semiconductors and other electronic components	143	143	140	142	144	147
Natural gas extraction	92	87	77	75	74	72

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

**Table 33 New York Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	14,808	14,412	13,665	13,539	13,299	13,239
Indirect Defense Purchases Resulting from Direct Purchases	12,762	12,151	11,179	10,998	10,852	10,759
Induced Defense Purchases Resulting from Direct Pay	5,045	4,995	4,935	4,952	4,926	4,907
Total Nondefense Expenditures	1,844,554	1,881,889	1,928,398	1,974,864	2,029,406	2,079,809
Total Output	1,877,179	1,913,460	1,958,198	2,004,376	2,058,505	2,108,735
General government industry	3,331	3,330	3,312	3,325	3,328	3,331
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	2,799	2,788	2,745	2,677	2,586	2,554
Aerospace products and parts	1,384	1,388	1,325	1,283	1,237	1,226
Air transportation	978	928	836	834	831	830
Search, detection and navigation equipment	854	839	825	854	859	878
Communications and audio-video equipment	574	553	518	535	515	532
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Telecommunications	1,307	1,262	1,162	1,153	1,142	1,144
Management of companies and enterprises	1,079	1,030	955	940	930	921
Banks, credit cards and finance	1,014	975	901	890	879	875
Wholesale trade	975	925	854	840	829	819
Securities, investments, funds and trusts	941	874	797	777	759	748

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

**Table 34 North Carolina Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	15,481	15,079	14,402	14,209	14,000	13,894
Indirect Defense Purchases Resulting from Direct Purchases	6,380	6,059	5,569	5,465	5,390	5,324
Induced Defense Purchases Resulting from Direct Pay	5,057	5,036	4,990	5,020	5,007	4,999
Total Nondefense Expenditures	735,758	753,324	773,739	793,338	817,148	838,462
Total Output	762,762	779,577	798,773	818,102	841,612	862,743
General government industry	8,951	8,967	8,940	8,977	8,993	8,997
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	1,840	1,712	1,581	1,395	1,207	1,102
Food services and drinking places	352	321	268	264	262	261
Professional, scientific and technical services	309	306	288	279	266	257
Administrative and support services	281	252	208	207	206	205
Truck transportation	272	250	211	211	211	211
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Banks, credit cards and finance	552	530	490	484	478	476
Other chemicals	384	373	347	340	339	333
Administrative and support services	389	369	336	330	326	325
Wholesale trade	372	353	326	321	317	313
Fabricated metal products	327	313	293	285	279	269

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

**Table 35 North Dakota Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,102	1,102	1,064	1,058	1,044	1,032
Indirect Defense Purchases Resulting from Direct Purchases	406	385	351	344	339	335
Induced Defense Purchases Resulting from Direct Pay	309	308	305	307	305	305
Total Nondefense Expenditures	50,720	51,889	53,270	54,648	56,305	57,817
Total Output	52,545	53,691	54,996	56,363	57,999	59,495
General government industry	653	653	651	654	656	657
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	133	144	143	139	127	117
Telecommunications	71	67	60	59	59	60
Maintenance and repair construction	40	41	39	38	35	33
Natural gas distribution	24	22	19	19	19	19
Nursing and residential care facilities	17	17	16	15	15	16
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Natural gas distribution	43	41	37	36	36	35
Wholesale trade	37	35	33	32	32	31
Administrative and support services	21	20	18	18	18	18
Truck transportation	21	19	17	17	16	16
Banks, credit cards and finance	18	17	16	16	16	16

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

**Table 36 Ohio Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	12,345	11,699	11,026	10,802	10,634	10,527
Indirect Defense Purchases Resulting from Direct Purchases	9,493	8,936	8,241	8,044	7,906	7,761
Induced Defense Purchases Resulting from Direct Pay	3,101	3,080	3,051	3,065	3,055	3,047
Total Nondefense Expenditures	1,001,643	1,025,026	1,052,487	1,079,965	1,112,063	1,141,416
Total Output	1,026,611	1,048,781	1,074,848	1,101,918	1,133,694	1,162,785
General government industry	3,600	3,590	3,560	3,570	3,565	3,566
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	2,326	2,276	2,166	2,117	2,054	2,032
Aerospace products and parts	988	992	950	943	921	928
Wholesale trade	831	816	729	714	717	733
Motor vehicles	790	508	482	403	387	332
Retail trade	503	490	451	442	442	454
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	994	951	891	866	846	816
Professional, scientific and technical services	701	674	625	620	612	610
Nonferrous metals	729	645	601	573	558	536
Iron and steel	570	520	478	456	449	426
Wholesale trade	521	494	456	449	443	438

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

**Table 37 Oklahoma Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	6,814	6,667	6,329	6,319	6,287	6,288
Indirect Defense Purchases Resulting from Direct Purchases	3,040	2,879	2,605	2,560	2,525	2,502
Induced Defense Purchases Resulting from Direct Pay	1,634	1,628	1,614	1,624	1,619	1,616
Total Nondefense Expenditures	279,187	285,798	293,640	301,204	310,320	318,524
Total Output	290,699	296,994	304,207	311,726	320,770	328,948
General government industry	3,754	3,748	3,723	3,737	3,738	3,742
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	439	430	404	401	391	389
New construction	333	323	291	286	273	261
Offices of physicians, dentists, and other health practioners	339	318	281	274	273	279
Telecommunications	272	259	232	229	228	230
Administrative and support services	248	221	180	178	176	174
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Administrative and support services	343	324	291	285	278	276
Crude oil extraction	242	233	206	205	205	205
Real estate	179	165	146	145	146	149
Fabricated metal products	164	157	147	143	139	135
Natural gas distribution	143	135	123	121	119	117

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

**Table 38 Oregon Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	2,017	1,921	1,804	1,783	1,771	1,751
Indirect Defense Purchases Resulting from Direct Purchases	2,609	2,504	2,334	2,302	2,273	2,252
Induced Defense Purchases Resulting from Direct Pay	845	841	833	838	836	834
Total Nondefense Expenditures	290,649	298,549	307,426	316,687	327,648	338,043
Total Output	296,150	303,838	312,419	321,631	332,544	342,898
General government industry	966	967	961	961	959	956
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Waste management and remediation	197	162	116	113	110	108
Printing	113	108	97	97	99	99
Motor vehicles	136	90	83	71	68	59
Communications and audio-video equipment	56	56	54	54	52	52
Air transportation	53	51	47	47	47	47
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Semiconductors and other electronic components	420	422	411	419	425	432
Wholesale trade	181	172	159	156	154	152
Communications and audio-video equipment	113	110	102	102	101	102
Wood products	111	108	103	99	93	89
Fabricated metal products	112	107	100	98	95	92

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

**Table 39 Pennsylvania Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	17,272	16,392	15,223	14,860	14,525	14,256
Indirect Defense Purchases Resulting from Direct Purchases	9,652	9,146	8,427	8,236	8,095	7,947
Induced Defense Purchases Resulting from Direct Pay	3,077	3,066	3,043	3,065	3,062	3,062
Total Nondefense Expenditures	1,077,724	1,102,784	1,132,250	1,160,838	1,195,492	1,226,769
Total Output	1,107,744	1,131,407	1,158,966	1,186,984	1,221,168	1,252,038
General government industry	3,558	3,547	3,514	3,522	3,514	3,515
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	3,500	3,447	3,322	3,194	3,065	2,991
Truck transportation	1,509	1,378	1,159	1,149	1,147	1,147
Aerospace products and parts	1,183	1,192	1,149	1,176	1,171	1,203
Other transportation equipment	1,582	1,175	1,011	843	726	546
Rail transportation	820	740	617	604	596	594
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	1,055	1,020	959	935	913	898
Fabricated metal products	638	611	572	556	543	524
Nonferrous metals	685	607	565	539	524	504
Wholesale trade	556	527	487	479	472	467
Other chemicals	524	509	475	464	463	455

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

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**Table 40 Rhode Island Summary**(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,661	1,632	1,560	1,559	1,549	1,549
Indirect Defense Purchases Resulting from Direct Purchases	622	593	545	536	527	519
Induced Defense Purchases Resulting from Direct Pay	426	423	419	421	420	419
Total Nondefense Expenditures	98,971	101,054	103,531	106,014	108,968	111,724
Total Output	101,685	103,707	106,060	108,535	111,469	114,215
General government industry	879	876	868	871	870	872
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Search, detection and navigation equipment	195	193	190	191	190	192
Professional, scientific and technical services	178	169	150	147	144	143
Truck transportation	82	76	64	64	64	64
Aerospace products and parts	50	50	48	50	51	52
New construction	44	47	46	45	41	38
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Banks, credit cards and finance	81	78	72	71	70	70
Fabricated metal products	58	55	52	50	49	48
Professional, scientific and technical services	54	50	43	43	43	43
Wholesale trade	43	41	38	37	36	36
Management of companies and enterprises	34	33	30	30	30	29

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

**Table 41 South Carolina Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	8,084	7,839	7,430	7,383	7,335	7,294
Indirect Defense Purchases Resulting from Direct Purchases	4,288	4,041	3,696	3,637	3,606	3,589
Induced Defense Purchases Resulting from Direct Pay	2,036	2,028	2,011	2,024	2,019	2,016
Total Nondefense Expenditures	289,730	296,842	305,275	313,136	322,781	331,481
Total Output	304,151	310,767	318,431	326,200	335,759	344,399
General government industry	4,312	4,319	4,304	4,317	4,319	4,318
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	665	626	548	541	532	529
Warehousing and storage	446	414	352	350	350	351
Real estate	401	371	337	328	319	317
Fabricated metal products	253	248	233	226	223	221
Administrative and support services	277	246	200	198	195	194
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Real estate	1,266	1,199	1,114	1,110	1,122	1,142
Administrative and support services	383	361	323	317	309	306
Fabricated metal products	237	227	213	207	202	195
Professional, scientific and technical services	200	185	158	158	158	159
Wholesale trade	152	144	133	131	129	128

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

**Table 42 South Dakota Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,145	1,146	1,110	1,097	1,079	1,071
Indirect Defense Purchases Resulting from Direct Purchases	438	417	384	377	372	369
Induced Defense Purchases Resulting from Direct Pay	299	297	294	295	294	293
Total Nondefense Expenditures	61,126	62,481	64,105	65,739	67,645	69,408
Total Output	63,014	64,346	65,898	67,512	69,394	71,145
General government industry	483	484	482	484	484	484
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Dairy products, meat and seafood	335	328	304	297	297	307
Maintenance and repair construction	56	71	78	75	64	54
New construction	51	60	64	62	55	49
Aerospace products and parts	19	19	19	20	20	20
Retail trade	18	17	16	15	15	16
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Banks, credit cards and finance	94	91	84	83	82	81
Wholesale trade	33	31	29	28	28	27
Animal production	28	27	25	25	25	25
Truck transportation	23	21	19	18	18	18
Telecommunications	21	20	18	18	18	18

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

**Table 43 Tennessee Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	9,667	9,186	8,433	8,313	8,214	8,152
Indirect Defense Purchases Resulting from Direct Purchases	4,199	3,984	3,681	3,599	3,536	3,476
Induced Defense Purchases Resulting from Direct Pay	1,754	1,744	1,728	1,737	1,733	1,729
Total Nondefense Expenditures	477,037	488,438	501,861	515,281	531,189	545,743
Total Output	492,684	503,375	515,724	528,950	544,689	559,115
General government industry	1,894	1,897	1,889	1,888	1,882	1,876
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Air transportation	4,756	4,423	3,901	3,869	3,834	3,819
Professional, scientific and technical services	951	942	918	873	831	803
Truck transportation	379	348	295	293	294	294
Fabricated metal products	216	211	199	193	190	187
Other chemicals	148	146	140	138	137	143
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Transportation support, sightseeing, couriers	381	357	316	313	311	311
Fabricated metal products	361	346	324	315	308	297
Wholesale trade	297	281	260	255	252	249
Professional, scientific and technical services	287	279	265	256	248	241
Truck transportation	241	223	199	194	190	186

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

**Table 44 Texas Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	46,589	45,432	43,162	42,581	41,931	41,704
Indirect Defense Purchases Resulting from Direct Purchases	23,520	22,362	20,352	20,016	19,760	19,572
Induced Defense Purchases Resulting from Direct Pay	8,460	8,431	8,360	8,416	8,397	8,387
Total Nondefense Expenditures	2,102,019	2,154,791	2,216,461	2,275,767	2,349,149	2,414,244
Total Output	2,180,717	2,231,140	2,288,428	2,346,875	2,419,324	2,483,991
General government industry	13,630	13,655	13,609	13,643	13,645	13,632
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Aerospace products and parts	12,648	12,676	12,114	11,902	11,565	11,578
Professional, scientific and technical services	4,269	4,207	4,054	3,911	3,757	3,674
Truck transportation	1,102	1,013	857	854	855	855
Search, detection and navigation equipment	974	956	942	982	991	1,017
New construction	793	888	916	894	808	730
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Petroleum and coal products	2,827	2,627	2,322	2,261	2,199	2,150
Crude oil extraction	1,631	1,572	1,391	1,381	1,385	1,380
Professional, scientific and technical services	1,287	1,246	1,170	1,145	1,120	1,103
Wholesale trade	1,237	1,173	1,084	1,066	1,052	1,039
Administrative and support services	1,224	1,167	1,068	1,052	1,038	1,034

