

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

**Calendar Years 2009 Through 2015**



**October 2010**

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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 111 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 101 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 Cost Assessment and Program 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 Cost Assessment and Program Evaluation (CAPE).

This report provides projections of direct and indirect defense-related purchases from 360 industries (defined by North American Industry Classification System) for calendar years 2009 through 2015. This report also presents direct and indirect defense spending in each of the 50 states and the District of Columbia, and estimates the employment generated by defense spending. An introduction gives a brief overview of the definitions, budgetary concepts and expenditure categories used in developing the estimates, and offers some guidelines for interpreting them. The tabular material is divided into three sections:

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

Section II: Industry Projections

Section III: State Projections

Descriptions of table formats accompany the projections.

Additional copies of this report may be obtained on CAPE's public access web-site home page, <http://www.economics.osd.mil>.

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## INTRODUCTION AND HIGHLIGHTS

This report estimates industrial and regional patterns of defense expenditures for calendar years 2009 through 2015. 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 employment that is related directly and indirectly to defense expenditures.

All estimates are based on the FY 2011 President's budget submission in February 2010, 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. 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 111 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements for various occupational classifications of employment in each industry generated by defense expenditures.

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

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

<sup>2</sup> Data available on <http://www.usaspending.gov/>. We use the most recent three years average of prime contract award data.

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

## Definitions and Coverage

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

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 only the 75 most affected industries are reported in detail. A summary of all 360 industries sorted by industry number is presented in the appendix. All expenditure quantities are in constant (inflation-adjusted) 2011 dollars, by calendar year, for the 2009 through 2015 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 DoD is authorized to obligate in any given year. Budget authority differs from outlays in that contractual obligations (which must be within the limits set by budget authority) often call for payments to be spread over a period of years, as the work is completed. 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.<sup>4</sup>

### Coverage

The federal budget is divided into a number of sections called “functional categories,” each containing programs serving a common purpose. National security-related programs are grouped into Functional Category 050 (National Defense). This category includes 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).

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

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.
- 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**

The state-level tables in Section III display the expenditures on goods and services by DoD's civilian employees, military members, 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 and the Projections

### **IDEPPS: Defense Expenditures by Industry**

The composition of projected defense purchases differs from the composition of non-defense purchases in the U.S. economy as Table 1 projects the differences between defense and nondefense final purchases in 2011. Manufacturing industries make up a much larger share of direct defense purchases than direct nondefense purchases. Over one third of defense purchases – 34 percent – are made from manufacturing industries, while only about one quarter of nondefense purchases – 24 percent – are made from the manufacturing sector. Conversely, services make up about 58 percent of defense final purchases but about 66 percent of nondefense final purchases.

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. Manufacturing accounts for about 32 percent of projected defense indirect purchases and about 28 percent of nondefense indirect purchases. The services sector makes up about 62 percent of defense indirect purchases and about 63 percent of nondefense indirect purchases. The construction, agriculture and mining sector accounts for about 5 percent of defense indirect purchases and about 9 percent of nondefense indirect purchases.

Table 7 contains information on the 75 non-food industries that supply the largest (direct plus indirect) defense expenditures. While some of these industries are defense-specific (e.g., armaments, shipbuilding, tanks and tank components, aircraft, and guided missiles), a significant share of defense purchases are made directly or indirectly from industries not typically associated with defense activities (e.g., employment services, printing, hospitals, postal services, and credit cards and finance companies).

### **LDEPPS: Defense-Related Employment**

Defense-related civilian employment (including the civilian employees of the Department of Defense) represents about 2.6 percent of projected total U.S. civilian employment in 2011. The composition of defense-related civilian employment differs somewhat from that of nondefense employment. The differences reflect the higher 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 15 percent of defense-related employment compared to only 10 percent of nondefense-related employment (see Table 3). Engineering workers also account for 22 percent of defense-related employment, but 20 percent of nondefense employment. At 34 percent compared to 28 percent, defense-related employment is also more concentrated in management and administrative jobs than nondefense-related employment. More detailed tabulations of defense-related employment (including a breakout of engineering and scientific personnel by specialty) are provided in Section I.

### **RDEPPS: Defense Expenditures by State**

Table 4 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2011 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.
- Every region contains 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.

#### **Differences 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 U.S. For instance, in 2011 retirement disbursements will be about \$30.5 billion more than accruals. Payments abroad will be about \$18.5 billion. Therefore, the *RDEPPS* direct expenditure will exceed the *IDEPPS* total by about \$12 billion.

## 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 overall defense budget 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.

Starting in the 2006 *Projected Defense Purchases: Detail by Industry and State* report, industries in the *DEPPS* model are categorized by the North American Industry Classification System (NAICS), replacing the Standard Industrial Classification (SIC). These new industry codes better reflect the industry makeup of the modern economy.

Starting in the 2010 *Projected Defense Purchases: Detail by Industry and State* report, industries in *IDEPPS* are categorized in the 2002 North American Industry Classification System (NAICS), and industry relationships in *IDEPPS* and *RDEPPS* are based on data deriving from the 2002 Benchmark input-output table, produced by BEA. *IDEPPS* still has 360 industries as before, but the industries have changed slightly. Of particular interest to the analysis of defense spending is the combination of Small arms (NAICS 332994) and Other ordnance and accessories (332995), so that separate detail for these industries is no longer available. Another area where industry detail has been lost is Other industrial machinery, which in the previous *IDEPPS* was divided into 6 separate industries, including Woodworking machinery (333210), Paper industry machinery (333291) and Food product machinery (333294). In certain other areas industry detail was increased, such as the previous sector Measuring devices and controls, which has been split into 3 new industries. Increased detail is also available in areas of manufacturing such as fabricated metals, pumps and compressors, and metalworking machinery. However, in general, we have tried to preserve as closely as possible the industrial detail available in the previous version of *IDEPPS*.

Other changes stemming from the update to the 2002 benchmark input-output table are due to updated and better measurement of changes in the distribution of output among industries, and in the structure of purchases and sales between industries. Of particular note is industry 315, Management of companies and enterprises (NAICS 55), which was newly introduced with the 1997 NAICS. This industry includes the sales of auxiliary establishments within large multiestablishment companies. These establishments provide central headquarters management and coordination, payroll and employee benefit services, advertising, warehousing and transportation, and other services. This industry's role has grown significantly, particularly as indirect sales to other industries important in the overall composition of defense goods and services.

**Table 1**  
**Composition of Defense and Nondefense DIRECT Purchases for 2011**

	<b>Direct Defense Purchases</b>	<b>Direct Nondefense Purchases</b>
<b>Manufacturing</b>	34%	24%
<b>Services</b>	58%	66%
<b>Construction, Agriculture and Mining</b>	8%	10%

**Table 2**  
**Composition of Defense and Nondefense INDIRECT Purchases for 2011**

	<b>Indirect Defense Purchases</b>	<b>Indirect Nondefense Purchases</b>
<b>Manufacturing</b>	32%	28%
<b>Services</b>	62%	63%
<b>Construction, Agriculture and Mining</b>	5%	9%

**Table 3**  
**Composition of Civilian Employment for 2011**  
 (this version was done with the 2008-2018 occupational matrix)

	<b>Defense-Related Employment</b>	<b>Nondefense-Related Employment</b>
<b>Installation, Maintenance, Repair and Production</b>	15%	10%
<b>Agricultural, Extraction, Construction and Transport</b>	13%	12%
<b>Engineers, Scientists and Technicians</b>	16%	12%
<b>Service and Sales Occupations</b>	16%	30%
<b>Management and Administrative</b>	34%	28%
<b>Other professional specialties</b>	6%	7%

**Table 4**  
**Estimated Defense Expenditures Per Capita, 2011**  
 (By State and Region, in 2011 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
<b>New England</b>	<b>14,882</b>	<b>263</b>	<b>2,055</b>	<b>2,318</b>	<b>1,144</b>	<b>3,462</b>
Connecticut	3,609	172	3,420	3,592	1,361	4,953
Maine	1,371	619	1,371	1,990	707	2,696
Massachusetts	6,707	188	1,935	2,122	1,295	3,417
New Hampshire	1,407	259	1,339	1,598	830	2,428
Rhode Island	1,128	576	728	1,304	801	2,104
Vermont	660	254	1,035	1,290	583	1,872
<b>Mid-Atlantic</b>	<b>41,364</b>	<b>227</b>	<b>928</b>	<b>1,155</b>	<b>1,005</b>	<b>2,159</b>
New Jersey	9,115	255	1,196	1,451	1,115	2,566
New York	19,571	191	773	964	976	1,941
Pennsylvania	12,678	261	975	1,236	969	2,205
<b>South Atlantic</b>	<b>60,938</b>	<b>1,020</b>	<b>1,776</b>	<b>2,796</b>	<b>1,111</b>	<b>3,907</b>
Delaware	898	644	637	1,281	1,563	2,844
District of Columbia	528	6,272	9,949	16,221	5,888	22,109
Florida	19,725	516	967	1,483	679	2,162
Georgia	9,770	1,052	1,207	2,259	976	3,235
Maryland	5,997	1,059	2,388	3,446	1,171	4,618
North Carolina	9,526	975	640	1,615	833	2,448
South Carolina	4,510	774	877	1,651	776	2,427
Virginia	8,144	2,243	5,698	7,942	2,524	10,465
West Virginia	1,839	224	422	646	668	1,314
<b>East North Central</b>	<b>47,440</b>	<b>207</b>	<b>816</b>	<b>1,024</b>	<b>988</b>	<b>2,012</b>
Illinois	13,023	212	737	950	993	1,943
Indiana	6,452	225	1,062	1,287	1,154	2,441
Michigan	10,522	135	487	622	773	1,395
Ohio	11,652	300	823	1,123	1,079	2,202
Wisconsin	5,790	121	1,306	1,427	1,000	2,427
<b>West North Central</b>	<b>20,559</b>	<b>438</b>	<b>1,082</b>	<b>1,520</b>	<b>939</b>	<b>2,459</b>
Iowa	3,031	142	706	848	870	1,718
Kansas	2,830	1,069	1,103	2,172	994	3,165
Minnesota	5,499	120	705	824	1,037	1,862
Missouri	5,984	420	1,663	2,084	938	3,021
Nebraska	1,783	674	1,088	1,762	862	2,624
North Dakota	640	1,094	758	1,852	759	2,612
South Dakota	793	603	920	1,524	661	2,185