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

**Table 45 Utah Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	5,546	5,448	5,245	5,255	5,203	5,230
Indirect Defense Purchases Resulting from Direct Purchases	2,354	2,242	2,075	2,051	2,024	2,014
Induced Defense Purchases Resulting from Direct Pay	1,039	1,034	1,025	1,031	1,028	1,026
Total Nondefense Expenditures	215,037	219,873	225,546	231,082	237,745	243,868
Total Output	223,999	228,617	233,908	239,434	246,012	252,149
General government industry	2,298	2,287	2,263	2,272	2,270	2,274
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	1,624	1,640	1,657	1,671	1,642	1,667
Waste management and remediation	249	206	150	147	143	140
Communications and audio-video equipment	172	169	160	161	156	158
Administrative and support services	151	135	110	109	107	106
New construction	124	122	112	109	103	98
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	489	486	478	489	490	500
Administrative and support services	209	197	177	174	170	168
Banks, credit cards and finance	118	113	105	104	102	102
Waste management and remediation	124	113	96	93	92	90
Nonferrous metals	102	90	84	80	78	75

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

**Table 46 Vermont Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,116	1,094	1,038	1,029	1,011	1,008
Indirect Defense Purchases Resulting from Direct Purchases	344	332	310	307	303	301
Induced Defense Purchases Resulting from Direct Pay	142	141	139	140	140	140
Total Nondefense Expenditures	44,046	45,119	46,407	47,672	49,216	50,641
Total Output	45,651	46,688	47,897	49,151	50,672	52,092
General government industry	163	163	162	162	162	162
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Fabricated metal products	332	324	306	294	285	277
Professional, scientific and technical services	173	175	177	177	172	174
Communications and audio-video equipment	121	116	110	114	109	113
Electromedical and electrotherapeutic apparatusw	74	80	79	81	83	83
Apparel	43	35	22	21	21	20
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	52	52	51	52	51	52
Semiconductors and other electronic components	26	26	25	25	26	26
Fabricated metal products	24	23	21	21	20	20
Wholesale trade	23	22	21	20	20	20
Telecommunications	21	20	19	19	18	18

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

**Table 47 Virginia Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	73,633	71,643	66,710	66,038	65,424	65,069
Indirect Defense Purchases Resulting from Direct Purchases	16,972	16,454	15,292	15,089	14,770	14,572
Induced Defense Purchases Resulting from Direct Pay	7,697	7,668	7,599	7,645	7,620	7,606
Total Nondefense Expenditures	782,192	802,471	828,457	850,678	876,967	901,077
Total Output	880,590	898,349	918,176	939,569	964,900	988,446
General government industry	19,308	19,304	19,201	19,267	19,273	19,279
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	13,659	13,234	12,286	12,044	11,707	11,580
Computer systems design and related services	7,729	7,379	6,553	6,467	6,385	6,415
Telecommunications	5,564	5,313	4,777	4,733	4,720	4,768
Air transportation	4,225	3,935	3,477	3,449	3,420	3,407
New construction	2,396	2,701	2,832	2,776	2,527	2,305
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	4,117	3,918	3,546	3,526	3,489	3,478
Administrative and support services	1,882	1,826	1,714	1,694	1,676	1,666
Real estate	1,540	1,705	1,759	1,726	1,590	1,472
Legal services	1,472	1,413	1,317	1,286	1,249	1,235
Computer systems design and related services	1,278	1,229	1,135	1,131	1,124	1,128

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

**Table 48 Washington Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	13,568	13,395	12,852	12,776	12,661	12,608
Indirect Defense Purchases Resulting from Direct Purchases	5,403	5,178	4,763	4,674	4,590	4,549
Induced Defense Purchases Resulting from Direct Pay	3,220	3,207	3,179	3,199	3,189	3,184
Total Nondefense Expenditures	567,554	581,046	597,227	613,372	632,120	649,752
Total Output	589,870	602,926	618,109	634,094	652,610	670,136
General government industry	6,729	6,731	6,697	6,719	6,722	6,722
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	1,787	1,763	1,704	1,620	1,543	1,490
Aerospace products and parts	971	980	947	980	982	1,015
New construction	554	568	541	529	492	458
Other ambulatory health care services	386	344	281	274	271	275
Water transportation	319	293	247	244	242	242
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Aerospace products and parts	537	550	539	531	516	516
Professional, scientific and technical services	539	522	492	474	460	448
Administrative and support services	415	397	365	357	348	344
Wholesale trade	326	309	286	281	277	274
Petroleum and coal products	278	258	228	222	216	211

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

**Table 49 West Virginia Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	1,034	1,052	1,033	1,019	987	961
Indirect Defense Purchases Resulting from Direct Purchases	1,024	968	887	866	850	834
Induced Defense Purchases Resulting from Direct Pay	334	333	331	334	333	333
Total Nondefense Expenditures	104,686	107,166	110,058	112,794	116,280	119,371
Total Output	107,084	109,524	112,313	115,016	118,453	121,502
General government industry	490	490	487	488	487	486
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	111	109	104	99	95	92
Maintenance and repair construction	64	85	97	93	77	64
New construction	52	65	73	71	62	54
Electric utilities	55	50	43	42	41	41
Computer systems design and related services	45	43	40	39	39	39
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Legal services	88	84	77	78	79	80
Coal mining	71	66	59	57	57	56
Nonferrous metals	68	60	56	53	52	50
Other chemicals	52	50	47	46	46	45
Iron and steel	53	48	44	42	42	40

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

**Table 50 Wisconsin Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	4,320	3,759	3,507	3,337	3,274	3,163
Indirect Defense Purchases Resulting from Direct Purchases	4,311	4,089	3,766	3,683	3,622	3,565
Induced Defense Purchases Resulting from Direct Pay	1,115	1,108	1,098	1,104	1,101	1,099
Total Nondefense Expenditures	453,194	464,212	476,687	489,063	503,965	517,555
Total Output	462,971	473,195	485,080	497,205	511,978	525,395
General government industry	757	758	754	755	754	752
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Motor vehicles	1,284	871	819	695	656	564
Wholesale trade	315	310	275	269	269	275
Fabricated metal products	306	301	285	277	273	270
Engine, turbine and power transmission equipment	256	197	182	172	173	165
Retail trade	196	190	175	172	172	177
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Fabricated metal products	551	528	494	480	469	453
Paper	260	248	227	221	216	213
Wholesale trade	241	228	211	207	205	202
Truck transportation	199	184	165	160	157	154
Management of companies and enterprises	193	184	171	168	166	165

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

**Table 51 Wyoming Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	595	590	571	570	564	560
Indirect Defense Purchases Resulting from Direct Purchases	554	526	476	467	461	454
Induced Defense Purchases Resulting from Direct Pay	191	191	189	190	190	190
Total Nondefense Expenditures	52,973	54,336	55,914	57,379	59,383	61,064
Total Output	54,316	55,646	57,152	58,609	60,600	62,269
General government industry	389	389	388	389	389	389
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
New construction	23	25	26	25	23	21
Electric utilities	27	25	21	20	20	20
Accomodation	19	18	16	16	16	16
Computer systems design and related services	18	17	15	15	14	15
Natural gas distribution	17	16	14	14	13	13
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Crude oil extraction	97	94	83	82	83	82
Natural gas extraction	55	52	46	45	44	43
Coal mining	50	46	41	40	40	39
Rail transportation	33	31	29	28	28	27
Natural gas distribution	31	29	27	26	26	25

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

**Table 52 Entire United States Summary**

(Millions of 2009 dollars)

	2008	2009	2010	2011	2012	2013
<b>AGGREGATE MEASURES</b>						
Total Direct Expenditures (Purchases and Pay)	569,022	553,950	523,785	517,929	511,877	508,437
Indirect Defense Purchases Resulting from Direct Purchases	270,324	257,268	236,591	232,280	228,717	226,131
Induced Defense Purchases Resulting from Direct Pay	108,637	108,121	107,147	107,781	107,476	107,279
Total Nondefense Expenditures	26,059,234	26,675,355	27,410,058	28,123,848	28,977,857	29,756,706
Total Output	27,007,216	27,594,694	28,277,580	28,981,838	29,825,927	30,598,553
General government industry	176,263	176,283	175,374	175,916	175,927	175,921
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>						
<b>Total Direct Expenditures (Purchases and Pay)</b>						
Professional, scientific and technical services	90,120	88,607	84,869	82,566	79,730	78,474
Aerospace products and parts	43,481	43,684	41,885	42,094	41,470	42,114
New construction	15,293	16,353	16,381	15,864	14,431	13,208
Computer systems design and related services	16,692	16,003	14,304	14,061	13,837	13,852
Air transportation	16,330	15,492	13,961	13,913	13,865	13,841
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>						
Professional, scientific and technical services	27,165	26,234	24,498	24,172	23,763	23,567
Administrative and support services	15,911	15,188	13,895	13,643	13,392	13,299
Real estate	14,672	14,115	13,030	12,863	12,704	12,681
Wholesale trade	14,103	13,371	12,355	12,144	11,989	11,845
Fabricated metal products	11,689	11,189	10,481	10,186	9,952	9,606

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



## **APPENDIX A**

### **MAPPING FROM INDUSTRIES TO INDUSTRIAL SECTORS, WITH NAICS CODES**

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

National	NAICS Classification	State Level		
Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
1	Oilseed farming	111110	1	Crop production
2	Grain farming	111130, 111140, 111150, 111160, 111190	1	
3	Vegetable and melon farming	1112	1	
4	Fruit and nut farming	11131, 11132, 111331-4, 111336, 111339, 111335	1	
5	Greenhouse, nursery, and floriculture production	111400	1	
6	Tobacco farming	111910	1	
7	Cotton farming	111920	1	
8	Sugarcane and sugar beet farming	111930, 111991	1	
9	All other crop farming	111940, 111992, 111998	1	
10	Cattle ranching and dairy farming	112100	2	Animal production
11	Poultry and egg production	112300	2	
12	Animal production, except cattle and poultry and eggs	112200, 112400, 112500, 112900	2	
13	Forestry and logging	113300, 113100, 113200	3	Forestry, fishing and agriculture support activities
14	Fishing, hunting and trapping	114100, 114200	3	
15	Agriculture and forestry support activities	115000	3	
16	Crude oil	211000 (pt.)	4	Crude oil extraction
17	Natural gas extraction	211000 (pt.)	5	Natural gas extraction
18	Coal mining	212100	6	Coal mining
19	Iron ore mining	212210	7	Metal ore mining
20	Copper, nickel, lead, and zinc mining	212230	7	
21	Gold, silver, and other metal ore mining	212220, 212290	7	
22	Stone mining and quarrying	212310	8	Nonmetallic mineral mining
23	Sand, gravel, clay and refractory mining	212320	8	
24	Other nonmetallic mineral mining	212390	8	
25	Oil and gas drilling and support activities	213111, 213112	9	Support activities for mining
26	Support activities for other mining	213113, 213114, 213115	9	
27	Electric Utilities	221100, S00101, S00202	10	Electric utilities
28	Natural gas distribution	221200	11	Natural gas distribution
29	Water, sewage and other systems	221300	12	Water, sewage and other systems
30	New residential construction	230110, 230120, 230130, 230140	13	New construction
31	New non-residential building construction	230210, 230220	13	
32	Highway, street, bridge, and tunnel construction	230230	13	
33	Water, sewer, and pipeline construction	230240	13	
34	Other new construction	230250	13	
35	Maintenance and repair of residential structures	230310	14	Maintenance and repair construction
36	Maintenance and repair of nonresidential buildings	230320,	14	
37	Maintenance and repair of infrastructure, and other nonresidential maintenance and repair	230330, 230340	14	
38	Dog and cat food	311111	16	Other foods
39	Other animal food	311119	16	
40	Flour and rice milling, and malt	311211, 311212, 311213	16	
41	Wet corn milling	311221	16	
42	Soybean and other oilseed processing	311222, 311223	16	
43	Fats and oils refining and blending	311225	16	
44	Breakfast cereals	311230	16	
45	Sugar manufacturing	311310	16	
46	Confectioneries	311320, 311330, 311340	16	
47	Frozen food	311410	16	
48	Fruit and vegetable canning and drying	311420	16	
49	Dairy products	311511, 311512, 311513, 311514, 311520	15	Dairy products, meat and seafood
50	Meat products, except poultry	311611, 311612, 311613	15	
51	Poultry processing	311615	15	

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
52	Seafood product preparation and packaging	311700	15	
53	Bakery and pasta products	311811, 311812, 311813, 311821, 311822, 311823, 311830	16	Other foods
54	Other food manufacturing, snacks, coffee, condiments, nuts, etc.	311911, 311919, 311920, 311930, 311941, 311942, 311990	16	
55	Soft drink and ice manufacturing	312110	17	Beverages
56	Breweries	312120	17	
57	Wineries	312130	17	
58	Distilleries	312140	17	
59	Tobacco products	312210, 312221, 312229	18	Tobacco
60	Fiber, yarn, and thread mills	313100	19	Textiles and textile products
61	Fabric mills	313210, 313220, 313230, 313240	19	
62	Textile and fabric finishing mills	313310, 313320	19	
63	Carpet and rug mills	314110	19	
64	Curtain and linen mills	314120	19	
65	Other textile and fabric product mills	314910, 314991, 314992, 314999	19	
66	Hosiery	315111, 315119	20	Apparel
67	Knit apparel, except hosiery	315190	20	
68	Apparel, cut and sewn	315200	20	
69	Accessories and other apparel	315900	20	
70	Shoes and other leather products	316100, 316200, 316900	21	Leather products
71	Sawmills and wood preservation	321113, 321114	22	Wood products
72	Veneer, plywood, particleboard, and engineered wood products	321211, 321212, 321213, 321214, 321219	22	
73	Millwork	321911, 321912, 321918	22	
74	Wood containers and pallets	321920	22	
75	Manufactured homes, mobile homes	321991	22	
76	Prefabricated wood buildings	321992	22	
77	Miscellaneous wood products	321999	22	
78	Pulp mills	322110	23	Paper
79	Paper and paperboard mills	322120, 322130	23	
80	Paperboard containers	322210	23	
81	Flexible packaging foil and surface coated paperboard	322225, 322226	23	
82	Paper bag and coated and treated paper	322221, 322222, 322223, 322224,	23	
83	Stationery products	322231, 322232, 322233	23	
84	Sanitary paper products	322291	23	
85	All other converted paper products	322299	23	
86	Printing	32311 all	24	Printing
87	Support activities for printing	332121, 332122	24	
88	Petroleum refineries	324110	25	Petroleum and coal products
89	Asphalt products	324121, 324122	25	
90	Lubricating and other petroleum products	324191, 324199	25	
91	Petrochemicals	325110	28	Other chemicals
92	Industrial gas	325120	28	
93	Synthetic dyes and pigments	325130	28	
94	Other basic inorganic chemicals	325180	28	
95	Other basic organic chemicals	325190	28	
96	Plastics material and resins	325211	26	Resin, synthetic rubber and fibers
97	Synthetic rubber	325212	26	
98	Cellulosic organic fibers	325221	26	
99	Noncellulosic organic fibers	325222	26	
100	Fertilizers	325311, 325312, 325314	28	Other chemicals
101	Pesticide and other agricultural chemicals	325320	28	
102	Pharmaceuticals and medicines	325400	27	Pharmaceuticals
103	Paints and coatings	325510	28	Other chemicals

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
104	Adhesives	325520	28	
105	Soaps and cleaners	325611, 325612, 325613	28	
106	Toiletries	325620	28	
107	Printing ink	325910	28	
108	Explosives	325920	28	
109	Custom compounding of purchased resins	325991	28	
110	Photographic films and chemicals	325992	28	
111	Other miscellaneous chemical products	325998	28	
112	Plastics packaging materials, film, and sheet	326110	29	Plastic products
113	Plastics pipe, fittings, and profile shapes	326120	29	
114	Laminated plastics plate, sheet, and shapes	326130	29	
115	Plastic foam products	326140, 326150	29	
116	Plastic bottles	326160	29	
117	Resilient floor coverings	326192	29	
118	All other plastics products	326191, 326199	29	
119	Tires	326210	30	Rubber products
120	Rubber and plastics hose and belting	326220	30	
121	Other rubber products	326290	30	
122	Pottery, ceramics, and plumbing fixtures	327111, 327112, 327113	31	Nonmetallic mineral products
123	Clay building materials and refractories manufacturin	327121, 327122, 327123, 327124, 327125	31	
124	Glass containers	327213	31	
125	Glass and glass products, except containers	327211, 327212, 327215	31	
126	Cement	327310	31	
127	Ready-mix concrete	327320	31	
128	Concrete products	327331, 327332, 327390	31	
129	Lime	327410	31	
130	Gypsum products	327420	31	
131	Abrasive products	327910	31	
132	Cut stone and stone products	327991	31	
133	Other nonmetallic mineral products	327992, 327993, 327999	31	
134	Primary ferrous metal products	331111, 331112, 331210, 331221, 331222	32	Iron and steel
135	Primary aluminum production	331311, 331312, 331314,	33	Nonferrous metals
136	Aluminum products	331315, 331316, 331319	33	
137	Primary copper	331411	33	
138	Nonferrous metal products, exopt copper and aluminum	331419	33	
139	Copper products	331421, 331422, 331423	33	
140	Nonferrous metal processing except copper and aluminum	331491, 331492	33	
141	Ferrous metal foundaries	331510	32	Iron and steel
142	Aluminum foundries	331521, 331524	33	Nonferrous metals
143	Nonferrous foundries, except aluminum	331522, 331525, 331528	33	
144	Iron and steel forging	332111	34	Fabricated metal products
145	Nonferrous forging	332112	34	
146	Custom roll and stampings	332114	34	
147	All other forging and stamping	332115, 332116, 332117	34	
148	Cutlery and flatware	332211	34	
149	Hand and edge tools, saws and sawblades	332212, 332213	34	
150	Kitchen utensils, pots and pans	332214	34	
151	Architectural and structural metal products	332311, 332312, 332313, 332321, 332322, 332323	34	
152	Power boilers and heat exchangers	332410	34	
153	Metal tank (heavy gauge) manufacturing	332420	34	
154	Metal cans, boxes, and other containers	332430	34	
155	Hardware, spring, and wire products	332500, 332600	34	

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
156	Machine shops, screws, nuts, bolts, turned products	332710, 332720	34	
157	Metal coating, engraving, heat treating, and allied activities	332811, 332812, 332813	34	
158	Metal valves	332910	34	
159	Ball and roller bearings	332991	34	
160	Small arms	332994	34	
161	Other ordnance and accessories	332995	34	
162	Other miscellaneous fabricated metal products	332996, 332997, 332998, 332999	34	
163	Ammunition	332992, 332993	34	
164	Farm, lawn and garden machinery and equipment	333111, 333112	35	Agriculture, construction and mining machinery
165	Construction machinery	333120	35	
166	Mining, oil and gas field machinery and equipment	333131, 333132	35	
167	Sawmill and woodworking machinery	333210	36	Industrial machinery
168	Plastics and rubber industry machinery	333220	36	
169	Paper industry machinery	333291	36	
170	Textile machinery	333292	36	
171	Printing machinery and equipment	333293	36	
172	Food product machinery	333294	36	
173	Semiconductor machinery	333295	36	
174	All other industrial machinery	333298	36	
175	Office machinery	333313	37	Commercial and service industry machinery
176	Optical instruments and lenses	333314	37	
177	Photographic and photocopying equipment	333315	37	
178	Other commercial and service industry machinery	333319	37	
179	Automatic vending, commercial laundry and drycleaning machinery	333311, 333312	37	
180	Air purification and ventilation equipment	333411, 333412	38	Ventilation, heating, air-conditioning and ventilation equipment
181	Heating equipment, except warm air furnaces	333414	38	
182	AC, refrigeration, and forced air heating	333415	38	
183	Industrial mold manufacturing	333511	39	Metalworking machinery
184	Metal cutting and forming machine tool	333512, 333513	39	
185	Special tools, dies, jigs, fixtures, cutting tools, machine tool accessories	333514, 333515	39	
186	Rolling mill and other metalworking machinery	333516, 333518	39	
187	Turbine and turbine generator set units	333611	40	Engine, turbine and power transmission equipment
188	Other engine equipment manufacturing	333618	40	
189	Speed changers and mechanical power transmission equipment	333612, 333518	40	
190	Pump and compressor manufacturing	333911, 333912, 333913	41	Other general purpose machinery
191	Elevators and moving stairways	333921	41	
192	Conveyor and conveying equipment	333922	41	
193	Industrial cranes, hoists, trucks and trailers	333923, 333924	41	
194	Power-driven handtools	333991	41	
195	Welding and soldering equipment	333992	41	
196	Packaging machinery	333993	41	
197	Industrial process furnaces and ovens	333994	41	
198	Fluid power equipment	333995, 333996	41	
199	Scales, balances, and miscellaneous general purpose machinery	333997, 333999	41	
200	Electronic computers	334111	42	Computers and peripheral equipment
201	Computer storage devices	334112	42	
202	Computer terminals	334113	42	
203	Other computer peripheral equipment	334119	42	
204	Telephone apparatus	334210	43	Communications and audio-video equipment
205	Broadcast and wireless communications equipment	334220	43	
206	Other communications equipment	334290	43	
207	Audio and video equipment	334300	43	

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
208	Semiconductors and electron tubes	334411, 334413	44	Semiconductors and other electronic components
209	All other electronic components	334412, 334414, 334415, 334416, 334417, 334418, 334419	44	
210	Electromedical apparatus	334510	45	Electromedical and electrotherapeutic apparatusw
211	Search, detection, and navigation instruments	334511	46	Search, detection and navigation equipment
212	Measuring devices and controls	334512, 334513, 334514	47	Measuring and control instruments
213	Electricity and signal testing instruments	334515	47	
214	Analytical laboratory instruments	334516	47	
215	Irradiation apparatus	334517	45	Electromedical and electrotherapeutic apparatusw
216	Watches, clocks, and other measuring and controlling devices	334518, 334519	47	Measuring and control instruments
217	Software, audio, and video media reproduction	334611, 334612	48	Magnetic and optical media
218	Magnetic and optical recording media manufacturing	334613	48	
219	Electric lamp bulb and part manufacturing	335110	51	Other electrical equipment and components
220	Lighting fixtures	335120	51	
221	Electric housewares, fans and vacuum cleaners	335211, 335212	49	Household appliances
222	Household cooking appliances	335221	49	
223	Household refrigerators and home freezers	335222	49	
224	Household laundry equipment	335224	49	
225	Other major household appliances	335228	49	
226	Electric power and specialty transformers	335311	50	Electrical equipment
227	Motors and generators	335312	50	
228	Switchgear and switchboard apparatus	335313	50	
229	Relays and industrial controls	335314	50	
230	Storage batteries	335911	51	Other electrical equipment and components
231	Primary batteries	335912	51	
232	Fiber optic and other cable	335921, 335929	51	
233	Wiring devices	335930	51	
234	Carbon and graphite and miscellaneous electrical equipment	335991, 335999	51	
235	Automobiles and light trucks	336110	52	Motor vehicles
236	Heavy duty trucks	336120	52	
237	Motor vehicle bodies	336211	52	
238	Truck trailers	336212	52	
239	Motor homes, travel trailers and campers	336213, 336214	52	
240	Motor vehicle parts	336300	53	Motor vehicle parts
241	Aircraft	336411	54	Aerospace products and parts
242	Aircraft engines and engine parts	336412	54	
243	Other aircraft parts and equipment	336413	54	
244	Guided missiles and space vehicles	336414	54	
245	Propulsion units and parts for space vehicles and guided missiles	336415, 336419	54	
246	Railroad rolling stock	336500	56	Other transportation equipment
247	Ship building and repairing	336611	55	Ship and boat building
248	Boat building	336612	55	
249	Motorcycle, bicycle, and parts	336991	56	Other transportation equipment
250	Military armored vehicles and tank parts	336992	56	
251	All other transportation equipment	336999	56	
252	Wood kitchen cabinets and countertops	337110	57	Furniture
253	Household and institutional furniture	337121, 337122, 337124, 337125, 337127, 337129	57	
254	Office furniture (including fixtures)	337211, 337212, 337214, 337215	57	
255	Mattresses, blinds and shades	337910, 337920	57	
256	Laboratory apparatus and furniture	339111	58	Medical equipment and supplies, dental labs
257	Surgical and medical instruments	339112	58	
258	Surgical appliance and supplies	339113	58	
259	Dental equipment and supplies	339114	58	

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
260	Ophthalmic goods	339115	59	Ophthalmic goods
261	Dental laboratories	339116	58	Medical equipment and supplies, dental labs
262	Jewelry and silverware	339910	60	Miscellaneous manufacturing
263	Toys and sporting goods	339920, 339930	60	
264	Office supplies, except paper	339940	60	
265	Sign manufacturing	339950	60	
266	Gasket, packing, and sealing devices	339991	60	
267	Musical instruments	339992	60	
268	Other miscellaneous manufacturing	339993, 339994, 339995, 339999	60	
269	Wholesale trade	42 all	61	Wholesale trade
270	Retail trade	44, 45 all	62	Retail trade
271	Air transportation	481000	63	Air transportation
272	Rail transportation	482000	64	Rail transportation
273	Water transportation	483000	65	Water transportation
274	Truck transportation	484000	66	Truck transportation
275	Transit and ground passenger transportation (includes S&L government)	485000, S00201	67	Transit and ground passenger transportation
276	Pipeline transportation	486000	68	Pipeline transportation
277	Support activities for transportation and sightseeing	487000, 488000	69	Transportation support, sightseeing, couriers
278	Couriers and messengers	492000	69	
279	Warehousing and storage	493000	70	Warehousing and storage
280	Newspaper publishers	511110	71	Publishing, except software
281	Periodical publishers	511120	71	
282	Book publishers	511130	71	
283	Database, directory, and other publishers	511140, 51119	71	
284	Software publishers	5112	72	Software
285	Motion picture and video industries	5121	73	Motion picture and sound recording
286	Sound recording industries	5122	73	
287	Radio and television broadcasting	5131	74	Broadcasting: Cable, TV and radio
288	Cable networks and program distribution	5132	74	
289	Telecommunications	5133	75	Telecommunications
290	Information services	514100	76	Information and data processing
291	Data processing services	514200	76	
292	Banks, savings institutions, and credit unions	521, 5221	77	Banks, credit cards and finance
293	Credit cards and finance companies	5222, 5223	77	
294	Securities, commodity contracts, investments	523	78	Securities, investments, funds and trusts
295	Insurance	5241, 5242	79	Insurance
296	Funds, trusts, and other financial vehicles	525	78	Securities, investments, funds and trusts
297	Real estate	531	80	Real estate
298	Owner-occupied dwellings	S00800	81	Owner-occupied dwellings
299	Automotive equipment rental and leasing	5321	82	Rental and leasing of goods
300	Video tape and disc rental	532230	82	
301	Machinery and equipment rental and leasing	532400	82	
302	Rental of other goods	53221, 53222, 53229, 5323	82	
303	Lessors of nonfinancial intangible assets (royalties)	533	83	Royalties
304	Legal services	5411	84	Legal services
305	Accounting and bookkeeping	5412	85	Professional, scientific and technical services
306	Architectural and engineering services	5413	85	
307	Specialized design services	5414	85	
308	Custom computer programming	541511	86	Computer systems design and related services
309	Computer systems design services	541512	86	
310	Other computer related services, including facilities management	541513, 541519	86	
311	Management consulting	541610	85	Professional, scientific and technical services