Source : RDEPPS Calculations

**Table 4 (continued)**  
**Estimated Defense Expenditures Per Capita, 2011**  
 (By State and Region, in 2011 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
<b>East South Central</b>	<b>18,254</b>	<b>684</b>	<b>1,798</b>	<b>2,482</b>	<b>1,155</b>	<b>3,637</b>
Alabama	4,634	916	3,966	4,882	2,116	6,998
Kentucky	4,306	1,057	1,101	2,159	952	3,111
Mississippi	2,997	632	1,698	2,331	674	3,005
Tennessee	6,317	283	730	1,013	817	1,829
<b>West South Central</b>	<b>36,342</b>	<b>694</b>	<b>1,421</b>	<b>2,115</b>	<b>1,091</b>	<b>3,206</b>
Arkansas	2,909	446	563	1,009	844	1,853
Louisiana	4,650	501	1,030	1,531	1,374	2,905
Oklahoma	3,624	1,057	985	2,042	848	2,889
Texas	25,158	706	1,656	2,362	1,102	3,464
<b>Mountain</b>	<b>22,214</b>	<b>687</b>	<b>1,493</b>	<b>2,181</b>	<b>918</b>	<b>3,098</b>
Arizona	6,836	495	1,848	2,343	808	3,151
Colorado	4,900	1,001	1,942	2,942	1,236	4,178
Idaho	1,548	468	332	800	537	1,337
Montana	980	545	429	974	548	1,522
Nevada	2,776	573	1,152	1,724	728	2,452
New Mexico	2,004	914	1,112	2,026	989	3,014
Utah	2,645	708	1,611	2,319	1,053	3,372
Wyoming	525	808	777	1,585	1,247	2,832
<b>Pacific</b>	<b>51,240</b>	<b>617</b>	<b>1,337</b>	<b>1,954</b>	<b>1,092</b>	<b>3,047</b>
Alaska	705	3,804	6,618	10,422	6,160	16,581
California	38,671	380	1,341	1,721	1,046	2,767
Hawaii	1,358	4,374	2,369	6,743	1,247	7,990
Oregon	3,853	211	535	746	846	1,592
Washington	6,652	1,127	1,008	2,134	935	3,069
<b>United States</b>	<b>313,232</b>	<b>571</b>	<b>1,355</b>	<b>1,926</b>	<b>1,061</b>	<b>2,986</b>

Source : RDEPPS Calculations

**Table 5**  
**Sources of Projected Direct Defense Purchases**  
**Department of Defense**  
Rounded to Millions of 2011 dollars

	2009	2010	2011	2012	2013	2014	2015
Military Personnel	153,888	152,643	143,837	143,591	144,152	144,475	144,626
Operations & Maintenance	272,369	265,442	221,863	207,987	210,371	213,772	216,193
Aircraft	35,664	40,259	40,074	38,472	37,609	41,033	41,289
Missiles	9,227	10,735	9,620	9,368	8,905	9,948	9,589
Weapons and Tracked Vehicles	20,316	21,945	11,561	6,289	3,886	3,631	2,851
Ships and Conversions	19,472	15,508	18,177	20,703	24,123	18,886	21,003
Ammunition	4,611	5,576	4,994	4,289	3,967	4,199	4,306
Other	47,413	50,125	43,490	39,100	37,358	39,812	40,671
Total Procurement	136,704	144,148	127,915	118,221	115,849	117,508	119,709
Research, Development, Test, Evaluation	80,656	79,509	76,593	73,495	70,034	66,858	65,021
Military Construction	18,738	22,772	18,834	17,612	15,154	13,604	12,591
Family Housing and Homeowners Asst Prog	2,860	3,002	2,489	1,946	1,641	1,519	1,442
Defense-Wide Contingencies	25	76	0	0	0	0	0
Revolving and Management Funds	3,148	4,126	2,557	1,221	1,093	953	1,037
Trust & Receipts	-1,268	-1,326	-1,569	-1,541	-1,486	-1,444	-1,423
Deductions, Intragovernment Receipts	-119	-125	-122	-120	-117	-115	-114
<b>Total Direct Defense Purchases</b>	<b>667,000</b>	<b>670,265</b>	<b>592,397</b>	<b>562,413</b>	<b>556,691</b>	<b>557,128</b>	<b>559,082</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 2011 dollars

	2009	2010	2011	2012	2013	2014	2015
Military Personnel	26,139	25,549	24,311	24,196	24,181	24,404	24,268
Operations & Maintenance *	178,014	165,813	132,295	115,874	103,463	102,538	102,948
Aircraft	34,728	39,086	38,877	37,205	36,185	39,036	39,030
Missiles	8,962	10,333	9,214	8,836	8,446	9,417	9,075
Weapons and Tracked Vehicles	26,479	27,422	14,941	8,013	4,845	4,500	3,509
Ships and Conversions	21,060	15,814	18,582	21,377	24,956	18,621	20,619
Ammunition	4,412	5,280	4,691	3,989	3,626	3,805	3,857
Other	49,412	51,579	44,910	40,296	38,106	40,265	40,670
<b>Total Procurement</b>	<b>145,054</b>	<b>149,514</b>	<b>131,215</b>	<b>119,716</b>	<b>116,164</b>	<b>115,645</b>	<b>116,760</b>
Research, Development, Test, Evaluation	60,962	60,595	57,965	55,199	51,511	46,851	44,118
Military Construction	15,221	18,463	15,217	14,282	12,115	10,734	9,684
Family Housing	2,074	2,165	1,782	1,381	1,145	1,050	971
<b>Total Indirect Defense Purchases</b>	<b>427,464</b>	<b>422,098</b>	<b>362,785</b>	<b>330,647</b>	<b>308,578</b>	<b>301,221</b>	<b>298,750</b>

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\* 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 leading industries in defense production in 2010. 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 2011**

(Millions of 2011 dollars)

Ind #	Supplying Industry	2009	2010	2011	2012	2013	2014	2015
310	Scientific research and development services	50,245	50,594	46,592	44,441	42,258	40,500	39,463
303	Architectural, engineering, and related services	49,082	50,751	45,185	42,172	39,840	39,278	38,809
235	Aircraft	28,326	31,069	29,654	28,130	26,746	27,932	27,827
315	Management of companies and enterprises	27,689	27,695	23,954	21,855	20,490	20,137	19,953
265	Wholesale trade	26,547	25,961	22,590	20,827	19,731	19,212	19,145
285	Telecommunications	25,640	24,850	21,197	19,139	17,307	17,193	17,244
294	Real estate	23,535	22,914	19,683	17,944	16,663	16,335	16,254
270	Truck transportation	24,845	23,624	19,326	17,088	15,963	16,042	16,136
267	Air transportation	21,732	20,864	18,158	16,539	14,910	15,029	15,167
32	New non-residential building construction	20,640	22,323	18,127	15,982	13,703	12,831	12,225
328	Offices of physicians, dentists, and other health practitioners	19,514	17,780	17,739	17,948	17,964	17,419	17,649
35	Maintenance and repair of nonresidential buildings, infrastructure and other	22,417	21,920	17,169	14,675	12,839	12,637	12,499
308	Management, scientific, and technical consulting services	17,417	17,046	13,868	12,540	11,598	11,453	11,345
241	Ship building and repairing	16,543	11,894	13,553	15,726	18,690	13,061	14,590
237	Other aircraft parts and auxiliary equipment	12,106	13,098	12,615	11,834	11,403	11,858	11,830
94	Petroleum refineries	13,800	13,712	11,132	9,666	8,757	8,668	8,647
307	Other computer related services, including facilities management	13,116	12,710	11,099	10,553	10,110	10,034	10,122
203	Search, detection, and navigation instruments	11,205	11,664	10,700	10,109	9,715	10,173	10,316
312	All other miscellaneous professional, scientific, and technical services	12,746	12,378	10,587	9,727	9,048	8,712	8,538
184	Other engine equipment	11,282	11,420	10,403	9,983	9,910	10,088	10,206
28	Electric power generation, transmission, and distribution	12,699	12,336	10,396	9,225	8,286	8,165	8,125
311	Advertising and related services	11,386	11,199	9,508	8,653	8,075	8,033	8,016
197	Broadcast and wireless communications equipment	10,187	11,308	9,435	8,982	8,425	8,612	8,326
238	Guided missiles and space vehicles	8,837	9,580	9,146	8,584	8,312	8,322	8,383
340	Food services and drinking places	10,614	10,275	8,836	8,116	7,567	7,464	7,463
16	Crude oil extraction	10,849	10,721	8,745	7,680	6,751	6,741	6,574
291	Insurance carriers	9,798	9,557	8,592	8,108	7,744	7,709	7,728
236	Aircraft engines and engine parts	8,472	9,055	8,532	8,081	7,858	7,906	7,944
322	Employment services	9,574	9,397	8,105	7,462	7,026	6,890	6,868
288	Monetary authorities and depository credit intermediation	8,727	8,615	7,511	6,942	6,517	6,395	6,366
339	Hotels and other accomodations	8,672	8,401	7,287	6,719	6,274	6,249	6,259
273	Scenic and sightseeing transportation and support activities for transportation	8,528	8,085	7,138	6,608	6,180	6,192	6,232
135	Primary ferrous metal products	8,744	8,484	7,118	6,306	5,873	5,480	5,399
290	Securities, commodity contracts, investments, and related activities	8,307	8,146	7,096	6,534	6,205	5,973	5,970
269	Water transportation	8,624	8,258	6,853	6,163	5,844	5,895	5,945
301	Legal services	6,397	6,336	5,525	5,106	4,798	4,689	4,659
201	All other electronic components	6,059	6,201	5,513	5,191	4,949	5,001	4,931
275	Warehousing and storage	6,959	6,627	5,445	4,834	4,539	4,547	4,583

Source: IDEPPS calculations

**Table 7 (continued)**  
**Projected (Direct + Indirect) Defense Purchases from 75 Industries Leading in Defense Production in 2011**

(Millions of 2011 dollars)

Ind #	Supplying Industry	2009	2010	2011	2012	2013	2014	2015
306	Computer systems design services	6,487	6,343	5,333	4,889	4,507	4,484	4,474
234	Motor vehicle parts	7,331	7,268	5,234	3,978	3,355	3,274	3,132
317	Facilities support services	6,927	6,437	4,764	3,967	3,414	3,401	3,405
320	Services to buildings and dwellings	5,752	5,585	4,746	4,316	3,987	3,898	3,873
244	Military armored vehicles, tanks, and tank components	7,520	6,908	4,730	3,116	2,296	2,064	1,827
296	Automotive equipment rental and leasing	5,711	5,487	4,711	4,191	3,917	3,867	3,860
152	Ammunition	4,694	5,307	4,513	3,845	3,583	3,784	3,832
300	Lessors of nonfinancial intangible assets	5,309	5,179	4,506	4,214	3,909	3,787	3,726
351	Postal service	5,455	5,275	4,500	4,021	3,625	3,616	3,627
92	Printing	5,147	4,925	4,296	3,859	3,414	3,470	3,492
302	Accounting, tax preparation, bookkeeping, and payroll services	4,747	4,638	4,030	3,729	3,512	3,425	3,413
280	Software publishers	4,577	4,615	3,823	3,529	3,318	3,315	3,302
342	Electronic and precision equipment repair and maintenance	3,962	4,152	3,801	3,641	3,507	3,513	3,563
324	Waste management and remediation services	5,781	5,318	3,800	3,126	2,728	2,678	2,666
286	Data processing, hosting and internet service providers	4,345	4,238	3,648	3,360	3,166	3,065	3,062
230	Heavy duty trucks	5,235	5,646	3,409	1,781	1,180	1,151	961
268	Rail transportation	4,316	4,122	3,397	3,003	2,779	2,766	2,765
153	Arms, ordnance, and accessories	3,358	3,798	3,325	2,683	2,553	2,663	2,622
305	Custom computer programming services	4,263	4,083	3,319	2,956	2,696	2,673	2,647
266	Retail trade	3,813	3,663	3,131	2,884	2,674	2,616	2,618
200	Semiconductors and electron tubes	3,476	3,580	3,100	2,844	2,673	2,647	2,615
299	Commercial and industrial machinery and equipment rental and leasing	3,727	3,661	3,073	2,777	2,533	2,509	2,492
274	Couriers and messengers	3,702	3,559	3,002	2,716	2,544	2,530	2,535
343	Commercial and industrial machinery and equipment repair and maintenance	3,559	3,486	2,953	2,611	2,432	2,367	2,336
33	Highway, street, bridge, tunnel, water, sewer, pipeline and other construction	3,488	3,731	2,940	3,018	2,644	2,388	2,182
318	Business support services	3,368	3,313	2,872	2,651	2,511	2,439	2,438
321	Other support services	3,357	3,310	2,859	2,635	2,505	2,468	2,474
292	Insurance agencies, brokerages, and related activities	3,235	3,151	2,824	2,657	2,535	2,515	2,520
239	Propulsion units and parts for space vehicles and guided missiles	2,924	3,380	2,801	2,515	2,449	2,521	2,539
119	Other plastics products	3,225	3,234	2,800	2,562	2,400	2,359	2,343
289	Nondepository credit intermediation and related activities	3,282	3,196	2,758	2,528	2,375	2,311	2,306
198	Other communications equipment	3,102	3,375	2,713	2,581	2,347	2,481	2,376
29	Natural gas distribution	3,188	3,105	2,600	2,298	2,059	2,026	2,001
147	Plate work and fabricated structural products	3,052	3,045	2,581	2,361	2,203	2,105	2,088
75	Apparel accessories and other apparel	3,385	3,210	2,561	2,308	2,211	2,202	2,189
102	Plastics materials and resins	3,003	2,951	2,485	2,224	2,070	1,995	1,973
316	Office administrative services	3,025	2,934	2,485	2,269	2,117	2,069	2,065

**Table 8**  
**Projected Defense and Defense-Related Employment by Occupational Category**  
(Thousands of Workers)  
Fiscal Year 2011 LDEPPS, with 2008-2018 Occupational Projections matrices

<b>Occupational Category</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Management, financial, and business operations	713	697	627	585	556	541	532
Computer and mathematical science occupations	167	159	137	124	115	110	107
Architectural and engineering occupations	294	289	261	244	232	224	220
Life, physical and social science occupations	88	87	79	74	70	68	67
Healthcare practioners and technical occupations	170	160	151	147	144	140	140
Other professional specialties	261	253	223	206	194	188	184
Service occupations	518	500	430	391	363	353	349
Sales and related occupations	240	231	198	178	164	157	154
Office and administrative support occupations	821	794	696	640	599	582	573
Farming, fishing, and forestry occupations	12	12	10	9	8	8	8
Construction and extraction occupations	218	213	189	177	167	163	161
Installation, maintenance, and repair occupations	237	230	207	193	183	179	177
Production occupations	481	470	401	355	328	314	306
Transportation and material moving occupations	407	390	330	295	273	267	264
<b>Total All Categories</b>	<b>4,627</b>	<b>4,486</b>	<b>3,938</b>	<b>3,619</b>	<b>3,395</b>	<b>3,295</b>	<b>3,243</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)

	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>Computer and mathematical science occupations</b>							
Computer specialists	158.1	150.9	129.2	116.2	107.3	102.8	100.2
Mathematical science occupations	8.7	8.6	8.0	7.7	7.4	7.3	7.2
<b>Total</b>	<b>166.9</b>	<b>159.5</b>	<b>137.2</b>	<b>123.8</b>	<b>114.7</b>	<b>110.1</b>	<b>107.4</b>
<b>Architectural and engineering occupations</b>							
Architects, surveyors, and cartographers	25.0	24.7	21.7	20.0	18.7	18.0	17.5
Aerospace engineers	6.1	6.0	5.7	5.5	5.4	5.3	5.3
Chemical engineers	2.4	2.4	2.2	2.0	1.9	1.9	1.8
Civil engineers	26.8	26.6	24.2	22.8	21.7	21.1	20.8
Electrical and electronics engineers	42.1	41.7	38.5	36.5	35.1	34.4	33.8
Industrial engineers, incl health and safety	24.4	23.7	21.0	19.1	17.9	17.2	16.7
Mechanical engineers	31.6	30.8	27.9	25.9	24.6	23.8	23.3
Materials engineers	3.2	3.1	2.8	2.6	2.4	2.3	2.3
All other engineers	44.0	43.1	39.4	37.1	35.4	34.3	33.7
Drafters, engineering, and mapping technicians	88.7	87.1	78.0	72.4	68.4	66.0	64.6
<b>Total</b>	<b>294.4</b>	<b>289.3</b>	<b>261.4</b>	<b>244.0</b>	<b>231.7</b>	<b>224.3</b>	<b>219.7</b>
<b>Life, physical and social science occupations</b>							
Life scientists	15.6	15.4	14.0	13.1	12.5	12.2	12.0
Chemists and materials scientists	6.1	6.0	5.4	5.0	4.8	4.6	4.5
Environmental scientists and geoscientists	7.8	7.7	6.8	6.2	5.8	5.6	5.5
Astronomers, physicists, atmospheric & space scientists	3.5	3.5	3.3	3.2	3.2	3.1	3.1
All other physical scientists	3.4	3.4	3.2	3.1	3.0	3.0	2.9
Social scientists and related occupations	34.1	33.5	30.4	28.6	27.3	26.6	26.1
Life, physical, and social science technicians	17.9	17.6	15.7	14.6	13.8	13.4	13.1
<b>Total</b>	<b>88.3</b>	<b>87.1</b>	<b>78.8</b>	<b>74.0</b>	<b>70.4</b>	<b>68.4</b>	<b>67.3</b>
<b>Total Computer, Engineers, and Scientists</b>	<b>549.5</b>	<b>535.9</b>	<b>477.4</b>	<b>441.8</b>	<b>416.8</b>	<b>402.8</b>	<b>394.4</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 2011 dollars)

<b>State</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Alabama	25,095	24,768	22,625	21,780	21,562	20,250	20,184
Alaska	8,314	8,347	7,348	6,972	6,795	6,945	6,967
Arizona	17,167	17,844	16,019	15,062	14,597	13,897	13,917
Arkansas	3,311	3,332	2,935	2,752	2,706	2,323	2,335
California	73,209	73,769	66,548	63,484	62,191	58,547	58,304
Colorado	15,831	15,941	14,416	13,838	13,544	12,766	12,746
Connecticut	13,705	13,470	12,963	12,768	12,949	12,043	12,290
Delaware	1,303	1,298	1,151	1,100	1,085	969	971
District of Columbia	10,006	9,983	8,565	8,127	8,234	8,608	8,683
Florida	33,135	33,143	29,254	27,595	26,951	23,310	23,428
Georgia	24,449	24,672	22,069	21,232	21,199	20,651	20,798
Hawaii	10,261	10,262	9,160	8,943	9,129	9,510	9,582
Idaho	1,383	1,383	1,239	1,193	1,179	978	980
Illinois	14,573	14,539	12,366	11,270	10,822	10,333	10,320
Indiana	10,297	10,541	8,301	7,119	6,689	6,494	6,414
Iowa	2,902	2,977	2,570	2,394	2,292	2,148	2,139
Kansas	6,686	6,807	6,147	5,920	5,863	5,813	5,828
Kentucky	10,563	10,454	9,294	8,893	8,737	8,816	8,848
Louisiana	8,183	8,260	7,121	6,695	6,563	6,181	6,217
Maine	3,032	2,873	2,728	2,771	3,004	2,541	2,626
Maryland	23,312	23,599	20,668	19,758	19,812	19,194	19,259
Massachusetts	15,522	16,079	14,233	13,308	12,770	12,538	12,435
Michigan	8,014	7,936	6,546	5,799	5,537	5,120	5,092
Minnesota	5,162	5,191	4,534	4,165	3,955	3,730	3,744
Mississippi	8,082	7,178	6,984	7,275	7,901	6,451	6,781
Missouri	13,287	13,871	12,468	11,639	11,331	11,122	11,171
Montana	1,075	1,077	955	913	903	782	785
Nebraska	3,584	3,524	3,141	3,010	2,981	2,783	2,799
Nevada	5,456	5,382	4,786	4,538	4,370	3,897	3,905
New Hampshire	2,510	2,561	2,249	2,100	2,014	1,854	1,856
New Jersey	14,709	15,029	13,222	12,554	12,399	12,358	12,442
New Mexico	4,495	4,540	4,059	3,909	3,909	3,568	3,569
New York	21,340	21,310	18,873	17,870	17,300	16,774	16,773
North Carolina	17,143	17,043	15,384	14,941	14,912	14,115	14,165
North Dakota	1,322	1,335	1,185	1,147	1,139	1,134	1,134
Ohio	14,591	14,781	13,090	12,438	12,434	11,828	11,849
Oklahoma	8,162	8,229	7,399	7,231	7,463	7,225	7,307
Oregon	3,418	3,407	2,874	2,608	2,505	2,072	2,056
Pennsylvania	18,109	18,234	15,669	14,418	14,213	13,465	13,521
Rhode Island	1,587	1,637	1,470	1,440	1,519	1,459	1,481
South Carolina	8,592	8,564	7,445	6,943	6,813	5,952	5,966
South Dakota	1,327	1,304	1,208	1,183	1,181	1,083	1,090
Tennessee	7,552	7,529	6,397	5,887	5,705	4,780	4,798
Texas	65,605	66,773	59,412	55,691	53,948	51,745	51,668
Utah	6,461	6,951	6,134	5,909	6,035	6,054	6,122
Vermont	906	950	851	788	769	738	742
Virginia	74,917	73,361	64,676	62,259	62,739	58,372	59,058
Washington	15,482	15,648	14,198	13,817	14,014	13,231	13,321
West Virginia	1,338	1,352	1,188	1,118	1,097	929	930
Wisconsin	9,964	10,055	8,262	7,237	6,738	6,621	6,566
Wyoming	941	941	831	793	781	726	727
<b>U.S. Total</b>	<b>677,370</b>	<b>680,029</b>	<b>603,209</b>	<b>572,596</b>	<b>565,274</b>	<b>534,824</b>	<b>536,689</b>