## *Mapping From Industries to Industrial Sectors, with NAICS Codes*

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
312	Environmental and other technical consulting services	541620, 541690	85	
313	Scientific research and development	5417	85	
314	Advertising and related services	5418	85	
315	Photographic services	541920	85	
316	Veterinary services	541940	85	
317	All other miscellaneous professional and technical services	54191, 54193, 54199	85	
318	Management of companies and enterprises	550000	87	Management of companies and enterprises
319	Office administrative services	5611	88	Administrative and support services
320	Facilities support services	5612	88	
321	Employment services	5613	88	
322	Business support services	5614	88	
323	Travel arrangement and reservation services	5615	88	
324	Investigation and security services	5616	88	
325	Services to buildings and dwellings	5617	88	
326	Other support services	5619	88	
327	Waste management and remediation services	562	89	Waste management and remediation
328	Elementary and secondary schools	611100	90	Educational services
329	Colleges, universities, and junior colleges	6112, 6113	90	
330	Other educational services	6114, 6115, 6116, 6117	90	
331	Home health care services	621600	91	Home health care services
332	Offices of physicians, dentists, and other health practioners	6211, 6212, 6213	92	Offices of physicians, dentists, and other health practioners
333	Other ambulatory health care services	6214, 6215, 6219	93	Other ambulatory health care services
334	Hospitals	622	94	Hospitals
335	Nursing and residential care facilities	623	95	Nursing and residential care facilities
336	Child day care services	6244	96	Child care and social assistance
337	Social assistance, except child day care services	6241, 6242, 6243	96	
338	Performing arts, spectator sports, museums & related activities	7111, 7112, 7113, 7114, 7115	97	Performing arts, spectator sports and museums
339	Amusements, gambling, & recreation activities	7131, 7132, 7139	98	Amusements, gambling and recreation
340	Hotels and other accommodation	721	99	Accomodation
341	Food services & drinking places	722	100	Food services and drinking places
342	Automotive repair, maintenance and car washes	8111	101	Automotive repair and maintenance
343	Electronic equipment repair & maintenance	8112	102	Other repair and maintenance, personal services
344	Commercial machinery repair & maintenance	8113	102	
345	Household goods repair & maintenance	8114	102	
346	Personal care services	8121	102	
347	Death care services	8122	102	
348	Drycleaning & laundry services	8123	102	
349	Other personal services	8129	102	
350	Religious, grantmaking, civic & professional organizations	813	103	Religious, grantmaking and other organizations
351	Private households	814	104	Private households
352	Postal service	491	105	Postal service and federal government enterprises
353	Other federal government enterprises (except post office and electric utilities)	S00102	105	
354	Other state and local government enterprises (except electric utilities and transit)	S00203	106	State and local government enterprises
355	General government industry	S00500	107	General government industry
356	Noncomparable imports	S00300	108	Noncomparable imports
357	Scrap	S00401	109	Scrap, used and secondhand
358	Used and secondhand goods	S00402	109	
359	Rest of the world adjustment to final uses	S00600	110	Rest of the world adjustment to final uses
360	Inventory valuation adjustment	S00700	111	Inventory valuation adjustment

**APPENDIX B**  
**PROJECTIONS FOR 360 INDUSTRIES**

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### 1 Oilseed farming

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	47	46	43	44	43	44
Indirect Purchases	76	73	68	67	68	69
Total:	124	119	111	111	111	112

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### 2 Grain farming

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	0	0
Indirect Purchases	212	209	196	198	205	211
Total:	213	210	196	198	206	211

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### 3 Vegetable and melon farming

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	60	58	51	50	50	49
Total:	60	58	51	50	50	49

Note: Numbers may not add due to rounding

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#### 4 Fruit and nut farming

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	1	1	1
Indirect Purchases	40	39	33	32	32	32
Total:	41	40	35	34	34	33

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#### 5 Greenhouse, nursery, and floriculture production

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	2	2
Indirect Purchases	222	212	191	188	185	184
Total:	224	214	193	190	187	186

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#### 6 Tobacco farming

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	0	0	0	0	0	0
Total:	0	0	0	0	0	0

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Note: Numbers may not add due to rounding

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**7 Cotton farming**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	61	57	50	49	49	48
Total:	61	57	50	49	49	48

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**8 Sugarcane and sugar beet farming**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	11	11	10	9	9	9
Total:	11	11	10	9	9	9

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**9 All other crop farming**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1	1	1	1	1	1
Indirect Purchases	109	108	101	101	103	106
Total:	110	109	102	102	104	107

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Note: Numbers may not add due to rounding

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**10 Cattle ranching and dairy farming**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12	12	11	10	11	11
Indirect Purchases	940	913	838	822	822	839
Total:	952	924	849	832	832	850

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**11 Poultry and egg production**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	26	26	24	23	23	24
Indirect Purchases	90	85	76	75	75	75
Total:	116	111	100	98	98	99

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**12 Animal production, except cattle and poultry and eggs**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	81	99	119	145	189	208
Indirect Purchases	350	344	321	318	322	330
Total:	431	443	440	463	511	538

Note: Numbers may not add due to rounding

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### 13 Forestry and logging

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	920	875	825	801	772	744
Total:	921	875	826	802	772	745

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### 14 Fishing, hunting and trapping

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	108	102	91	90	89	89
Total:	109	103	92	91	90	90

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### 15 Agriculture and forestry support activities

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	52	49	43	43	42	42
Indirect Purchases	280	268	250	245	240	236
Total:	332	318	293	287	282	278

Note: Numbers may not add due to rounding

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**16 Crude oil and natural gas extraction**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	76	90	62	56	57	53
Indirect Purchases	8,553	8,081	7,014	6,814	6,679	6,535
Total:	8,630	8,171	7,076	6,869	6,736	6,588

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**17 Reserved (for natural gas)**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	2,378	2,241	1,975	1,926	1,891	1,860
Total:	2,378	2,241	1,975	1,926	1,891	1,860

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**18 Coal mining**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5	5	4	4	4	4
Indirect Purchases	853	794	706	688	681	667
Total:	858	799	710	693	686	671

Note: Numbers may not add due to rounding

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**19 Iron ore mining**(Millions of 2009 dollars)

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**2008                  2009                  2010                  2011                  2012                  2013**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	127	116	106	101	99	94
Total:	127	116	106	101	99	94

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**20 Copper, nickel, lead, and zinc mining**(Millions of 2009 dollars)

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**2008                  2009                  2010                  2011                  2012                  2013**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	0	0	0	0	0
Indirect Purchases	96	88	81	79	78	77
Total:	96	88	81	79	78	77

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**21 Gold, silver, and other metal ore mining**(Millions of 2009 dollars)

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**2008                  2009                  2010                  2011                  2012                  2013**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	5	4	4	4	3	3
Indirect Purchases	71	64	60	57	55	53
Total:	76	68	64	61	59	56

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*Note: Numbers may not add due to rounding*

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## 22 Stone mining and quarrying

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	16	15	13	13	13	13
Indirect Purchases	138	133	123	120	116	113
Total:	154	149	136	133	129	125

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## 23 Sand, gravel, clay and refractory mining

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	2	2	2	2
Indirect Purchases	107	105	99	96	92	88
Total:	110	108	101	99	94	90

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## 24 Other nonmetallic mineral mining

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	117	113	106	104	103	101
Total:	117	114	106	104	103	101

Note: Numbers may not add due to rounding

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**25 Oil and gas drilling and support activities**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	3	3	3	2	2
Indirect Purchases	128	122	108	106	106	105
Total:	131	125	110	109	108	107

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**26 Support activities for other mining**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7	7	6	6	6	6
Indirect Purchases	21	20	18	17	17	16
Total:	28	26	23	23	22	22

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**27 Electric Utilities**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7,913	7,310	6,236	6,118	6,082	5,988
Indirect Purchases	5,656	5,311	4,775	4,663	4,580	4,509
Total:	13,568	12,621	11,011	10,781	10,663	10,498

Note: Numbers may not add due to rounding

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**28 Natural gas distribution**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	943	873	752	742	736	733
Indirect Purchases	1,672	1,587	1,455	1,424	1,400	1,381
Total:	2,615	2,461	2,207	2,166	2,136	2,114

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**29 Water, sewage and other systems**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,108	1,025	877	865	858	854
Indirect Purchases	434	412	377	370	363	361
Total:	1,542	1,437	1,255	1,234	1,221	1,216

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**30 New residential construction**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	470	469	464	461	461	452
Total:	470	469	464	461	461	452

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*Note: Numbers may not add due to rounding*

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**31 New non-residential building construction**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12,737	13,846	14,003	13,496	12,119	10,975
Total:	12,737	13,846	14,003	13,496	12,119	10,975

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**32 Highway, street, bridge, and tunnel construction**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	641	601	540	539	527	514
Total:	641	601	540	539	527	514

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**33 Water, sewer, and pipeline construction**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	308	306	299	301	297	289
Total:	308	306	299	301	297	289

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Note: Numbers may not add due to rounding

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**34 Other new construction**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,136	1,131	1,075	1,068	1,027	978
Total:	1,136	1,131	1,075	1,068	1,027	978

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**35 Maintenance and repair of residential structures**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	475	447	398	397	391	384
Indirect Purchases	126	120	109	107	106	105
Total:	601	567	507	505	496	489

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**36 Maintenance and repair of nonresidential buildings**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,081	4,493	4,555	4,349	3,833	3,433
Indirect Purchases	2,121	2,007	1,834	1,790	1,753	1,732
Total:	6,202	6,500	6,389	6,139	5,586	5,165

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Note: Numbers may not add due to rounding

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**37 Maintenance and repair of infrastructure, and other nonresidential maintenance and repair**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	853	801	709	709	697	683
Indirect Purchases	559	528	472	465	461	459
Total:	1,412	1,329	1,180	1,174	1,158	1,143

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**38 Dog and cat food**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	1	1	1	1	1	1
Total:	1	1	1	1	1	1

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**39 Other animal food**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	164	163	156	159	167	172
Total:	164	164	156	159	167	172

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*Note: Numbers may not add due to rounding*

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**40 Flour and rice milling, and malt**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	28	27	25	24	25	25
Total:	29	27	25	25	25	25

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**41 Wet corn milling**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	32	30	28	27	27	27
Total:	32	30	28	27	27	27

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**42 Soybean and other oilseed processing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	80	78	73	73	75	76
Total:	80	78	73	73	75	76

Note: Numbers may not add due to rounding

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**43 Fats and oils refining and blending**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	30	29	26	25	25	25
Total:	31	30	27	26	26	26

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**44 Breakfast cereals**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	6	6	5	5	5	5
Total:	6	6	5	5	5	5

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**45 Sugar manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	24	23	21	21	21	21
Total:	24	23	21	21	21	21

Note: Numbers may not add due to rounding

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**46 Confectioneries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	2	1	1	1	1
Indirect Purchases	33	31	27	27	27	27
Total:	34	32	29	28	28	28

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**47 Frozen food**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	2	2
Indirect Purchases	46	43	39	38	38	38
Total:	48	46	41	40	40	40

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**48 Fruit and vegetable canning and drying**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	30	40	23	19	20	17
Indirect Purchases	70	67	59	58	58	58
Total:	100	107	82	77	78	75

Note: Numbers may not add due to rounding

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**49 Dairy products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	82	81	75	73	73	75
Indirect Purchases	254	241	216	213	211	211
Total:	337	322	290	285	284	286

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**50 Meat products, except poultry**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	926	907	842	823	825	851
Indirect Purchases	432	418	381	375	375	379
Total:	1,358	1,325	1,223	1,199	1,201	1,230

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**51 Poultry processing**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	114	108	96	95	94	94
Total:	114	108	96	95	94	94

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Note: Numbers may not add due to rounding

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**52 Seafood product preparation and packaging**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	72	68	62	61	60	60
Total:	73	69	62	61	61	61

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**53 Bakery and pasta products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	4	2	2	2	2
Indirect Purchases	174	165	148	146	145	145
Total:	178	169	151	148	147	147

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**54 Other food manufacturing, snacks, coffee, condiments, nuts, etc.**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	17	20	12	10	11	10
Indirect Purchases	289	274	244	240	239	239
Total:	306	294	256	251	249	248

Note: Numbers may not add due to rounding

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**55 Soft drink and ice manufacturing**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	35	33	29	28	28	29
Indirect Purchases	83	78	70	69	68	68
Total:	117	111	99	97	96	97

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**56 Breweries**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	49	47	42	41	41	41
Total:	50	47	42	41	41	41

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**57 Wineries**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	43	40	36	36	35	35
Total:	43	40	36	36	35	35

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*Note: Numbers may not add due to rounding*

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**58 Distilleries**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	50	48	44	44	43	44
Total:	50	48	44	44	43	44

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**59 Tobacco products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	1	1
Indirect Purchases	0	0	0	0	0	0
Total:	2	2	2	2	2	2

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**60 Fiber, yarn, and thread mills**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	185	173	149	147	145	142
Total:	186	174	150	148	145	143

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*Note: Numbers may not add due to rounding*

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**61 Fabric mills**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	50	50	47	46	46	46
Indirect Purchases	527	494	429	421	418	411
Total:	577	543	476	467	464	456

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**62 Textile and fabric finishing mills**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	61	68	57	55	56	54
Indirect Purchases	185	169	150	146	142	137
Total:	246	237	208	201	198	191

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**63 Carpet and rug mills**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	11	12	12	10	9
Indirect Purchases	131	126	119	116	112	110
Total:	140	138	131	128	123	119

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*Note: Numbers may not add due to rounding*

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**64 Curtain and linen mills**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	9	8	8	7	7
Indirect Purchases	26	24	21	21	21	21
Total:	36	33	30	29	28	27

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**65 Other textile and fabric product mills**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	634	564	440	434	425	422
Indirect Purchases	297	265	237	231	231	226
Total:	932	830	677	665	656	648

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**66 Hosiery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	20	21	21	21	21	22
Indirect Purchases	1	1	1	1	1	2
Total:	21	23	22	22	23	23

Note: Numbers may not add due to rounding

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**67 Knit apparel, except hosiery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	30	33	31	31	32	32
Total:	30	33	31	31	32	32

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**68 Apparel, cut and sewn**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	962	974	877	879	892	889
Indirect Purchases	256	244	217	214	213	212
Total:	1,218	1,218	1,094	1,093	1,105	1,101