Source: RDEPPS Calculations

**Table 11**  
**Projections of Total Direct Procurement & RDT&E Expenditures, by State**  
(Millions of 2011 dollars)

<b>State</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Alabama	9,049	9,140	8,732	8,333	7,989	7,672	7,494
Alaska	1,130	1,209	1,157	1,070	1,042	1,060	1,078
Arizona	7,956	8,764	8,048	7,488	7,200	7,508	7,507
Arkansas	574	602	515	430	399	424	433
California	32,970	33,833	31,976	30,702	29,682	28,913	28,544
Colorado	4,347	4,633	4,319	4,112	3,952	3,984	3,934
Connecticut	10,881	10,688	10,528	10,468	10,714	9,999	10,239
Delaware	93	91	86	80	77	78	79
District of Columbia	1,443	1,507	1,377	1,271	1,229	1,291	1,308
Florida	6,947	7,337	6,679	6,179	5,953	6,148	6,205
Georgia	3,838	4,124	3,834	3,602	3,502	3,816	3,896
Hawaii	522	469	453	442	458	477	513
Idaho	78	78	68	61	58	62	64
Illinois	4,056	4,070	3,336	2,791	2,529	2,585	2,546
Indiana	5,587	5,848	4,255	3,281	2,831	2,974	2,874
Iowa	1,165	1,269	1,112	1,038	987	1,029	1,019
Kansas	1,346	1,457	1,378	1,294	1,248	1,313	1,325
Kentucky	806	862	766	667	636	685	697
Louisiana	2,112	2,154	1,852	1,701	1,690	1,630	1,682
Maine	1,381	1,161	1,188	1,239	1,354	1,070	1,144
Maryland	6,702	6,983	6,359	6,062	5,853	6,002	5,979
Massachusetts	9,005	9,668	8,955	8,503	8,156	8,230	8,110
Michigan	2,859	2,779	2,123	1,645	1,415	1,404	1,358
Minnesota	1,350	1,462	1,292	1,147	1,093	1,147	1,151
Mississippi	3,614	2,703	2,990	3,396	3,982	2,921	3,241
Missouri	6,506	7,140	6,635	6,132	5,895	6,201	6,226
Montana	71	72	62	54	51	55	57
Nebraska	377	383	348	320	305	313	316
Nevada	498	545	488	453	434	460	459
New Hampshire	1,215	1,296	1,183	1,118	1,074	1,115	1,114
New Jersey	4,943	5,405	4,852	4,591	4,438	4,640	4,672
New Mexico	1,005	1,028	969	924	888	884	874
New York	7,481	7,616	7,035	6,784	6,637	6,391	6,377
North Carolina	883	869	773	692	667	720	742
North Dakota	60	58	52	47	45	50	53
Ohio	4,637	4,798	4,412	4,112	3,913	3,940	3,906
Oklahoma	777	790	731	684	674	757	795
Oregon	1,020	1,020	792	641	567	544	524
Pennsylvania	7,391	7,514	6,561	5,825	5,523	5,537	5,545
Rhode Island	278	288	275	263	260	285	297
South Carolina	1,885	1,900	1,510	1,217	1,094	1,124	1,120
South Dakota	86	91	82	74	72	79	81
Tennessee	1,350	1,435	1,212	1,061	997	1,041	1,045
Texas	26,325	27,851	24,976	22,705	21,372	21,777	21,603
Utah	2,706	3,072	2,742	2,601	2,539	2,721	2,765
Vermont	479	525	480	437	423	451	454
Virginia	18,006	17,263	16,615	16,602	17,045	15,644	16,076
Washington	2,848	2,893	2,737	2,593	2,529	2,601	2,652
West Virginia	255	266	239	216	205	210	211
Wisconsin	6,379	6,559	5,293	4,500	4,138	4,333	4,273
Wyoming	88	88	78	70	66	71	73
<b>U.S. Total</b>	<b>217,360</b>	<b>223,657</b>	<b>204,508</b>	<b>191,716</b>	<b>185,882</b>	<b>184,366</b>	<b>184,730</b>

Source: RDEPPS Calculations

**Table 12**  
**Projections of Total Direct Expenditures, Excluding Procurement and RDT&E, by State**  
(Millions of 2011 dollars)

<b>State</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Alabama	16,046	15,627	13,892	13,447	13,572	12,577	12,690
Alaska	7,184	7,138	6,191	5,902	5,753	5,885	5,889
Arizona	9,211	9,080	7,971	7,574	7,397	6,389	6,409
Arkansas	2,738	2,730	2,420	2,323	2,307	1,899	1,902
California	40,239	39,936	34,572	32,782	32,508	29,634	29,760
Colorado	11,484	11,308	10,097	9,726	9,592	8,782	8,812
Connecticut	2,825	2,781	2,434	2,300	2,235	2,044	2,051
Delaware	1,210	1,207	1,065	1,019	1,008	891	892
District of Columbia	8,563	8,476	7,188	6,856	7,005	7,317	7,375
Florida	26,188	25,806	22,575	21,416	20,998	17,162	17,223
Georgia	20,612	20,547	18,235	17,631	17,697	16,835	16,902
Hawaii	9,738	9,793	8,707	8,501	8,671	9,033	9,069
Idaho	1,305	1,305	1,171	1,132	1,121	916	916
Illinois	10,517	10,468	9,029	8,479	8,293	7,748	7,774
Indiana	4,710	4,694	4,046	3,838	3,858	3,520	3,540
Iowa	1,738	1,708	1,459	1,355	1,305	1,119	1,120
Kansas	5,340	5,350	4,769	4,626	4,615	4,500	4,503
Kentucky	9,757	9,591	8,528	8,226	8,101	8,131	8,152
Louisiana	6,072	6,106	5,269	4,994	4,873	4,551	4,535
Maine	1,651	1,712	1,540	1,532	1,650	1,471	1,482
Maryland	16,610	16,616	14,309	13,696	13,959	13,193	13,280
Massachusetts	6,517	6,411	5,278	4,805	4,613	4,308	4,325
Michigan	5,154	5,157	4,423	4,154	4,121	3,716	3,733
Minnesota	3,813	3,729	3,241	3,018	2,862	2,583	2,593
Mississippi	4,468	4,474	3,994	3,879	3,919	3,531	3,540
Missouri	6,781	6,731	5,833	5,507	5,436	4,921	4,945
Montana	1,004	1,006	893	859	852	727	727
Nebraska	3,207	3,141	2,794	2,691	2,676	2,470	2,483
Nevada	4,958	4,838	4,298	4,085	3,936	3,437	3,446
New Hampshire	1,295	1,264	1,066	981	940	739	742
New Jersey	9,766	9,624	8,370	7,963	7,962	7,719	7,770
New Mexico	3,490	3,511	3,090	2,985	3,021	2,684	2,695
New York	13,859	13,694	11,838	11,086	10,663	10,382	10,396
North Carolina	16,260	16,174	14,611	14,249	14,244	13,395	13,423
North Dakota	1,262	1,277	1,133	1,100	1,094	1,084	1,082
Ohio	9,954	9,983	8,678	8,326	8,520	7,889	7,942
Oklahoma	7,384	7,439	6,668	6,547	6,789	6,468	6,512
Oregon	2,397	2,387	2,082	1,968	1,937	1,529	1,532
Pennsylvania	10,718	10,720	9,108	8,593	8,690	7,927	7,977
Rhode Island	1,309	1,348	1,195	1,177	1,259	1,174	1,184
South Carolina	6,707	6,664	5,935	5,726	5,719	4,827	4,847
South Dakota	1,241	1,213	1,126	1,109	1,110	1,004	1,009
Tennessee	6,203	6,094	5,185	4,827	4,708	3,739	3,754
Texas	39,279	38,922	34,437	32,986	32,576	29,968	30,065
Utah	3,755	3,879	3,392	3,309	3,496	3,334	3,356
Vermont	426	425	371	351	345	288	288
Virginia	56,910	56,098	48,062	45,657	45,694	42,728	42,982
Washington	12,635	12,755	11,461	11,225	11,485	10,629	10,669
West Virginia	1,082	1,087	949	902	892	719	719
Wisconsin	3,585	3,496	2,969	2,737	2,601	2,288	2,293
Wyoming	853	852	753	723	715	655	655
<b>U.S. Total</b>	<b>460,010</b>	<b>456,372</b>	<b>398,701</b>	<b>380,880</b>	<b>379,392</b>	<b>350,458</b>	<b>351,959</b>

Source: RDEPPS Calculations

**Table 13**  
**Projections of Indirect Defense Purchases Resulting from Direct Purchases, by State**  
(Millions of 2011 dollars)

<b>State</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Alabama	11,549	11,277	9,805	8,976	8,347	8,015	7,876
Alaska	5,178	5,070	4,343	3,997	3,652	3,590	3,526
Arizona	6,337	6,361	5,522	5,028	4,727	4,656	4,623
Arkansas	2,945	2,882	2,455	2,211	2,045	1,973	1,932
California	47,282	46,544	40,463	37,117	34,542	33,568	33,081
Colorado	7,106	7,005	6,054	5,545	5,137	5,028	4,960
Connecticut	5,668	5,606	4,913	4,516	4,233	4,092	4,032
Delaware	1,650	1,623	1,404	1,289	1,201	1,176	1,163
District of Columbia	3,814	3,685	3,109	2,826	2,631	2,576	2,579
Florida	15,789	15,524	13,386	12,259	11,452	11,189	11,106
Georgia	11,383	11,159	9,537	8,650	8,038	7,838	7,752
Hawaii	2,029	1,978	1,693	1,547	1,440	1,411	1,405
Idaho	983	966	831	754	698	678	666
Illinois	15,461	15,123	12,932	11,702	10,840	10,515	10,369
Indiana	9,141	8,878	7,448	6,537	5,967	5,726	5,588
Iowa	3,156	3,074	2,636	2,384	2,214	2,131	2,096
Kansas	3,295	3,257	2,812	2,575	2,393	2,331	2,301
Kentucky	4,974	4,841	4,100	3,667	3,373	3,264	3,210
Louisiana	7,624	7,526	6,391	5,862	5,238	5,247	5,098
Maine	1,089	1,102	969	892	847	831	822
Maryland	8,281	8,130	7,023	6,443	6,016	5,835	5,778
Massachusetts	9,839	9,849	8,685	8,035	7,576	7,341	7,209
Michigan	9,944	9,715	8,134	7,204	6,609	6,392	6,268
Minnesota	6,764	6,650	5,704	5,180	4,806	4,687	4,633
Mississippi	2,410	2,367	2,020	1,839	1,694	1,647	1,615
Missouri	6,604	6,515	5,610	5,097	4,738	4,597	4,531
Montana	632	625	537	490	452	444	437
Nebraska	1,841	1,797	1,536	1,394	1,297	1,263	1,251
Nevada	2,384	2,345	2,020	1,848	1,722	1,682	1,669
New Hampshire	1,374	1,353	1,168	1,063	989	957	941
New Jersey	11,866	11,813	10,166	9,307	8,687	8,543	8,473
New Mexico	2,323	2,287	1,981	1,831	1,652	1,627	1,576
New York	22,563	22,163	19,107	17,460	16,300	15,873	15,723
North Carolina	9,493	9,291	7,938	7,168	6,650	6,460	6,375
North Dakota	580	566	486	443	411	399	394
Ohio	15,123	14,816	12,573	11,265	10,375	10,022	9,837
Oklahoma	3,689	3,615	3,073	2,810	2,529	2,500	2,433
Oregon	3,874	3,808	3,260	2,934	2,703	2,613	2,556
Pennsylvania	14,673	14,396	12,287	11,092	10,235	9,934	9,771
Rhode Island	1,071	1,051	903	820	762	740	731
South Carolina	4,227	4,122	3,501	3,146	2,906	2,809	2,767
South Dakota	622	608	524	479	446	433	428
Tennessee	6,205	6,068	5,159	4,635	4,276	4,141	4,073
Texas	32,917	32,393	27,727	25,359	22,979	22,705	22,121
Utah	3,164	3,235	2,786	2,549	2,389	2,385	2,378
Vermont	456	448	385	349	323	313	307
Virginia	24,931	24,262	20,553	18,706	17,409	17,034	17,004
Washington	7,276	7,195	6,220	5,692	5,300	5,159	5,097
West Virginia	1,490	1,456	1,229	1,098	996	963	941
Wisconsin	6,939	6,783	5,790	5,220	4,830	4,666	4,596
Wyoming	794	776	654	597	516	516	491
<b>U.S. Total</b>	<b>390,803</b>	<b>383,978</b>	<b>329,541</b>	<b>299,885</b>	<b>277,589</b>	<b>270,514</b>	<b>266,587</b>