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**69 Accessories and other apparel**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	858	742	556	550	547	540
Indirect Purchases	20	17	14	14	14	14
Total:	878	759	571	564	561	553

Note: Numbers may not add due to rounding

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**70 Shoes and other leather products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	322	346	326	330	337	337
Indirect Purchases	231	216	190	186	185	183
Total:	553	562	516	516	522	520

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**71 Sawmills and wood preservation**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	805	764	723	695	662	630
Total:	806	765	724	696	663	631

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**72 Veneer, plywood, particleboard, and engineered wood products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	4	2	2	2	2
Indirect Purchases	335	340	330	322	302	286
Total:	338	344	333	324	304	287

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*Note: Numbers may not add due to rounding*

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**73 Millwork**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	361	359	348	336	315	297
Total:	362	361	349	337	316	298

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**74 Wood containers and pallets**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	91	86	81	81	80	79
Indirect Purchases	134	128	117	116	115	114
Total:	225	214	198	197	194	193

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**75 Manufactured homes, mobile homes**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11	12	13	13	13	12
Total:	11	12	13	13	13	12

Note: Numbers may not add due to rounding

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**76 Prefabricated wood buildings**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	8	8	7	7	7
Indirect Purchases	78	82	80	78	72	67
Total:	86	89	88	85	79	73

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**77 Miscellaneous wood products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	11	11	11	10	9
Indirect Purchases	96	94	89	87	83	79
Total:	106	105	100	97	92	88

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**78 Pulp mills**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	156	148	136	132	129	128
Total:	156	149	136	132	129	128

Note: Numbers may not add due to rounding

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**79 Paper and paperboard mills**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	1	1	1	1
Indirect Purchases	1,931	1,845	1,692	1,646	1,617	1,597
Total:	1,933	1,847	1,693	1,647	1,618	1,598

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**80 Paperboard containers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	6	5	4	4	4
Indirect Purchases	796	752	683	664	650	639
Total:	804	759	688	668	654	643

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**81 Flexible packaging foil and surface coated paperboard**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	3	3	3	3
Indirect Purchases	23	21	19	19	19	19
Total:	26	25	22	22	22	22

Note: Numbers may not add due to rounding

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**82 Paper bag and coated and treated paper**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	45	44	41	40	40	41
Indirect Purchases	412	398	371	362	356	352
Total:	457	442	411	402	396	393

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**83 Stationery products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12	11	9	9	9	8
Indirect Purchases	131	125	115	113	111	111
Total:	143	136	124	122	120	119

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**84 Sanitary paper products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	7	5	4	4	4
Indirect Purchases	28	27	24	24	24	24
Total:	36	33	29	28	28	28

Note: Numbers may not add due to rounding

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**85 All other converted paper products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5	4	4	4	4	4
Indirect Purchases	48	46	42	41	40	40
Total:	52	50	46	45	44	43

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**86 Printing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,024	3,993	3,782	3,703	3,708	3,702
Indirect Purchases	1,988	1,834	1,628	1,559	1,502	1,464
Total:	6,013	5,827	5,410	5,263	5,209	5,165

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**87 Support activities for printing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	9	8	8	8	8
Indirect Purchases	245	236	218	213	209	207
Total:	254	244	226	221	217	215

Note: Numbers may not add due to rounding

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**88 Petroleum refineries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	399	542	307	248	263	229
Indirect Purchases	11,072	10,331	9,148	8,932	8,727	8,566
Total:	11,471	10,873	9,455	9,180	8,990	8,795

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**89 Asphalt products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	18	15	11	10	10	10
Indirect Purchases	340	339	321	314	298	286
Total:	358	354	332	324	308	296

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**90 Lubricating and other petroleum products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	20	22	18	18	18	18
Indirect Purchases	251	235	215	208	202	195
Total:	271	257	233	227	220	213

Note: Numbers may not add due to rounding

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**91 Petrochemicals**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6	5	3	3	3	3
Indirect Purchases	927	882	811	795	787	778
Total:	933	887	814	798	789	781

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**92 Industrial gas**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13	14	10	9	9	9
Indirect Purchases	184	178	167	165	164	164
Total:	198	192	176	174	173	173

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**93 Synthetic dyes and pigments**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	3	3	3	2
Indirect Purchases	179	170	157	153	151	149
Total:	182	173	160	156	154	151

Note: Numbers may not add due to rounding

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**94 Other basic inorganic chemicals**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	17	17	14	13	13	13
Indirect Purchases	721	695	651	634	625	617
Total:	738	711	664	648	638	630

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**95 Other basic organic chemicals**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13	11	9	9	8	8
Indirect Purchases	1,887	1,803	1,661	1,614	1,585	1,559
Total:	1,900	1,815	1,670	1,623	1,593	1,567

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**96 Plastics material and resins**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12	11	9	9	9	9
Indirect Purchases	1,501	1,416	1,300	1,271	1,249	1,226
Total:	1,512	1,427	1,309	1,280	1,258	1,235

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*Note: Numbers may not add due to rounding*

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**97 Synthetic rubber**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	2	2	2	2	2
Indirect Purchases	197	174	160	153	151	147
Total:	200	177	162	155	153	148

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**98 Cellulosic organic fibers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	18	17	15	15	15	15
Total:	18	17	15	15	15	15

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**99 Noncellulosic organic fibers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	0
Indirect Purchases	209	194	168	165	162	159
Total:	210	195	169	165	162	160

Note: Numbers may not add due to rounding

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**100 Fertilizers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	290	284	265	260	253	249
Total:	291	285	266	260	253	249

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**101 Pesticide and other agricultural chemicals**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	3	3	2	2	2
Indirect Purchases	94	90	83	82	82	82
Total:	97	94	86	84	84	84

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**102 Pharmaceuticals and medicines**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	580	548	495	494	495	502
Indirect Purchases	380	358	319	313	313	319
Total:	961	906	814	807	808	821

Note: Numbers may not add due to rounding

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**103 Paints and coatings**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	24	23	22	24	27	28
Indirect Purchases	572	540	508	495	491	474
Total:	595	564	531	519	518	502

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**104 Adhesives**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	8	8	7	6	6
Indirect Purchases	430	442	417	409	430	418
Total:	440	450	425	416	437	424

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**105 Soaps and cleaners**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5	4	3	3	3	3
Indirect Purchases	567	582	546	537	567	555
Total:	572	587	549	540	570	558

Note: Numbers may not add due to rounding

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**106 Toiletries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	6	7	6	6	6	6
Total:	7	7	6	6	6	6

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**107 Printing ink**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	211	204	190	185	183	181
Total:	212	205	190	186	183	181

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**108 Explosives**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	487	477	458	451	447	470
Indirect Purchases	213	211	206	195	195	194
Total:	699	688	664	646	642	664

Note: Numbers may not add due to rounding

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**109 Custom compounding of purchased resins**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	4	4	3	3	3
Indirect Purchases	360	350	331	330	326	325
Total:	364	354	335	333	329	328

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**110 Photographic films and chemicals**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7	7	6	6	6	5
Indirect Purchases	212	206	192	190	187	185
Total:	219	213	198	196	193	191

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**111 Other miscellaneous chemical products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	289	279	258	251	243	250
Indirect Purchases	279	270	252	246	243	239
Total:	568	549	510	497	486	490

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*Note: Numbers may not add due to rounding*

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**112 Plastics packaging materials, film, and sheet**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	22	22	19	19	19	19
Indirect Purchases	580	548	500	490	480	475
Total:	602	570	520	509	499	494

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**113 Plastics pipe, fittings, and profile shapes**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13	12	12	12	12	12
Indirect Purchases	302	287	266	260	253	247
Total:	315	299	278	272	265	259

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**114 Laminated plastics plate, sheet, and shapes**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	3	3	2	2
Indirect Purchases	76	73	67	67	66	66
Total:	79	76	70	69	69	68

Note: Numbers may not add due to rounding

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**115 Plastic foam products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6	5	5	4	4	4
Indirect Purchases	243	229	208	205	201	199
Total:	248	235	213	209	205	203

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**116 Plastic bottles**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	89	86	78	77	77	77
Total:	89	86	78	77	77	77

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**117 Resilient floor coverings**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	2	2	2	1
Indirect Purchases	53	54	53	51	48	45
Total:	54	56	54	53	49	46

Note: Numbers may not add due to rounding

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**118 All other plastics products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	72	63	53	51	50	47
Indirect Purchases	1,972	1,885	1,750	1,713	1,669	1,643
Total:	2,045	1,948	1,802	1,764	1,718	1,690

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**119 Tires**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	328	238	225	204	196	174
Indirect Purchases	408	342	309	291	284	272
Total:	736	580	534	495	479	446

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**120 Rubber and plastics hose and belting**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7	7	6	6	7	7
Indirect Purchases	93	79	72	68	67	64
Total:	100	86	79	75	74	70

Note: Numbers may not add due to rounding

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**121 Other rubber products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	37	31	28	27	27	25
Indirect Purchases	483	431	403	391	388	386
Total:	520	462	431	418	416	410

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**122 Pottery, ceramics, and plumbing fixtures**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	53	52	48	47	47	48
Indirect Purchases	55	51	48	47	46	44
Total:	108	103	96	94	93	92

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**123 Clay building materials and refractories manufacturin**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11	10	10	11	10	10
Indirect Purchases	150	149	143	138	130	123
Total:	161	160	153	149	141	133

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*Note: Numbers may not add due to rounding*

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**124 Glass containers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	22	21	19	18	18	18
Total:	22	21	19	18	18	18

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**125 Glass and glass products, except containers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	61	53	41	39	39	39
Indirect Purchases	1,198	1,153	1,091	1,051	1,010	981
Total:	1,258	1,206	1,132	1,090	1,049	1,020

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**126 Cement**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	146	148	142	138	129	122
Total:	147	149	142	138	130	122

Note: Numbers may not add due to rounding

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**127 Ready-mix concrete**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	1	1	1
Indirect Purchases	233	237	228	221	207	195
Total:	235	238	229	223	208	196

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**128 Concrete products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7	7	6	7	6	6
Indirect Purchases	293	293	279	273	260	249
Total:	301	300	286	280	266	256

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**129 Lime**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	34	32	29	28	27	26
Total:	34	32	29	28	27	26

Note: Numbers may not add due to rounding

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**130 Gypsum products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	2	2
Indirect Purchases	82	84	81	79	74	70
Total:	84	85	82	80	75	71

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**131 Abrasive products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	60	51	47	43	41	40
Indirect Purchases	339	338	318	312	322	314
Total:	399	390	365	355	363	354

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**132 Cut stone and stone products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	28	30	31	30	27	24
Total:	29	32	32	30	28	25

Note: Numbers may not add due to rounding

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**133 Other nonmetallic mineral products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	3	3	3	3
Indirect Purchases	146	141	131	130	130	129
Total:	149	144	134	134	133	132

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**134 Primary ferrous metal products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	143	133	105	101	93	87
Indirect Purchases	5,811	5,330	4,916	4,698	4,632	4,398
Total:	5,954	5,464	5,021	4,799	4,725	4,484

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**135 Primary aluminum production**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	15	14	13	13	13	13
Indirect Purchases	1,787	1,592	1,498	1,441	1,411	1,363
Total:	1,802	1,607	1,511	1,455	1,424	1,377

Note: Numbers may not add due to rounding

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**136 Aluminum products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32	27	20	19	19	18
Indirect Purchases	2,941	2,542	2,393	2,286	2,243	2,163
Total:	2,973	2,568	2,413	2,305	2,262	2,181

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**137 Primary copper**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	357	324	299	282	268	252
Total:	357	324	299	282	268	252

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**138 Nonferrous metal products, except copper and aluminum**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	548	517	487	477	473	464
Total:	549	518	487	477	473	465

Note: Numbers may not add due to rounding

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**139 Copper products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6	7	8	8	9	9
Indirect Purchases	1,367	1,246	1,156	1,080	1,018	938
Total:	1,373	1,253	1,164	1,089	1,027	947

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**140 Nonferrous metal processing except copper and aluminum**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	10	8	9	10	8
Indirect Purchases	685	624	570	563	569	576
Total:	695	633	578	572	579	584

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**141 Ferrous metal foundaries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	26	26	23	23	22	22
Indirect Purchases	679	606	557	539	531	515
Total:	705	632	580	561	553	536

Note: Numbers may not add due to rounding

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**142 Aluminum foundries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	0	0	0	0
Indirect Purchases	693	628	584	565	552	533
Total:	694	629	584	566	552	533

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**143 Nonferrous foundries, except aluminum**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	217	196	182	177	172	166
Total:	218	198	184	178	173	167

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**144 Iron and steel forging**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	43	39	33	32	31	30
Indirect Purchases	383	348	326	318	310	297
Total:	426	388	359	350	341	327

Note: Numbers may not add due to rounding

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**145 Nonferrous forging**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	9	8	8	8	7
Indirect Purchases	308	293	279	280	279	283
Total:	319	302	287	287	287	290

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**146 Custom roll and stampings**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	453	448	431	432	421	419
Total:	455	449	433	433	422	421

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**147 All other forging and stamping**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	8	7	7	6	6
Indirect Purchases	606	587	557	549	540	535
Total:	615	595	564	556	547	541

Note: Numbers may not add due to rounding

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**148 Cutlery and flatware**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11	11	10	10	9	9
Indirect Purchases	23	21	19	19	19	19
Total:	34	33	29	28	28	27

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**149 Hand and edge tools, saws and sawblades**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	118	95	67	65	63	61
Indirect Purchases	150	143	133	132	131	130
Total:	268	238	200	197	193	191

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**150 Kitchen utensils, pots and pans**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	88	80	69	70	72	75
Total:	89	81	70	71	73	76