Source: RDEPPS Calculations

**Table 14**  
**Projections of Induced Defense Purchases Resulting from Direct Pay, by State**  
(Millions of 2011 dollars)

<b>State</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Alabama	2,258	2,366	2,211	2,279	2,542	2,854	2,887
Alaska	1,021	1,066	995	1,026	1,144	1,286	1,301
Arizona	1,858	1,947	1,817	1,872	2,088	2,343	2,369
Arkansas	885	930	868	893	996	1,117	1,128
California	11,514	12,084	11,267	11,594	12,923	14,480	14,619
Colorado	2,434	2,551	2,383	2,460	2,744	3,081	3,115
Connecticut	898	946	882	907	1,011	1,132	1,141
Delaware	401	420	391	402	448	502	506
District of Columbia	1,321	1,381	1,290	1,331	1,484	1,668	1,688
Florida	5,657	5,934	5,538	5,707	6,365	7,143	7,221
Georgia	5,203	5,454	5,096	5,256	5,865	6,586	6,661
Hawaii	2,244	2,344	2,189	2,258	2,518	2,830	2,864
Idaho	429	449	419	431	481	539	545
Illinois	3,148	3,309	3,086	3,173	3,537	3,962	3,999
Indiana	1,723	1,817	1,698	1,744	1,946	2,183	2,208
Iowa	690	728	680	698	779	872	879
Kansas	1,455	1,524	1,424	1,468	1,638	1,838	1,859
Kentucky	2,240	2,348	2,193	2,260	2,521	2,830	2,862
Louisiana	1,761	1,826	1,694	1,736	1,927	2,155	2,170
Maine	485	508	475	489	545	612	619
Maryland	3,067	3,211	2,998	3,091	3,447	3,871	3,915
Massachusetts	1,548	1,629	1,517	1,559	1,737	1,944	1,961
Michigan	2,131	2,253	2,112	2,174	2,427	2,720	2,749
Minnesota	1,120	1,178	1,097	1,126	1,255	1,404	1,416
Mississippi	1,025	1,075	1,004	1,034	1,154	1,295	1,310
Missouri	1,798	1,890	1,765	1,817	2,028	2,275	2,299
Montana	276	289	269	277	309	347	351
Nebraska	707	742	693	713	794	891	900
Nevada	834	875	816	841	938	1,053	1,064
New Hampshire	314	330	308	316	353	395	399
New Jersey	2,526	2,655	2,476	2,548	2,841	3,186	3,219
New Mexico	867	906	845	871	970	1,089	1,101
New York	5,205	5,482	5,119	5,273	5,875	6,571	6,622
North Carolina	5,129	5,382	5,025	5,176	5,774	6,479	6,549
North Dakota	332	348	324	334	373	418	423
Ohio	3,118	3,280	3,063	3,151	3,515	3,942	3,983
Oklahoma	1,807	1,891	1,766	1,821	2,030	2,280	2,306
Oregon	794	833	776	798	889	996	1,005
Pennsylvania	3,167	3,326	3,102	3,190	3,558	3,991	4,032
Rhode Island	391	410	382	393	439	492	498
South Carolina	1,753	1,838	1,717	1,770	1,975	2,218	2,244
South Dakota	295	310	289	297	331	371	375
Tennessee	1,683	1,771	1,653	1,700	1,897	2,127	2,149
Texas	10,134	10,592	9,875	10,166	11,327	12,706	12,836
Utah	1,027	1,077	1,005	1,035	1,154	1,296	1,310
Vermont	141	148	138	142	159	178	180
Virginia	8,019	8,389	7,834	8,079	9,009	10,120	10,237
Washington	3,627	3,796	3,544	3,653	4,073	4,572	4,622
West Virginia	310	326	304	313	349	392	396
Wisconsin	1,062	1,120	1,045	1,073	1,199	1,343	1,356
Wyoming	207	217	202	208	232	261	264
<b>U.S. Total</b>	<b>112,040</b>	<b>117,501</b>	<b>109,661</b>	<b>112,925</b>	<b>125,914</b>	<b>141,237</b>	<b>142,710</b>

Source: RDEPPS Calculations

## **SECTION II: PROJECTIONS FOR SELECTED INDUSTRIES (IDEPPS)**

The tables in this section show projected direct and indirect defense purchases from the 75 manufacturing industries most affected by defense spending.<sup>5</sup> 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 2009 to 2015. The lower portion of each table displays the purchasing sectors for the indirect sales of the subject industry in those years.

As indicated in the introduction, indirect (sometimes called intermediate) demand reflects the costs of materials, parts, and services that prime contractors buy from suppliers 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 top 10 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 appropriation such as operations and maintenance or aircraft procurement.

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<sup>5</sup> Although IDEPPS, the detailed interindustry model, forecasts defense demands by 360 industries, only the top 75 are presented in this section. A summary of all 360 industries sorted by the industry number is presented in the appendix.

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

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	46,180	46,556	43,026	41,113	39,075	37,429	36,402
Indirect Purchases	4,065	4,037	3,567	3,328	3,183	3,071	3,061
<b>Total :</b>	<b>50,245</b>	<b>50,594</b>	<b>46,592</b>	<b>44,441</b>	<b>42,258</b>	<b>40,500</b>	<b>39,463</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	4	4	3	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	7	7	5	5	4	4	4
Missiles	81	72	49	31	22	21	20
Motor Vehicles	571	615	585	548	524	520	514
Shipbuilding	2	2	2	1	1	1	1
Tanks	1	1	0	0	0	0	0
Other Electronic Equipment	18	16	12	10	9	9	8
Other Ordinances	0	0	0	0	0	0	0
Other	3,382	3,321	2,910	2,729	2,619	2,513	2,510
<b>Total :</b>	<b>4,065</b>	<b>4,037</b>	<b>3,567</b>	<b>3,328</b>	<b>3,183</b>	<b>3,071</b>	<b>3,061</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	106	104	97	96	95	95	94
Operations & Maintenance *	6,188	5,711	4,370	3,741	3,282	3,269	3,297
Aircraft	685	726	741	713	712	769	779
Missiles	896	1,055	1,007	984	967	1,040	1,015
Weapons and Tracked Vehicles	494	1,060	120	67	41	40	32
Shipbuilding	463	362	423	501	591	440	486
Ammunition	174	208	209	183	175	185	191
Other	3,177	3,410	2,829	2,647	2,571	2,788	2,856
<b>Total Procurement</b>	<b>5,889</b>	<b>6,822</b>	<b>5,330</b>	<b>5,095</b>	<b>5,056</b>	<b>5,261</b>	<b>5,359</b>
RDT&E	37,921	37,804	36,648	35,360	33,688	31,744	30,585
Military Construction	132	144	140	143	131	125	124
Family Housing	9	9	8	6	5	5	4
<b>Total :</b>	<b>50,245</b>	<b>50,594</b>	<b>46,592</b>	<b>44,441</b>	<b>42,258</b>	<b>40,500</b>	<b>39,463</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  
303 Architectural, engineering, and related services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	40,240	41,859	37,555	35,153	33,360	33,020	32,639
Indirect Purchases	8,842	8,892	7,630	7,019	6,479	6,258	6,170
<b>Total :</b>	<b>49,082</b>	<b>50,751</b>	<b>45,185</b>	<b>42,172</b>	<b>39,840</b>	<b>39,278</b>	<b>38,809</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	2	2	1	1	1
Missiles	44	38	26	17	12	11	10
Motor Vehicles	474	512	488	457	437	437	435
Shipbuilding	2	2	2	2	2	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	2	2	1
Other Ordinances	0	0	0	0	0	0	0
Other	8,314	8,332	7,109	6,539	6,024	5,804	5,719
<b>Total :</b>	<b>8,842</b>	<b>8,892</b>	<b>7,631</b>	<b>7,019</b>	<b>6,479</b>	<b>6,258</b>	<b>6,171</b>

*Note: numbers may not add due to rounding*

**Table 2b Sources of Projected Defense Purchases  
303 Architectural, engineering, and related services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	178	174	164	164	161	164	161
Operations & Maintenance *	21,249	20,500	16,873	15,369	14,353	14,331	14,441
Aircraft	2,576	3,093	3,224	3,072	3,010	3,336	3,235
Missiles	1,209	1,387	1,317	1,274	1,160	1,260	1,218
Weapons and Tracked Vehicles	869	1,123	468	281	181	158	115
Shipbuilding	3,964	4,421	5,032	5,058	5,322	5,581	6,012
Ammunition	63	75	77	66	63	67	68
Other	4,280	4,708	3,877	3,489	3,301	3,459	3,578
<b>Total Procurement</b>	<b>12,960</b>	<b>14,807</b>	<b>13,995</b>	<b>13,241</b>	<b>13,038</b>	<b>13,861</b>	<b>14,226</b>
RDT&E	12,259	12,318	11,651	11,027	10,259	9,126	8,341
Military Construction	2,235	2,742	2,332	2,243	1,923	1,700	1,549
Family Housing	201	210	170	129	105	96	91
<b>Total :</b>	<b>49,082</b>	<b>50,751</b>	<b>45,185</b>	<b>42,172</b>	<b>39,840</b>	<b>39,278</b>	<b>38,809</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  
235 Aircraft**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28,138	30,882	29,487	27,977	26,606	27,794	27,691
Indirect Purchases	188	187	167	153	140	138	137
<b>Total :</b>	<b>28,326</b>	<b>31,069</b>	<b>29,654</b>	<b>28,130</b>	<b>26,746</b>	<b>27,932</b>	<b>27,827</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	128	122	106	97	87	88	89
<b>Total :</b>	<b>128</b>	<b>123</b>	<b>106</b>	<b>97</b>	<b>87</b>	<b>88</b>	<b>89</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	30	30	28	28	28	28	28
Operations & Maintenance *	1,308	1,222	911	756	641	644	653
Aircraft	18,712	21,657	21,085	20,284	19,674	21,815	22,049
Missiles	32	34	28	26	26	29	28
Weapons and Tracked Vehicles	7	15	2	2	1	1	1
Shipbuilding	1	0	1	1	1	1	1
Ammunition	2	3	3	3	3	3	3
Other	196	214	234	233	222	231	233
<b>Total Procurement</b>	<b>18,950</b>	<b>21,923</b>	<b>21,354</b>	<b>20,548</b>	<b>19,927</b>	<b>22,080</b>	<b>22,315</b>
RDT&E	8,032	7,888	7,354	6,792	6,144	5,174	4,827
Military Construction	5	6	6	6	5	5	5
Family Housing	0	0	0	0	0	0	0
<b>Total :</b>	<b>28,326</b>	<b>31,069</b>	<b>29,654</b>	<b>28,130</b>	<b>26,746</b>	<b>27,932</b>	<b>27,827</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  
315 Management of companies and enterprises**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	27,689	27,695	23,954	21,855	20,489	20,137	19,953
<b>Total :</b>	<b>27,689</b>	<b>27,695</b>	<b>23,954</b>	<b>21,855</b>	<b>20,490</b>	<b>20,137</b>	<b>19,953</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	35	37	27	24	23	24	24
Aircraft Parts	1	1	1	0	0	0	0
Ammunition	1	1	0	0	0	0	0
Communication Equipment	31	30	24	21	19	19	19
Missiles	783	691	472	302	216	203	195
Motor Vehicles	5,165	5,561	5,297	4,966	4,754	4,721	4,670
Shipbuilding	17	18	16	15	13	12	11
Tanks	4	3	2	2	2	2	2
Other Electronic Equipment	74	69	51	42	37	36	35
Other Ordinances	3	4	3	2	2	2	2
Other	21,577	21,281	18,063	16,481	15,424	15,119	14,996
<b>Total :</b>	<b>27,690</b>	<b>27,696</b>	<b>23,955</b>	<b>21,855</b>	<b>20,490</b>	<b>20,138</b>	<b>19,954</b>