Note: Numbers may not add due to rounding

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**151 Architectural and structural metal products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	201	200	191	189	181	169
Indirect Purchases	1,863	1,880	1,805	1,760	1,705	1,627
Total:	2,064	2,080	1,996	1,950	1,887	1,797

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**152 Power boilers and heat exchangers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	354	352	332	331	339	288
Indirect Purchases	35	35	34	33	32	30
Total:	389	388	366	364	372	318

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**153 Metal tank (heavy gauge) manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	28	25	24	24	23	23
Indirect Purchases	27	28	27	26	25	23
Total:	55	52	50	50	48	46

Note: Numbers may not add due to rounding

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**154 Metal cans, boxes, and other containers**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	168	161	141	139	138	138
Indirect Purchases	118	114	104	102	101	100
Total:	287	275	245	240	239	238

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**155 Hardware, spring, and wire products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	338	353	344	357	388	400
Indirect Purchases	635	593	566	559	549	540
Total:	973	946	910	916	937	940

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**156 Machine shops, screws, nuts, bolts, turned products**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	167	166	145	145	142	144
Indirect Purchases	3,826	3,502	3,199	3,021	2,900	2,694
Total:	3,993	3,668	3,344	3,166	3,042	2,838

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*Note: Numbers may not add due to rounding*

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**157 Metal coating, engraving, heat treating, and allied activities**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	61	58	45	39	32	25
Indirect Purchases	1,616	1,612	1,518	1,489	1,513	1,486
Total:	1,677	1,669	1,562	1,528	1,544	1,511

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**158 Metal valves**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	295	301	283	299	293	303
Indirect Purchases	1,204	1,188	1,127	1,120	1,107	1,094
Total:	1,500	1,488	1,411	1,420	1,400	1,397

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**159 Ball and roller bearings**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	50	50	44	43	41	42
Indirect Purchases	454	434	412	411	406	405
Total:	505	484	455	455	447	448

Note: Numbers may not add due to rounding

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**160 Small arms**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,888	1,727	1,420	1,375	1,221	1,132
Indirect Purchases	57	50	41	40	35	33
Total:	1,944	1,777	1,461	1,415	1,257	1,165

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**161 Other ordnance and accessories**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	815	799	759	744	719	704
Total:	815	799	759	744	719	704

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**162 Other miscellaneous fabricated metal products**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	531	496	453	450	446	447
Indirect Purchases	1,382	1,354	1,303	1,301	1,284	1,291
Total:	1,913	1,850	1,757	1,751	1,731	1,738

Note: Numbers may not add due to rounding

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**163 Ammunition**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,600	4,600	4,499	4,258	4,263	4,260
Indirect Purchases	90	85	82	78	78	77
Total:	4,690	4,685	4,581	4,336	4,340	4,337

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**164 Farm, lawn and garden machinery and equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11	10	8	8	8	7
Indirect Purchases	52	50	46	46	46	47
Total:	63	60	54	54	54	54

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**165 Construction machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	105	101	94	92	92	90
Indirect Purchases	185	187	173	170	179	174
Total:	290	288	267	262	271	264

Note: Numbers may not add due to rounding

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**166 Mining, oil and gas field machinery and equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11	12	8	7	7	7
Indirect Purchases	26	25	22	22	21	21
Total:	37	37	30	29	28	27

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**167 Sawmill and woodworking machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	0	0	0	0	0	0
Total:	1	1	1	1	1	1

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**168 Plastics and rubber industry machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	15	12	8	7	7	7
Indirect Purchases	28	26	24	23	23	22
Total:	43	38	31	30	30	29

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*Note: Numbers may not add due to rounding*

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**169 Paper industry machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	0	0	0	0
Indirect Purchases	13	12	11	11	10	10
Total:	13	13	11	11	11	11

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**170 Textile machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	2	2
Indirect Purchases	7	7	6	6	6	6
Total:	9	9	8	8	8	7

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**171 Printing machinery and equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	8	7	6	7	6
Indirect Purchases	69	68	63	62	61	61
Total:	77	75	70	69	68	67

Note: Numbers may not add due to rounding

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**172 Food product machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	8	7	7	7	7
Indirect Purchases	6	5	5	5	5	5
Total:	14	13	12	11	11	11

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**173 Semiconductor machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	9	8	7	7	7
Indirect Purchases	59	58	57	57	58	59
Total:	68	68	65	65	65	65

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**174 All other industrial machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	31	28	23	23	22	21
Indirect Purchases	21	20	19	18	18	18
Total:	52	48	42	41	40	39

Note: Numbers may not add due to rounding

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**175 Office machinery**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32	29	24	24	23	23
Indirect Purchases	33	31	28	28	28	28
Total:	65	60	52	52	51	51

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**176 Optical instruments and lenses**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	972	863	693	689	655	647
Indirect Purchases	16	15	14	13	14	14
Total:	987	877	707	703	669	661

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**177 Photographic and photocopying equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	77	69	58	58	57	58
Indirect Purchases	16	15	14	14	14	14
Total:	93	84	71	71	71	71

Note: Numbers may not add due to rounding

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**178 Other commercial and service industry machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	755	764	689	685	682	683
Indirect Purchases	75	72	66	65	63	62
Total:	831	836	755	750	746	745

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**179 Automatic vending, commercial laundry and drycleaning machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12	11	9	9	9	9
Indirect Purchases	15	14	12	12	12	12
Total:	27	25	21	21	21	21

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**180 Air purification and ventilation equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	75	65	52	51	50	48
Indirect Purchases	164	170	161	158	161	154
Total:	239	235	214	209	211	202

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*Note: Numbers may not add due to rounding*

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**181 Heating equipment, except warm air furnaces**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	31	26	23	21	20	19
Indirect Purchases	46	48	47	45	42	39
Total:	77	73	70	66	62	58

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**182 AC, refrigeration, and forced air heating**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	141	134	124	126	125	122
Indirect Purchases	374	352	339	323	303	284
Total:	515	487	463	449	428	406

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**183 Industrial mold manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	2	2	2	2
Indirect Purchases	192	177	155	156	156	159
Total:	195	179	157	158	158	160

Note: Numbers may not add due to rounding

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**184 Metal cutting and forming machine tool**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	65	58	44	42	42	40
Indirect Purchases	38	35	32	32	31	31
Total:	103	93	76	74	73	71

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**185 Special tools, dies, jigs, fixtures, cutting tools, machine tool accessories**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	26	22	19	19	18	18
Indirect Purchases	642	603	547	545	543	545
Total:	668	625	566	563	561	562

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**186 Rolling mill and other metalworking machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13	12	9	9	9	8
Indirect Purchases	13	12	11	11	11	10
Total:	26	24	20	20	19	19

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*Note: Numbers may not add due to rounding*

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**187 Turbine and turbine generator set units**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	356	290	263	260	270	277
Indirect Purchases	232	250	236	234	262	255
Total:	588	540	499	494	532	531

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**188 Other engine equipment manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	322	232	211	186	176	151
Indirect Purchases	597	562	522	522	556	537
Total:	919	793	734	707	732	688

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**189 Speed changers and mechanical power transmission equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	110	104	98	97	96	93
Indirect Purchases	527	484	443	433	466	470
Total:	638	587	541	530	562	563

Note: Numbers may not add due to rounding

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**190 Pump and compressor manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	182	166	151	147	146	139
Indirect Purchases	107	101	91	89	88	86
Total:	289	267	242	236	234	225

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**191 Elevators and moving stairways**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8	8	7	7	7	7
Indirect Purchases	94	101	102	98	88	80
Total:	102	109	109	106	96	88

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**192 Conveyor and conveying equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	9	8	8	8	8
Indirect Purchases	20	19	18	17	17	17
Total:	30	29	26	25	25	24

Note: Numbers may not add due to rounding

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**193 Industrial cranes, hoists, trucks and trailers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	337	302	272	266	260	255
Indirect Purchases	55	53	50	49	48	46
Total:	392	355	322	315	308	301

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**194 Power-driven handtools**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11	9	7	7	7	6
Indirect Purchases	11	11	10	10	10	10
Total:	22	20	18	17	17	16

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**195 Welding and soldering equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	17	15	12	11	11	10
Indirect Purchases	62	56	52	50	49	46
Total:	79	71	63	61	60	57

Note: Numbers may not add due to rounding

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**196 Packaging machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	12	11	10	10	10	10
Total:	13	12	11	11	10	10

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**197 Industrial process furnaces and ovens**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	16	13	9	9	8	8
Indirect Purchases	8	8	7	7	7	7
Total:	23	20	16	15	15	15

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**198 Fluid power equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	52	39	35	31	29	25
Indirect Purchases	467	441	415	399	393	382
Total:	518	480	450	430	422	407

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*Note: Numbers may not add due to rounding*

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**199 Scales, balances, and miscellaneous general purpose machinery**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	199	176	146	142	139	134
Indirect Purchases	147	142	134	130	126	122
Total:	346	318	280	272	266	256

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**200 Electronic computers**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,632	1,601	1,494	1,582	1,671	1,751
Indirect Purchases	656	637	585	592	595	605
Total:	2,288	2,238	2,079	2,174	2,266	2,356

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**201 Computer storage devices**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	157	153	141	140	139	140
Indirect Purchases	343	333	306	307	309	313
Total:	500	486	447	447	448	454

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*Note: Numbers may not add due to rounding*

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**202 Computer terminals**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	36	33	28	29	28	29
Indirect Purchases	16	15	14	15	15	15
Total:	52	48	43	43	43	44

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**203 Other computer peripheral equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	576	562	510	533	560	582
Indirect Purchases	687	666	620	626	630	639
Total:	1,263	1,229	1,130	1,159	1,190	1,221

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**204 Telephone apparatus**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	383	356	315	327	316	330
Indirect Purchases	235	226	205	203	202	204
Total:	619	582	520	531	518	534

Note: Numbers may not add due to rounding

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**205 Broadcast and wireless communications equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,776	3,705	3,534	3,586	3,422	3,472
Indirect Purchases	1,759	1,720	1,625	1,630	1,614	1,632
Total:	5,535	5,425	5,158	5,216	5,036	5,104

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**206 Other communications equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,054	2,948	2,777	2,809	2,744	2,809
Indirect Purchases	135	131	124	121	114	109
Total:	3,188	3,079	2,902	2,931	2,858	2,918

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**207 Audio and video equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	109	114	104	108	113	116
Indirect Purchases	55	50	46	45	44	43
Total:	163	163	150	152	157	160

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*Note: Numbers may not add due to rounding*

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**208 Semiconductors and electron tubes**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	257	265	257	254	255	256
Indirect Purchases	3,756	3,657	3,498	3,524	3,514	3,537
Total:	4,013	3,923	3,755	3,779	3,769	3,793

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**209 All other electronic components**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,523	1,527	1,505	1,525	1,542	1,530
Indirect Purchases	4,922	4,765	4,523	4,539	4,500	4,504
Total:	6,445	6,292	6,028	6,063	6,042	6,034

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**210 Electromedical apparatus**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	200	205	189	191	193	198
Indirect Purchases	41	39	35	34	34	34
Total:	241	244	224	225	227	232

Note: Numbers may not add due to rounding

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**211 Search, detection, and navigation instruments**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10,893	10,704	10,496	10,826	10,867	11,093
Indirect Purchases	901	894	873	833	791	767
Total:	11,794	11,598	11,368	11,659	11,658	11,860

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**212 Measuring devices and controls**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	258	226	180	178	173	169
Indirect Purchases	262	247	231	224	217	211
Total:	520	474	410	402	390	380

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**213 Electricity and signal testing instruments**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	395	384	360	369	366	369
Indirect Purchases	121	115	107	108	107	108
Total:	516	499	467	477	473	477

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*Note: Numbers may not add due to rounding*

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**214 Analytical laboratory instruments**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	231	192	141	139	135	133
Indirect Purchases	197	194	186	181	174	172
Total:	428	386	326	319	309	304

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**215 Irradiation apparatus**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	49	43	35	34	32	32
Indirect Purchases	19	17	15	14	14	14
Total:	68	60	49	48	47	46

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**216 Watches, clocks, and other measuring and controlling devices**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	499	448	369	371	365	365
Indirect Purchases	236	231	223	217	208	204
Total:	736	679	592	588	573	569

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*Note: Numbers may not add due to rounding*

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**217 Software, audio, and video media reproduction**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	94	90	82	82	80	81
Indirect Purchases	90	87	81	81	82	83
Total:	183	177	163	162	162	164

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**218 Magnetic and optical recording media manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	22	20	18	19	19	18
Indirect Purchases	213	201	185	182	179	179
Total:	234	221	203	201	198	197

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**219 Electric lamp bulb and part manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6	7	8	8	8	7
Indirect Purchases	22	19	17	16	16	15
Total:	28	26	25	24	23	22

Note: Numbers may not add due to rounding

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**220 Lighting fixtures**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32	34	32	32	31	30
Indirect Purchases	241	252	249	240	221	204
Total:	274	286	280	272	251	234

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**221 Electric housewares, fans and vacuum cleaners**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6	6	5	5	5	5
Indirect Purchases	18	18	18	17	16	15
Total:	24	24	23	23	21	20

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**222 Household cooking appliances**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	2	2	2	2
Indirect Purchases	15	13	12	12	11	11
Total:	18	16	14	14	14	13

Note: Numbers may not add due to rounding

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**223 Household refrigerators and home freezers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7	6	6	6	5	5
Indirect Purchases	7	5	5	4	4	4
Total:	13	11	10	10	9	9

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**224 Household laundry equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	4	3	3	3	3
Indirect Purchases	2	2	2	1	1	1
Total:	6	5	5	4	4	4

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**225 Other major household appliances**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	8	8	7	7	7
Indirect Purchases	22	21	19	19	18	18
Total:	31	29	27	26	26	25