*Note: numbers may not add due to rounding*

**Table 4b Sources of Projected Defense Purchases  
315 Management of companies and enterprises**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	1,380	1,349	1,274	1,266	1,257	1,269	1,255
Operations & Maintenance *	9,370	8,732	6,879	5,987	5,334	5,283	5,286
Aircraft	2,865	3,238	3,261	3,128	3,073	3,270	3,262
Missiles	942	1,089	974	921	892	999	969
Weapons and Tracked Vehicles	1,988	2,061	1,101	584	345	327	262
Shipbuilding	1,282	967	1,132	1,304	1,523	1,132	1,256
Ammunition	387	465	421	360	331	349	355
Other	4,483	4,709	4,151	3,791	3,597	3,792	3,834
<b>Total Procurement</b>	<b>11,947</b>	<b>12,529</b>	<b>11,040</b>	<b>10,088</b>	<b>9,760</b>	<b>9,868</b>	<b>9,939</b>
RDT&E	4,340	4,312	4,115	3,909	3,630	3,266	3,067
Military Construction	576	696	582	554	467	412	370
Family Housing	75	78	65	50	42	38	35
<b>Total :</b>	<b>27,689</b>	<b>27,695</b>	<b>23,954</b>	<b>21,855</b>	<b>20,490</b>	<b>20,137</b>	<b>19,953</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  
265 Wholesale trade**  
(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,123	6,712	6,212	6,033	5,950	5,796	5,883
Indirect Purchases	19,424	19,250	16,378	14,794	13,781	13,416	13,261
<b>Total :</b>	<b>26,547</b>	<b>25,961</b>	<b>22,590</b>	<b>20,827</b>	<b>19,731</b>	<b>19,212</b>	<b>19,145</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	22	22	16	14	14	14	14
Aircraft Parts	1	1	0	0	0	0	0
Ammunition	1	1	0	0	0	0	0
Communication Equipment	16	15	12	10	9	9	9
Missiles	533	468	319	203	144	135	129
Motor Vehicles	1,770	1,889	1,788	1,662	1,573	1,539	1,506
Shipbuilding	23	24	22	20	18	17	15
Tanks	3	3	2	2	1	1	1
Other Electronic Equipment	33	31	23	19	17	17	16
Other Ordinances	4	5	3	2	2	2	3
Other	17,020	16,791	14,192	12,861	12,002	11,681	11,568
<b>Total :</b>	<b>19,425</b>	<b>19,250</b>	<b>16,379</b>	<b>14,795</b>	<b>13,782</b>	<b>13,416</b>	<b>13,263</b>

*Note: numbers may not add due to rounding*

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

**265 Wholesale trade**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	1,035	1,010	948	936	935	938	930
Operations & Maintenance *	13,582	12,640	10,909	10,078	9,533	9,315	9,408
Aircraft	1,886	2,116	2,093	1,998	1,931	2,088	2,088
Missiles	391	447	388	369	351	392	376
Weapons and Tracked Vehicles	1,884	1,942	1,071	580	355	327	253
Shipbuilding	1,113	797	939	1,094	1,290	921	1,020
Ammunition	242	289	256	216	196	205	208
Other	3,193	3,333	2,916	2,675	2,549	2,712	2,724
<b>Total Procurement</b>	<b>8,709</b>	<b>8,925</b>	<b>7,663</b>	<b>6,933</b>	<b>6,671</b>	<b>6,646</b>	<b>6,670</b>
RDT&E	2,226	2,203	2,093	1,975	1,826	1,634	1,523
Military Construction	879	1,065	879	826	701	619	559
Family Housing	115	118	98	77	64	59	55
<b>Total :</b>	<b>26,547</b>	<b>25,961</b>	<b>22,590</b>	<b>20,827</b>	<b>19,731</b>	<b>19,212</b>	<b>19,145</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  
285 Telecommunications**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	14,766	14,222	12,077	10,811	9,613	9,614	9,683
Indirect Purchases	10,874	10,629	9,120	8,328	7,694	7,579	7,562
<b>Total :</b>	<b>25,640</b>	<b>24,850</b>	<b>21,197</b>	<b>19,139</b>	<b>17,307</b>	<b>17,193</b>	<b>17,244</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	4	4	3	3	2	2	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	3	2	2	2	2
Missiles	82	72	49	31	22	21	20
Motor Vehicles	453	487	464	434	415	411	406
Shipbuilding	3	3	3	3	2	2	2
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	7	7	5	4	4	3	3
Other Ordinances	0	1	0	0	0	0	0
Other	10,319	10,050	8,592	7,850	7,246	7,136	7,125
<b>Total :</b>	<b>10,874</b>	<b>10,629</b>	<b>9,120</b>	<b>8,328</b>	<b>7,694</b>	<b>7,579</b>	<b>7,562</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	511	501	476	473	475	479	479
Operations & Maintenance *	19,978	18,869	15,968	14,272	12,683	12,633	12,750
Aircraft	497	556	554	531	519	564	565
Missiles	265	325	286	287	256	289	266
Weapons and Tracked Vehicles	292	402	134	71	43	40	31
Shipbuilding	306	249	290	326	377	297	330
Ammunition	50	60	54	46	43	45	46
Other	1,844	1,914	1,591	1,385	1,301	1,379	1,412
<b>Total Procurement</b>	<b>3,253</b>	<b>3,506</b>	<b>2,909</b>	<b>2,647</b>	<b>2,539</b>	<b>2,613</b>	<b>2,649</b>
RDT&E	1,454	1,458	1,396	1,336	1,255	1,149	1,075
Military Construction	329	397	338	319	272	243	224
Family Housing	115	120	110	92	82	75	68
<b>Total :</b>	<b>25,640</b>	<b>24,850</b>	<b>21,197</b>	<b>19,139</b>	<b>17,307</b>	<b>17,193</b>	<b>17,244</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  
294 Real estate**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,939	5,704	4,761	4,192	3,768	3,690	3,674
Indirect Purchases	17,596	17,210	14,922	13,752	12,894	12,645	12,580
<b>Total :</b>	<b>23,535</b>	<b>22,914</b>	<b>19,683</b>	<b>17,944</b>	<b>16,663</b>	<b>16,335</b>	<b>16,254</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	7	8	6	5	5	5	5
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	7	6	5	4	4	4	4
Missiles	169	149	102	65	46	43	42
Motor Vehicles	770	828	788	737	704	701	693
Shipbuilding	8	8	8	7	6	6	5
Tanks	2	2	1	1	1	1	1
Other Electronic Equipment	14	13	9	8	7	7	6
Other Ordinances	1	1	1	1	0	1	1
Other	16,619	16,195	14,003	12,924	12,121	11,879	11,824
<b>Total :</b>	<b>17,596</b>	<b>17,210</b>	<b>14,922</b>	<b>13,752</b>	<b>12,895</b>	<b>12,646</b>	<b>12,581</b>

*Note: numbers may not add due to rounding*

**Table 7b Sources of Projected Defense Purchases**  
**294 Real estate**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	1,206	1,183	1,125	1,118	1,125	1,134	1,134
Operations & Maintenance *	13,717	12,703	10,506	9,443	8,610	8,526	8,601
Aircraft	829	927	927	888	864	938	938
Missiles	299	347	312	304	284	315	302
Weapons and Tracked Vehicles	487	537	260	137	82	77	60
Shipbuilding	523	431	502	561	642	519	571
Ammunition	102	123	111	95	87	92	94
Other	1,464	1,529	1,297	1,141	1,074	1,141	1,165
<b>Total Procurement</b>	<b>3,705</b>	<b>3,895</b>	<b>3,410</b>	<b>3,126</b>	<b>3,034</b>	<b>3,082</b>	<b>3,129</b>
RDT&E	3,145	3,136	3,016	2,891	2,729	2,526	2,400
Military Construction	1,062	1,274	1,010	867	732	665	613
Family Housing	700	724	616	499	433	402	377
<b>Total :</b>	<b>23,535</b>	<b>22,914</b>	<b>19,683</b>	<b>17,944</b>	<b>16,663</b>	<b>16,335</b>	<b>16,254</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  
270 Truck transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	18,430	17,329	13,990	12,285	11,504	11,671	11,803
Indirect Purchases	6,415	6,295	5,336	4,803	4,459	4,370	4,333
<b>Total :</b>	<b>24,845</b>	<b>23,624</b>	<b>19,326</b>	<b>17,088</b>	<b>15,963</b>	<b>16,042</b>	<b>16,136</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	5	5	4	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	2	2	2	2	2
Missiles	109	95	64	41	29	27	25
Motor Vehicles	770	827	789	737	704	706	696
Shipbuilding	8	8	8	7	6	6	5
Tanks	1	1	0	0	0	0	0
Other Electronic Equipment	5	4	3	3	2	2	2
Other Ordinances	1	1	1	1	1	1	1
Other	5,515	5,350	4,465	4,009	3,713	3,625	3,599
<b>Total :</b>	<b>6,416</b>	<b>6,295</b>	<b>5,337</b>	<b>4,803</b>	<b>4,460</b>	<b>4,371</b>	<b>4,333</b>

*Note: numbers may not add due to rounding*

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

**270 Truck transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	7,987	7,844	7,565	7,530	7,611	7,694	7,731
Operations & Maintenance *	11,428	10,350	7,310	5,929	5,081	5,013	5,007
Aircraft	541	605	608	579	565	605	602
Missiles	94	108	95	90	87	96	93
Weapons and Tracked Vehicles	379	383	212	114	68	63	49
Shipbuilding	239	173	203	234	273	197	217
Ammunition	68	81	71	60	54	56	57
Other	3,085	2,999	2,288	1,638	1,401	1,577	1,693
<b>Total Procurement</b>	<b>4,406</b>	<b>4,348</b>	<b>3,476</b>	<b>2,715</b>	<b>2,448</b>	<b>2,595</b>	<b>2,712</b>
RDT&E	675	668	636	603	560	506	475
Military Construction	300	363	297	278	236	208	188
Family Housing	50	51	42	33	28	25	23
<b>Total :</b>	<b>24,845</b>	<b>23,624</b>	<b>19,326</b>	<b>17,088</b>	<b>15,963</b>	<b>16,042</b>	<b>16,136</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  
267 Air transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	19,467	18,568	16,111	14,632	13,106	13,195	13,329
Indirect Purchases	2,265	2,296	2,047	1,907	1,804	1,834	1,838
<b>Total :</b>	<b>21,732</b>	<b>20,864</b>	<b>18,158</b>	<b>16,539</b>	<b>14,910</b>	<b>15,029</b>	<b>15,167</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	17	15	10	7	5	4	4
Motor Vehicles	139	150	142	133	127	126	124
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	2,104	2,126	1,890	1,764	1,669	1,701	1,707
<b>Total :</b>	<b>2,266</b>	<b>2,296</b>	<b>2,047</b>	<b>1,907</b>	<b>1,804</b>	<b>1,834</b>	<b>1,838</b>