Note: Numbers may not add due to rounding

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**226 Electric power and specialty transformers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	66	73	73	73	67	62
Indirect Purchases	37	37	34	33	33	32
Total:	103	109	107	106	100	94

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**227 Motors and generators**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	124	131	138	139	135	129
Indirect Purchases	448	431	400	398	402	397
Total:	573	563	538	537	537	526

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**228 Switchgear and switchboard apparatus**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32	32	31	32	32	30
Indirect Purchases	92	91	85	83	80	78
Total:	124	123	116	115	112	108

Note: Numbers may not add due to rounding

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**229 Relays and industrial controls**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	38	39	41	44	48	49
Indirect Purchases	509	494	460	459	462	460
Total:	547	533	501	503	511	510

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**230 Storage batteries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	24	27	27	28	26	23
Indirect Purchases	72	68	63	62	62	61
Total:	96	95	90	90	87	84

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**231 Primary batteries**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	53	60	67	67	66	64
Indirect Purchases	11	10	9	9	9	9
Total:	64	70	76	76	75	73

Note: Numbers may not add due to rounding

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**232 Fiber optic and other cable**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	48	48	45	46	46	47
Indirect Purchases	809	792	759	757	739	733
Total:	857	840	804	803	785	780

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**233 Wiring devices**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	86	77	65	66	65	65
Indirect Purchases	315	309	295	289	278	272
Total:	401	386	360	355	344	337

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**234 Carbon and graphite and miscellaneous electrical equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	532	541	515	543	555	566
Indirect Purchases	221	218	209	208	205	205
Total:	754	760	724	751	761	771

Note: Numbers may not add due to rounding

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**235 Automobiles and light trucks**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,994	1,367	1,259	1,077	1,018	864
Indirect Purchases	0	0	0	0	0	0
Total:	1,994	1,367	1,259	1,077	1,018	864

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**236 Heavy duty trucks**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	236	180	155	149	153	156
Indirect Purchases	72	49	45	38	35	29
Total:	307	228	199	186	188	185

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**237 Motor vehicle bodies**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,545	1,031	957	804	757	633
Indirect Purchases	69	47	43	38	36	33
Total:	1,614	1,078	999	841	794	666

Note: Numbers may not add due to rounding

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**238 Truck trailers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,494	1,539	1,507	1,239	1,202	1,058
Indirect Purchases	188	121	114	95	90	77
Total:	2,682	1,660	1,620	1,334	1,293	1,134

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**239 Motor homes, travel trailers and campers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	247	175	156	131	118	95
Indirect Purchases	101	63	61	51	49	42
Total:	347	238	218	182	167	138

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**240 Motor vehicle parts**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,245	1,564	1,423	1,223	1,159	993
Indirect Purchases	3,607	2,931	2,660	2,474	2,416	2,273
Total:	5,852	4,494	4,082	3,697	3,575	3,266

Note: Numbers may not add due to rounding

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**241 Aircraft**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	21,039	20,332	18,784	18,601	18,254	18,346
Indirect Purchases	314	307	292	295	292	294
Total:	21,353	20,639	19,076	18,896	18,546	18,640

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**242 Aircraft engines and engine parts**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,756	4,684	4,629	4,837	4,792	4,888
Indirect Purchases	1,973	1,944	1,904	1,906	1,852	1,847
Total:	6,729	6,629	6,533	6,742	6,644	6,735

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**243 Other aircraft parts and equipment**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10,177	10,378	10,424	10,965	11,029	11,454
Indirect Purchases	2,387	2,365	2,314	2,254	2,162	2,122
Total:	12,565	12,743	12,738	13,219	13,191	13,576

Note: Numbers may not add due to rounding

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**244 Guided missiles and space vehicles**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,476	7,186	6,926	6,537	6,243	6,285
Indirect Purchases	751	769	740	702	670	660
Total:	7,227	7,955	7,666	7,240	6,913	6,945

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**245 Propulsion units and parts for space vehicles and guided missiles**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,032	1,104	1,121	1,154	1,152	1,141
Indirect Purchases	1,032	1,126	1,086	1,027	979	979
Total:	2,063	2,230	2,208	2,181	2,131	2,120

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**246 Railroad rolling stock**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	31	27	24	22	19	17
Indirect Purchases	56	52	46	45	44	44
Total:	87	79	70	67	63	60

Note: Numbers may not add due to rounding

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**247 Ship building and repairing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10,680	11,694	11,089	11,013	12,375	12,028
Indirect Purchases	144	128	104	102	100	99
Total:	10,824	11,822	11,193	11,115	12,475	12,127

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**248 Boat building**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	165	157	163	189	225	168
Indirect Purchases	27	27	23	23	25	24
Total:	192	184	187	212	250	192

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**249 Motorcycle, bicycle, and parts**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4	3	3	3	3	3
Indirect Purchases	16	15	14	14	13	13
Total:	20	19	17	17	16	17

Note: Numbers may not add due to rounding

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**250 Military armored vehicles and tank parts**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,165	4,671	4,010	3,362	2,895	2,211
Total:	6,165	4,671	4,010	3,362	2,895	2,211

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**251 All other transportation equipment**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	489	434	388	371	356	339
Indirect Purchases	89	79	71	65	62	53
Total:	578	513	459	436	418	392

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**252 Wood kitchen cabinets and countertops**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	19	15	14	14	11	10
Indirect Purchases	138	138	131	128	122	117
Total:	157	153	145	141	133	127

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*Note: Numbers may not add due to rounding*

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**253 Household and institutional furniture**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	199	178	182	173	152	138
Indirect Purchases	80	81	78	79	77	77
Total:	279	259	261	251	229	215

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**254 Office furniture (including fixtures)**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	190	203	210	206	186	167
Indirect Purchases	113	116	116	112	103	98
Total:	303	319	326	317	290	265

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**255 Mattresses, blinds and shades**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	12	11	10	9	8	8
Indirect Purchases	0	0	0	0	0	0
Total:	12	11	10	9	8	8

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*Note: Numbers may not add due to rounding*

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**256 Laboratory apparatus and furniture**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	50	44	31	30	29	28
Indirect Purchases	11	12	12	11	13	12
Total:	61	56	43	41	42	41

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**257 Surgical and medical instruments**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	137	122	91	87	86	84
Indirect Purchases	126	118	104	101	101	102
Total:	263	240	194	189	186	186

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**258 Surgical appliance and supplies**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	214	200	166	164	162	159
Indirect Purchases	66	63	56	55	54	55
Total:	281	262	222	218	216	214

Note: Numbers may not add due to rounding

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**259 Dental equipment and supplies**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	20	17	12	12	11	11
Indirect Purchases	18	17	15	14	14	15
Total:	37	33	27	26	26	26

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**260 Ophthalmic goods**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,854	1,811	1,679	1,636	1,637	1,681
Indirect Purchases	2	2	2	2	2	1
Total:	1,856	1,813	1,681	1,638	1,638	1,682

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**261 Dental laboratories**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	0	0	0	0
Indirect Purchases	36	34	30	29	29	30
Total:	37	35	30	30	30	30

Note: Numbers may not add due to rounding

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**262 Jewelry and silverware**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	1	1	1	1
Indirect Purchases	26	25	23	22	22	22
Total:	28	27	24	23	23	23

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**263 Toys and sporting goods**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	44	40	34	33	33	33
Indirect Purchases	16	16	14	14	14	14
Total:	60	56	48	48	47	46

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**264 Office supplies, except paper**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	49	47	45	46	47	46
Indirect Purchases	72	69	65	64	63	62
Total:	121	117	110	110	110	108

Note: Numbers may not add due to rounding

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**265 Sign manufacturing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	8	6	6	6	6
Indirect Purchases	125	117	104	103	101	100
Total:	135	125	111	109	107	107

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**266 Gasket, packing, and sealing devices**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	49	54	45	45	46	45
Indirect Purchases	231	225	207	199	194	191
Total:	280	279	252	244	239	236

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**267 Musical instruments**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	2	2
Indirect Purchases	1	1	1	1	1	1
Total:	3	3	3	3	3	3

Note: Numbers may not add due to rounding

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**268 Other miscellaneous manufacturing**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	336	314	264	258	256	252
Indirect Purchases	147	142	130	129	127	126
Total:	483	456	394	387	383	378

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**269 Wholesale trade**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	8,993	8,845	7,909	7,740	7,757	7,913
Indirect Purchases	14,103	13,371	12,355	12,144	11,989	11,845
Total:	23,095	22,216	20,265	19,884	19,745	19,758

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**270 Retail trade**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	6,586	6,404	5,897	5,789	5,793	5,945
Indirect Purchases	1,828	1,801	1,690	1,648	1,571	1,514
Total:	8,414	8,205	7,587	7,437	7,364	7,459

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*Note: Numbers may not add due to rounding*

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**271 Air transportation**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	16,330	15,492	13,961	13,913	13,865	13,841
Indirect Purchases	2,497	2,360	2,157	2,131	2,107	2,106
Total:	18,827	17,852	16,118	16,044	15,972	15,948

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**272 Rail transportation**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,780	1,605	1,339	1,311	1,293	1,290
Indirect Purchases	1,160	1,093	998	981	973	960
Total:	2,939	2,698	2,337	2,291	2,265	2,249

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**273 Water transportation**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7,489	6,742	5,516	5,402	5,322	5,293
Indirect Purchases	167	150	136	133	129	126
Total:	7,656	6,892	5,652	5,534	5,451	5,419

Note: Numbers may not add due to rounding

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**274 Truck transportation**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13,762	12,314	10,177	9,958	9,823	9,796
Indirect Purchases	5,892	5,451	4,875	4,734	4,642	4,552
Total:	19,653	17,766	15,052	14,692	14,464	14,349

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**275 Transit and ground passenger transportation (includes S&L government)**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	508	471	405	402	401	401
Indirect Purchases	500	477	435	429	424	422
Total:	1,008	948	840	831	825	823

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**276 Pipeline transportation**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	15	11	7	7	7	7
Indirect Purchases	808	760	673	659	650	642
Total:	822	771	680	667	657	649

Note: Numbers may not add due to rounding

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**277 Support activities for transportation and sightseeing**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,060	2,974	2,773	2,808	2,792	2,810
Indirect Purchases	5,978	5,574	4,855	4,825	4,805	4,811
Total:	9,039	8,548	7,627	7,633	7,597	7,621

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**278 Couriers and messengers**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	21	20	16	16	16	16
Indirect Purchases	2,142	2,049	1,883	1,851	1,823	1,813
Total:	2,163	2,069	1,899	1,867	1,839	1,829

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**279 Warehousing and storage**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,647	3,306	2,754	2,694	2,655	2,649
Indirect Purchases	1,907	1,816	1,680	1,660	1,647	1,633
Total:	5,554	5,122	4,434	4,354	4,302	4,282

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*Note: Numbers may not add due to rounding*

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**280 Newspaper publishers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	10	9	7	7	7	6
Indirect Purchases	1,096	1,022	908	891	878	873
Total:	1,106	1,031	915	898	885	879

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**281 Periodical publishers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	25	23	20	20	20	20
Indirect Purchases	929	871	782	760	741	731
Total:	954	894	802	780	761	751

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**282 Book publishers**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	68	65	57	57	56	56
Indirect Purchases	114	107	97	95	94	94
Total:	181	173	154	152	150	150

Note: Numbers may not add due to rounding

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**283 Database, directory, and other publishers**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	128	124	114	114	113	113
Indirect Purchases	708	672	615	604	593	591
Total:	836	797	729	718	706	703

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**284 Software publishers**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	416	392	354	355	354	360
Indirect Purchases	420	411	383	400	418	435
Total:	835	803	737	756	772	795

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**285 Motion picture and video industries**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	109	99	82	81	80	81
Indirect Purchases	753	701	624	609	594	587
Total:	862	799	707	690	674	668

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*Note: Numbers may not add due to rounding*

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**286 Sound recording industries**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	21	20	18	18	17	17
Indirect Purchases	69	65	59	58	57	57
Total:	90	85	77	76	74	74

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**287 Radio and television broadcasting**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	28	25	20	21	21	21
Indirect Purchases	1,262	1,172	1,035	1,014	996	988
Total:	1,291	1,197	1,055	1,035	1,017	1,009

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**288 Cable networks and program distribution**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	37	34	30	31	30	31
Indirect Purchases	528	494	438	432	426	425
Total:	565	528	468	463	456	456

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*Note: Numbers may not add due to rounding*

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**289 Telecommunications**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	11,659	11,148	10,024	9,920	9,882	9,964
Indirect Purchases	10,377	10,016	9,221	9,149	9,069	9,083
Total:	22,036	21,164	19,245	19,069	18,950	19,047

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**290 Information services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	533	546	543	577	648	683
Indirect Purchases	663	634	581	572	562	558
Total:	1,196	1,180	1,125	1,149	1,210	1,241

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**291 Data processing services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	459	435	385	384	377	373
Indirect Purchases	2,091	2,026	1,885	1,870	1,858	1,855
Total:	2,550	2,461	2,270	2,254	2,236	2,228

Note: Numbers may not add due to rounding

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**292 Banks, savings institutions, and credit unions**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	6,711	6,433	5,933	5,845	5,757	5,713
Total:	6,711	6,433	5,933	5,846	5,758	5,713

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**293 Credit cards and finance companies**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	19	18	15	15	15	15
Indirect Purchases	3,406	3,293	3,060	3,038	3,017	3,016
Total:	3,424	3,311	3,076	3,053	3,032	3,031

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**294 Securities, commodity contracts, investments**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	531	227	136	128	127	136
Indirect Purchases	2,674	2,481	2,262	2,203	2,152	2,120
Total:	3,205	2,708	2,398	2,331	2,278	2,256

Note: Numbers may not add due to rounding

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**295 Insurance**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,287	2,342	2,215	2,220	2,244	2,264
Indirect Purchases	5,187	4,977	4,502	4,440	4,390	4,366
Total:	7,474	7,320	6,717	6,659	6,634	6,629