*Note: numbers may not add due to rounding*

**Table 9b Sources of Projected Defense Purchases**

**267 Air transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Military Personnel	5,152	5,055	4,750	4,707	4,747	4,771	4,770
Operations & Maintenance *	14,975	14,118	11,858	10,390	8,789	8,855	8,999
Aircraft	618	695	677	650	626	702	713
Missiles	39	46	41	40	38	42	40
Weapons and Tracked Vehicles	86	94	51	31	21	18	12
Shipbuilding	97	76	89	101	118	91	101
Ammunition	11	13	12	10	9	10	10
Other	287	289	232	186	169	181	187
<b>Total Procurement</b>	<b>1,138</b>	<b>1,213</b>	<b>1,102</b>	<b>1,018</b>	<b>981</b>	<b>1,044</b>	<b>1,063</b>
RDT&E	399	398	381	363	342	314	294
Military Construction	52	63	53	50	42	37	34
Family Housing	16	17	14	11	9	8	7
<b>Total :</b>	<b>21,732</b>	<b>20,864</b>	<b>18,158</b>	<b>16,539</b>	<b>14,910</b>	<b>15,029</b>	<b>15,167</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  
32 New non-residential building construction**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	20,632	22,319	18,117	15,970	13,692	12,820	12,214
Indirect Purchases	8	4	10	12	11	11	11
<b>Total :</b>	<b>20,640</b>	<b>22,323</b>	<b>18,127</b>	<b>15,982</b>	<b>13,703</b>	<b>12,831</b>	<b>12,225</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Other	8	4	10	12	11	11	11
<b>Total :</b>	<b>8</b>	<b>4</b>	<b>10</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>11</b>

**Table 10b Sources of Projected Defense Purchases**  
**32 New non-residential building construction**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>							
Operations & Maintenance *	9,054	8,432	6,904	6,057	5,274	5,290	5,349
Aircraft	0	0	0	0	0	0	0
Missiles	1	1	1	1	1	1	1
Weapons and Tracked Vehicles	0	1	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Other	136	123	75	33	20	18	17
Total Procurement	137	126	76	33	21	19	18
RDT&E	193	197	183	171	158	137	117
Military Construction	10,178	12,440	10,058	9,033	7,695	6,877	6,260
Family Housing	1,078	1,129	906	687	555	508	481
<b>Total :</b>	<b>20,640</b>	<b>22,323</b>	<b>18,127</b>	<b>15,982</b>	<b>13,703</b>	<b>12,831</b>	<b>12,225</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  
328 Offices of physicians, dentists, and other health practitioners**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	19,505	17,776	17,729	17,933	17,948	17,403	17,632
Indirect Purchases	8	4	11	15	16	16	17
<b>Total :</b>	<b>19,514</b>	<b>17,780</b>	<b>17,739</b>	<b>17,948</b>	<b>17,964</b>	<b>17,419</b>	<b>17,649</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	8	4	11	15	16	16	17
<b>Total :</b>	<b>8</b>	<b>4</b>	<b>11</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>17</b>

*Note: numbers may not add due to rounding*

**Table 12 Projected Defense Purchases of  
35 Maintenance and repair of nonresidential buildings, infrastructure and other**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	17,467	17,044	12,924	10,758	9,244	9,099	9,030
Indirect Purchases	4,950	4,876	4,245	3,917	3,595	3,538	3,469
<b>Total :</b>	<b>22,417</b>	<b>21,920</b>	<b>17,169</b>	<b>14,675</b>	<b>12,839</b>	<b>12,637</b>	<b>12,499</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	2	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	1	1	1	1	1
Missiles	48	42	28	18	13	12	11
Motor Vehicles	211	225	214	200	188	186	181
Shipbuilding	2	2	2	2	2	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	1	1	1
Other Ordinances	1	1	1	0	0	0	0
Other	4,681	4,599	3,995	3,693	3,389	3,335	3,271
<b>Total :</b>	<b>4,950</b>	<b>4,876</b>	<b>4,245</b>	<b>3,918</b>	<b>3,595</b>	<b>3,539</b>	<b>3,469</b>

*Note: numbers may not add due to rounding*

**Table 13 Projected Defense Purchases of  
308 Management, scientific, and technical consulting services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9,541	9,346	7,094	6,214	5,573	5,659	5,568
Indirect Purchases	7,876	7,699	6,773	6,326	6,025	5,794	5,778
<b>Total :</b>	<b>17,417</b>	<b>17,046</b>	<b>13,868</b>	<b>12,540</b>	<b>11,598</b>	<b>11,453</b>	<b>11,345</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	3	3	2	2	2	2	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	2	2	2	2	2
Missiles	95	84	57	37	26	25	24
Motor Vehicles	520	560	533	501	481	478	474
Shipbuilding	2	2	2	2	2	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	8	7	5	4	4	4	3
Other Ordinances	0	0	0	0	0	0	0
Other	7,244	7,039	6,171	5,778	5,509	5,283	5,271
<b>Total :</b>	<b>7,876</b>	<b>7,699</b>	<b>6,774</b>	<b>6,326</b>	<b>6,026</b>	<b>5,795</b>	<b>5,778</b>

*Note: numbers may not add due to rounding*

**Table 14 Projected Defense Purchases of  
241 Ship building and repairing**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	16,351	11,719	13,397	15,576	18,539	12,920	14,445
Indirect Purchases	192	175	156	150	151	141	145
<b>Total :</b>	<b>16,543</b>	<b>11,894</b>	<b>13,553</b>	<b>15,726</b>	<b>18,690</b>	<b>13,061</b>	<b>14,590</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	191	174	155	150	151	140	145
<b>Total :</b>	<b>192</b>	<b>175</b>	<b>156</b>	<b>150</b>	<b>151</b>	<b>141</b>	<b>145</b>

*Note: numbers may not add due to rounding*

**Table 15 Projected Defense Purchases of  
237 Other aircraft parts and auxiliary equipment**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9,041	9,850	9,556	8,968	8,683	9,230	9,267
Indirect Purchases	3,065	3,248	3,059	2,867	2,719	2,628	2,562
<b>Total :</b>	<b>12,106</b>	<b>13,098</b>	<b>12,615</b>	<b>11,834</b>	<b>11,403</b>	<b>11,858</b>	<b>11,830</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	7	7	5	3	2	2	2
Motor Vehicles	2,774	2,967	2,817	2,647	2,519	2,427	2,359
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	283	274	238	216	198	200	201
<b>Total :</b>	<b>3,065</b>	<b>3,248</b>	<b>3,059</b>	<b>2,867</b>	<b>2,719</b>	<b>2,628</b>	<b>2,562</b>

*Note: numbers may not add due to rounding*

**Table 16 Projected Defense Purchases of**

**94 Petroleum refineries**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	550	818	278	-95	-123	-151	-121
Indirect Purchases	13,250	12,894	10,853	9,761	8,880	8,819	8,768
<b>Total :</b>	<b>13,800</b>	<b>13,712</b>	<b>11,132</b>	<b>9,666</b>	<b>8,757</b>	<b>8,668</b>	<b>8,647</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	4	5	3	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	2	2	1	1	1
Missiles	76	66	45	28	20	18	17
Motor Vehicles	358	383	363	339	320	318	311
Shipbuilding	5	5	5	4	4	3	3
Tanks	1	1	0	0	0	0	0
Other Electronic Equipment	5	4	3	2	2	2	2
Other Ordinances	1	1	0	0	0	0	0
Other	12,799	12,427	10,432	9,382	8,531	8,473	8,431
<b>Total :</b>	<b>13,251</b>	<b>12,895</b>	<b>10,854</b>	<b>9,762</b>	<b>8,881</b>	<b>8,820</b>	<b>8,769</b>

*Note: numbers may not add due to rounding*

**Table 17 Projected Defense Purchases of  
307 Other computer related services, including facilities management**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9,026	8,660	7,571	7,289	7,040	7,038	7,146
Indirect Purchases	4,090	4,050	3,528	3,264	3,070	2,996	2,976
<b>Total :</b>	<b>13,116</b>	<b>12,710</b>	<b>11,099</b>	<b>10,553</b>	<b>10,110</b>	<b>10,034</b>	<b>10,122</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	1	1	1	1	1
Missiles	37	32	22	14	10	9	9
Motor Vehicles	256	276	262	246	235	232	229
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	4	3	2	2	2	2	2
Other Ordinances	0	0	0	0	0	0	0
Other	3,788	3,733	3,237	2,999	2,820	2,750	2,733
<b>Total :</b>	<b>4,090</b>	<b>4,050</b>	<b>3,528</b>	<b>3,264</b>	<b>3,070</b>	<b>2,996</b>	<b>2,977</b>

*Note: numbers may not add due to rounding*

**Table 18 Projected Defense Purchases of  
203 Search, detection, and navigation instruments**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	10,464	10,902	9,969	9,410	9,034	9,546	9,696
Indirect Purchases	741	762	731	700	681	628	620
<b>Total :</b>	<b>11,205</b>	<b>11,664</b>	<b>10,700</b>	<b>10,109</b>	<b>9,715</b>	<b>10,173</b>	<b>10,316</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	3	3	2	1	1	1	1
Motor Vehicles	621	665	628	588	556	528	512
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	116	93	100	110	123	98	106
<b>Total :</b>	<b>741</b>	<b>762</b>	<b>731</b>	<b>700</b>	<b>681</b>	<b>628</b>	<b>620</b>

*Note: numbers may not add due to rounding*

**Table 19 Projected Defense Purchases of  
312 All other miscellaneous professional, scientific, and technical services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8,539	8,212	6,909	6,307	5,815	5,589	5,440
Indirect Purchases	4,208	4,166	3,677	3,420	3,233	3,123	3,099
<b>Total :</b>	<b>12,746</b>	<b>12,378</b>	<b>10,587</b>	<b>9,727</b>	<b>9,048</b>	<b>8,712</b>	<b>8,538</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	3	3	2	2	2	2	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	2	1	1	1	1
Missiles	61	54	37	24	17	16	15
Motor Vehicles	269	290	276	258	247	246	244
Shipbuilding	3	3	3	2	2	2	2
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	2	1	1
Other Ordinances	0	1	0	0	0	0	0
Other	3,866	3,811	3,355	3,130	2,962	2,854	2,833
<b>Total :</b>	<b>4,208</b>	<b>4,166</b>	<b>3,677</b>	<b>3,420</b>	<b>3,234</b>	<b>3,123</b>	<b>3,099</b>