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**296 Funds, trusts, and other financial vehicles**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	2	2	2	2
Indirect Purchases	68	66	61	60	60	60
Total:	71	69	63	62	62	62

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**297 Real estate**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,645	4,370	3,938	3,800	3,615	3,517
Indirect Purchases	14,672	14,115	13,030	12,863	12,704	12,681
Total:	19,317	18,486	16,968	16,663	16,319	16,198

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*Note: Numbers may not add due to rounding*

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**299 Automotive equipment rental and leasing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,164	2,066	1,837	1,825	1,829	1,835
Indirect Purchases	2,052	1,946	1,772	1,737	1,704	1,687
Total:	4,217	4,012	3,609	3,561	3,533	3,521

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**300 Video tape and disc rental**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Total:	1	1	1	1	1	1

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**301 Machinery and equipment rental and leasing**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	240	225	185	183	182	178
Indirect Purchases	1,880	1,809	1,659	1,636	1,608	1,595
Total:	2,120	2,033	1,843	1,819	1,790	1,773

Note: Numbers may not add due to rounding

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**302 Rental of other goods**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	36	29	20	20	19	18
Indirect Purchases	484	465	428	422	415	413
Total:	520	494	448	441	434	431

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**303 Lessors of nonfinancial intangible assets (royalties)**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Indirect Purchases	2,522	2,445	2,263	2,249	2,247	2,242
Total:	2,522	2,445	2,263	2,249	2,247	2,242

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**304 Legal services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	68	65	57	55	53	52
Indirect Purchases	4,748	4,567	4,228	4,179	4,131	4,124
Total:	4,816	4,632	4,285	4,234	4,184	4,176

Note: Numbers may not add due to rounding

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**305 Accounting and bookkeeping**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	226	218	197	194	192	197
Indirect Purchases	2,602	2,472	2,266	2,218	2,169	2,145
Total:	2,827	2,690	2,463	2,411	2,361	2,342

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**306 Architectural and engineering services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	32,885	32,674	31,371	30,877	30,000	29,943
Indirect Purchases	5,271	5,141	4,840	4,714	4,511	4,367
Total:	38,156	37,814	36,211	35,591	34,511	34,310

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**307 Specialized design services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,593	1,963	2,290	2,411	2,308	2,109
Indirect Purchases	745	719	676	668	657	654
Total:	2,338	2,682	2,966	3,078	2,966	2,762

Note: Numbers may not add due to rounding

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**308 Custom computer programming**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,138	2,938	2,573	2,510	2,471	2,470
Indirect Purchases	619	600	567	557	544	540
Total:	3,757	3,539	3,140	3,066	3,015	3,010

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**309 Computer systems design services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,832	3,632	3,253	3,187	3,136	3,130
Indirect Purchases	757	727	671	663	655	652
Total:	4,589	4,359	3,924	3,851	3,792	3,782

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**310 Other computer related services, including facilities management**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9,722	9,433	8,478	8,364	8,229	8,251
Indirect Purchases	1,417	1,371	1,270	1,270	1,267	1,273
Total:	11,139	10,804	9,748	9,635	9,496	9,524

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*Note: Numbers may not add due to rounding*

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### 311 Management consulting

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5,200	4,705	3,936	3,868	3,803	3,782
Indirect Purchases	4,136	4,039	3,795	3,784	3,767	3,787
Total:	9,336	8,744	7,731	7,652	7,570	7,569

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### 312 Environmental and other technical consulting services

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,803	1,653	1,462	1,461	1,447	1,444
Indirect Purchases	1,333	1,335	1,285	1,287	1,273	1,283
Total:	3,136	2,988	2,748	2,748	2,721	2,727

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### 313 Scientific research and development

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	39,753	39,057	37,668	35,965	34,399	33,457
Indirect Purchases	1,994	1,871	1,753	1,738	1,723	1,706
Total:	41,747	40,928	39,421	37,703	36,122	35,163

Note: Numbers may not add due to rounding

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**314 Advertising and related services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	876	731	532	520	507	497
Indirect Purchases	6,039	5,718	5,189	5,109	5,048	5,036
Total:	6,914	6,449	5,722	5,630	5,555	5,533

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**315 Photographic services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	13	12	10	10	10	10
Indirect Purchases	73	70	64	63	62	62
Total:	86	81	74	73	72	72

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**316 Veterinary services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	9	8	6	6	6	6
Indirect Purchases	30	29	27	26	26	27
Total:	39	37	33	32	32	33

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*Note: Numbers may not add due to rounding*

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**317 All other miscellaneous professional and technical services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	7,762	7,587	7,397	7,254	7,057	7,030
Indirect Purchases	5,192	5,086	4,834	4,797	4,760	4,736
Total:	12,955	12,673	12,231	12,051	11,817	11,765

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**318 Management of companies and enterprises**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3	3	2	2	2	2
Indirect Purchases	9,097	8,684	8,052	7,932	7,840	7,764
Total:	9,099	8,687	8,055	7,934	7,842	7,766

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**319 Office administrative services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	891	799	664	652	643	643
Indirect Purchases	2,389	2,304	2,130	2,093	2,051	2,037
Total:	3,280	3,103	2,794	2,745	2,694	2,680

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*Note: Numbers may not add due to rounding*

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**320 Facilities support services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	5,172	4,598	3,778	3,710	3,617	3,550
Indirect Purchases	128	120	112	110	108	108
Total:	5,300	4,718	3,890	3,821	3,726	3,658

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**321 Employment services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	265	236	195	193	190	187
Indirect Purchases	4,554	4,380	4,039	3,964	3,885	3,859
Total:	4,819	4,615	4,234	4,157	4,074	4,047

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**322 Business support services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	669	584	471	460	447	437
Indirect Purchases	1,545	1,460	1,325	1,293	1,265	1,251
Total:	2,214	2,044	1,796	1,753	1,712	1,687

Note: Numbers may not add due to rounding

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**323 Travel arrangement and reservation services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	106	85	57	55	54	52
Indirect Purchases	2,467	2,325	2,080	2,065	2,052	2,047
Total:	2,572	2,410	2,137	2,120	2,106	2,100

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**324 Investigation and security services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	911	787	613	602	591	586
Indirect Purchases	823	776	703	683	664	654
Total:	1,734	1,563	1,315	1,285	1,255	1,240

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**325 Services to buildings and dwellings**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,816	1,721	1,500	1,482	1,466	1,462
Indirect Purchases	2,497	2,395	2,205	2,163	2,119	2,104
Total:	4,313	4,116	3,705	3,645	3,585	3,567

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*Note: Numbers may not add due to rounding*

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**326 Other support services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,688	1,544	1,337	1,373	1,457	1,494
Indirect Purchases	1,516	1,434	1,306	1,279	1,254	1,244
Total:	3,204	2,979	2,644	2,651	2,711	2,739

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**327 Waste management and remediation services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,000	2,500	1,843	1,809	1,760	1,719
Indirect Purchases	1,496	1,366	1,179	1,153	1,130	1,108
Total:	4,496	3,866	3,023	2,961	2,890	2,827

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**328 Elementary and secondary schools**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	42	38	32	31	31	32
Indirect Purchases	3	3	2	2	3	3
Total:	45	41	34	34	34	34

Note: Numbers may not add due to rounding

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**329 Colleges, universities, and junior colleges**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,578	1,455	1,310	1,253	1,197	1,166
Indirect Purchases	529	503	461	453	445	443
Total:	2,107	1,957	1,771	1,705	1,642	1,608

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**330 Other educational services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,916	1,782	1,557	1,545	1,531	1,538
Indirect Purchases	53	48	43	42	41	41
Total:	1,969	1,830	1,600	1,587	1,573	1,580

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**331 Home health care services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	481	469	435	424	424	436
Total:	481	469	435	424	424	436

Note: Numbers may not add due to rounding

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**332 Offices of physicians, dentists, and other health practitioners**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,117	3,869	3,415	3,329	3,319	3,388
Total:	4,117	3,869	3,415	3,329	3,319	3,388

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**333 Other ambulatory health care services**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,287	2,933	2,409	2,344	2,321	2,350
Indirect Purchases	370	331	277	270	267	270
Total:	3,658	3,264	2,686	2,614	2,588	2,620

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**334 Hospitals**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,464	4,364	4,033	3,935	3,939	4,046
Total:	4,464	4,364	4,033	3,935	3,939	4,046

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Note: Numbers may not add due to rounding

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**335 Nursing and residential care facilities**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	847	827	767	747	749	770
Total:	847	827	767	747	749	770

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**336 Child day care services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1	1	1	1	1	1
Indirect Purchases	2	2	2	2	2	2
Total:	3	3	2	2	2	2

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**337 Social assistance, except child day care services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	279	271	245	242	238	235
Indirect Purchases	3	3	3	3	3	3
Total:	282	274	248	244	241	238

Note: Numbers may not add due to rounding

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**338 Performing arts, spectator sports, museums & related activities**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	48	44	37	36	35	34
Indirect Purchases	986	932	842	828	815	809
Total:	1,034	975	879	864	850	843

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**339 Amusements, gambling, & recreation activities**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	26	24	21	21	20	20
Indirect Purchases	240	230	212	208	205	203
Total:	266	254	233	229	225	223

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**340 Hotels and other accommodation**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	4,969	4,729	4,190	4,161	4,169	4,182
Indirect Purchases	1,441	1,372	1,259	1,243	1,226	1,222
Total:	6,410	6,101	5,448	5,403	5,396	5,405

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*Note: Numbers may not add due to rounding*

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**341 Food services & drinking places**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	3,569	3,335	2,885	2,862	2,853	2,850
Indirect Purchases	3,171	3,018	2,755	2,719	2,689	2,677
Total:	6,741	6,353	5,640	5,581	5,542	5,527

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**342 Automotive repair, maintenance and car washes**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	481	353	284	254	239	212
Indirect Purchases	1,489	1,371	1,234	1,202	1,179	1,158
Total:	1,970	1,724	1,519	1,456	1,419	1,369

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**343 Electronic equipment repair & maintenance**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,542	1,464	1,396	1,427	1,444	1,460
Indirect Purchases	1,105	1,028	921	890	864	843
Total:	2,648	2,492	2,317	2,318	2,307	2,303

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*Note: Numbers may not add due to rounding*

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### 344 Commercial machinery repair & maintenance

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	420	356	304	304	307	308
Indirect Purchases	1,484	1,401	1,273	1,244	1,218	1,197
Total:	1,904	1,757	1,577	1,548	1,525	1,506

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### 345 Household goods repair & maintenance

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	34	32	28	27	27	27
Indirect Purchases	702	663	596	586	577	572
Total:	736	694	624	613	604	599

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### 346 Personal care services

(Millions of 2009 dollars)

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	2008	2009	2010	2011	2012	2013
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	2	2	2	2
Indirect Purchases	1	1	1	1	1	1
Total:	3	3	3	3	3	3

Note: Numbers may not add due to rounding

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**347 Death care services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2	2	1	1	1	1
Indirect Purchases	0	0	0	0	0	0
Total:	2	2	1	1	1	1

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**348 Drycleaning & laundry services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	102	89	71	70	69	68
Indirect Purchases	177	170	155	152	153	151
Total:	279	259	226	222	221	219

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**349 Other personal services**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	25	22	18	17	17	17
Indirect Purchases	122	119	112	111	109	108
Total:	147	141	130	128	126	125

Note: Numbers may not add due to rounding

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**350 Religious, grantmaking, civic & professional organizations**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	66	59	49	48	47	47
Indirect Purchases	581	559	518	507	497	491
Total:	648	618	567	555	544	537

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**351 Private households**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	0	0	0	0	0	0
Total:	0	0	0	0	0	0

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**352 Postal service**(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	2,225	2,119	1,870	1,844	1,835	1,837
Indirect Purchases	1,570	1,473	1,331	1,286	1,244	1,221
Total:	3,795	3,592	3,200	3,130	3,079	3,058

Note: Numbers may not add due to rounding

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**353 Other federal government enterprises (except post office and electric utilities)**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	1,184	1,216	1,327	1,220	1,142	1,162
Indirect Purchases	113	107	97	96	96	95
Total:	1,297	1,324	1,424	1,316	1,238	1,258

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**354 Other state and local government enterprises (except electric utilities and transit)**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Indirect Purchases	2,306	2,188	1,974	1,953	1,938	1,936
Total:	2,306	2,188	1,974	1,953	1,938	1,936

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**355 General government industry**

(Millions of 2009 dollars)

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	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>						
Direct Purchases	163,720	163,825	162,949	163,901	164,285	164,742
Total:	163,720	163,825	162,949	163,901	164,285	164,742

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*Note: Numbers may not add due to rounding*

### **Short text about the last 5 Iliad Industries**

Although the Inforum model has detail for 360 commodities, only 355 of these commodities possibly contribute direct or indirect requirements to defense. These last five commodities are:

356. Noncomparable imports – These are imports of commodities of which no similar domestic output is produced.

357. Scrap – This commodity represents sales of scrap arising from production.

358. Used and secondhand goods – This commodity is sales of used and secondhand goods from one sector to another, consisting mostly of capital equipment.

359. Rest of the world adjustment to final uses – This is an offsetting adjustment between personal consumption and exports that represents purchases of consumption goods in the U.S. by visiting foreign residents.

360. Inventory valuation adjustment – This is an adjustment to measured inventory stocks to adjust for misstatement of inventory levels to due the effects of inflation.

## 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: \_\_\_\_\_  
\_\_\_\_\_

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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Address

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City State Zip

Return to:

Economic and Manpower Analysis Division  
Office of the Director, Program Analysis and Evaluation  
Office of the Secretary of Defense  
1800 Defense Pentagon  
Washington, D.C. 20301-1800

or e-mail: [depps@osd.mil](mailto:depps@osd.mil)