*Note: numbers may not add due to rounding*

**Table 20 Projected Defense Purchases of  
184 Other engine equipment**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,595	8,018	7,450	7,249	7,109	7,687	7,731
Indirect Purchases	3,687	3,402	2,953	2,734	2,801	2,400	2,475
<b>Total :</b>	<b>11,282</b>	<b>11,420</b>	<b>10,403</b>	<b>9,983</b>	<b>9,910</b>	<b>10,088</b>	<b>10,206</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	17	18	13	11	11	12	12
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	11	9	6	4	3	3	3
Motor Vehicles	9	9	9	8	7	7	7
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	3,651	3,365	2,925	2,710	2,779	2,378	2,454
<b>Total :</b>	<b>3,687</b>	<b>3,402</b>	<b>2,953</b>	<b>2,734</b>	<b>2,801</b>	<b>2,400</b>	<b>2,475</b>

*Note: numbers may not add due to rounding*

**Table 21 Projected Defense Purchases of  
28 Electric power generation, transmission, and distribution**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6,739	6,483	5,365	4,659	4,045	4,030	4,038
Indirect Purchases	5,960	5,853	5,032	4,566	4,241	4,135	4,088
<b>Total :</b>	<b>12,699</b>	<b>12,336</b>	<b>10,396</b>	<b>9,225</b>	<b>8,286</b>	<b>8,165</b>	<b>8,125</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	5	5	3	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	4	3	3	2	2	2	2
Missiles	121	105	71	45	31	29	27
Motor Vehicles	541	578	547	508	481	477	468
Shipbuilding	5	5	5	5	4	4	3
Tanks	1	1	0	0	0	0	0
Other Electronic Equipment	5	5	4	3	2	2	2
Other Ordinances	1	2	1	1	1	1	1
Other	5,277	5,149	4,397	3,999	3,716	3,617	3,581
<b>Total :</b>	<b>5,960</b>	<b>5,853</b>	<b>5,032</b>	<b>4,566</b>	<b>4,241</b>	<b>4,135</b>	<b>4,088</b>

*Note: numbers may not add due to rounding*

**Table 22 Projected Defense Purchases of  
311 Advertising and related services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,655	1,532	1,099	917	814	812	814
Indirect Purchases	9,731	9,667	8,409	7,735	7,261	7,221	7,201
<b>Total :</b>	<b>11,386</b>	<b>11,199</b>	<b>9,508</b>	<b>8,653</b>	<b>8,075</b>	<b>8,033</b>	<b>8,016</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	9	9	7	6	6	6	6
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	6	6	5	4	4	4	4
Missiles	134	118	80	51	37	34	33
Motor Vehicles	758	815	775	725	693	687	679
Shipbuilding	6	7	6	6	5	5	4
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	15	14	10	9	8	7	7
Other Ordinances	1	1	1	0	0	0	0
Other	8,800	8,696	7,524	6,933	6,508	6,477	6,468
<b>Total :</b>	<b>9,731</b>	<b>9,667</b>	<b>8,409</b>	<b>7,736</b>	<b>7,261</b>	<b>7,222</b>	<b>7,202</b>

*Note: numbers may not add due to rounding*

**Table 23 Projected Defense Purchases of  
197 Broadcast and wireless communications equipment**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,619	8,499	6,933	6,608	6,175	6,283	6,030
Indirect Purchases	2,568	2,809	2,502	2,374	2,250	2,329	2,296
<b>Total :</b>	<b>10,187</b>	<b>11,308</b>	<b>9,435</b>	<b>8,982</b>	<b>8,425</b>	<b>8,612</b>	<b>8,326</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	0	0	0
Missiles	2	2	1	1	1	1	1
Motor Vehicles	613	658	624	583	555	535	527
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	1,950	2,147	1,875	1,789	1,693	1,792	1,767
<b>Total :</b>	<b>2,568</b>	<b>2,809</b>	<b>2,502</b>	<b>2,374</b>	<b>2,250</b>	<b>2,329</b>	<b>2,296</b>

*Note: numbers may not add due to rounding*

**Table 24 Projected Defense Purchases of  
238 Guided missiles and space vehicles**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8,591	9,314	8,899	8,354	8,091	8,103	8,163
Indirect Purchases	247	266	247	230	221	219	220
<b>Total :</b>	<b>8,837</b>	<b>9,580</b>	<b>9,146</b>	<b>8,584</b>	<b>8,312</b>	<b>8,322</b>	<b>8,383</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	78	83	73	67	65	64	63
<b>Total :</b>	<b>78</b>	<b>84</b>	<b>73</b>	<b>67</b>	<b>65</b>	<b>64</b>	<b>63</b>

*Note: numbers may not add due to rounding*

**Table 25 Projected Defense Purchases of  
340 Food services and drinking places**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,357	4,129	3,483	3,171	2,932	2,926	2,940
Indirect Purchases	6,257	6,147	5,353	4,946	4,635	4,539	4,523
<b>Total :</b>	<b>10,614</b>	<b>10,275</b>	<b>8,836</b>	<b>8,116</b>	<b>7,567</b>	<b>7,464</b>	<b>7,463</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	2	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	2	2	2	2	2
Missiles	47	41	28	18	13	12	11
Motor Vehicles	292	314	299	280	268	267	265
Shipbuilding	2	2	2	2	2	1	1
Tanks	2	2	1	1	1	1	1
Other Electronic Equipment	4	4	3	2	2	2	2
Other Ordinances	0	0	0	0	0	0	0
Other	5,905	5,779	5,016	4,640	4,347	4,253	4,240
<b>Total :</b>	<b>6,257</b>	<b>6,147</b>	<b>5,353</b>	<b>4,946</b>	<b>4,636</b>	<b>4,539</b>	<b>4,524</b>

*Note: numbers may not add due to rounding*

**Table 26 Projected Defense Purchases of  
16 Crude oil extraction**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	66	73	41	20	14	14	15
Indirect Purchases	10,783	10,648	8,704	7,659	6,737	6,727	6,559
<b>Total :</b>	<b>10,849</b>	<b>10,721</b>	<b>8,745</b>	<b>7,680</b>	<b>6,751</b>	<b>6,741</b>	<b>6,574</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	5	5	4	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	2	2	2	2	2
Missiles	84	73	49	32	21	20	19
Motor Vehicles	353	376	356	334	308	308	296
Shipbuilding	5	5	5	4	4	3	3
Tanks	1	1	0	0	0	0	0
Other Electronic Equipment	5	4	3	2	2	2	2
Other Ordinances	1	1	1	0	0	0	0
Other	10,327	10,181	8,284	7,281	6,397	6,389	6,235
<b>Total :</b>	<b>10,784</b>	<b>10,649</b>	<b>8,705</b>	<b>7,660</b>	<b>6,737</b>	<b>6,728</b>	<b>6,560</b>

*Note: numbers may not add due to rounding*

**Table 27 Projected Defense Purchases of  
291 Insurance carriers**  
(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,256	3,188	3,059	3,001	2,935	2,959	2,984
Indirect Purchases	6,543	6,369	5,532	5,107	4,809	4,750	4,743
<b>Total :</b>	<b>9,798</b>	<b>9,557</b>	<b>8,592</b>	<b>8,108</b>	<b>7,744</b>	<b>7,709</b>	<b>7,728</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	28	25	17	11	8	7	7
Motor Vehicles	169	181	172	161	154	153	151
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	6,339	6,157	5,338	4,931	4,644	4,586	4,582
<b>Total :</b>	<b>6,543</b>	<b>6,370</b>	<b>5,532</b>	<b>5,107</b>	<b>4,809</b>	<b>4,750</b>	<b>4,744</b>

*Note: numbers may not add due to rounding*

**Table 28 Projected Defense Purchases of  
236 Aircraft engines and engine parts**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,644	4,967	4,688	4,460	4,380	4,513	4,596
Indirect Purchases	3,828	4,089	3,843	3,621	3,478	3,393	3,347
<b>Total :</b>	<b>8,472</b>	<b>9,055</b>	<b>8,532</b>	<b>8,081</b>	<b>7,858</b>	<b>7,906</b>	<b>7,944</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	95	85	59	38	27	26	25
Motor Vehicles	3,612	3,884	3,680	3,486	3,358	3,278	3,233
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	120	120	105	97	93	90	90
<b>Total :</b>	<b>3,828</b>	<b>4,089</b>	<b>3,843</b>	<b>3,621</b>	<b>3,478</b>	<b>3,393</b>	<b>3,347</b>

*Note: numbers may not add due to rounding*

**Table 29 Projected Defense Purchases of  
322 Employment services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	277	254	182	152	134	133	134
Indirect Purchases	9,297	9,143	7,923	7,310	6,892	6,756	6,734
<b>Total :</b>	<b>9,574</b>	<b>9,397</b>	<b>8,105</b>	<b>7,462</b>	<b>7,026</b>	<b>6,890</b>	<b>6,868</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	2	2	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	2	2	2	2	2	2
Missiles	56	50	34	22	15	14	14
Motor Vehicles	651	703	670	628	602	601	599
Shipbuilding	2	2	2	2	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	6	6	4	3	3	3	3
Other Ordinances	0	1	0	0	0	0	0
Other	8,576	8,377	7,209	6,653	6,267	6,134	6,115
<b>Total :</b>	<b>9,297</b>	<b>9,143</b>	<b>7,923</b>	<b>7,310</b>	<b>6,892</b>	<b>6,756</b>	<b>6,734</b>

*Note: numbers may not add due to rounding*

**Table 30 Projected Defense Purchases of  
288 Monetary authorities and depository credit intermediation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	8,727	8,615	7,511	6,942	6,517	6,395	6,366
<b>Total :</b>	<b>8,727</b>	<b>8,615</b>	<b>7,511</b>	<b>6,942</b>	<b>6,517</b>	<b>6,395</b>	<b>6,366</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	4	4	3	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	3	2	2	2	2
Missiles	87	77	52	34	24	22	21
Motor Vehicles	413	444	423	396	379	378	374
Shipbuilding	4	4	4	3	3	3	3
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	6	6	4	3	3	3	3
Other Ordinances	1	1	1	0	0	0	0
Other	8,208	8,075	7,021	6,500	6,104	5,984	5,960
<b>Total :</b>	<b>8,728</b>	<b>8,615</b>	<b>7,511</b>	<b>6,942</b>	<b>6,517</b>	<b>6,395</b>	<b>6,367</b>

*Note: numbers may not add due to rounding*

**Table 31 Projected Defense Purchases of  
339 Hotels and other accommodations**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,899	5,647	4,871	4,473	4,151	4,156	4,168
Indirect Purchases	2,773	2,754	2,416	2,245	2,123	2,093	2,091
<b>Total :</b>	<b>8,672</b>	<b>8,401</b>	<b>7,287</b>	<b>6,719</b>	<b>6,274</b>	<b>6,249</b>	<b>6,259</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	1	1	1	1	1
Missiles	24	21	14	9	6	6	6
Motor Vehicles	151	162	155	145	139	138	137
Shipbuilding	1	1	1	1	1	1	1
Tanks	2	1	1	1	1	1	1
Other Electronic Equipment	3	2	2	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	2,591	2,563	2,241	2,086	1,973	1,944	1,944
<b>Total :</b>	<b>2,773</b>	<b>2,754</b>	<b>2,416</b>	<b>2,246</b>	<b>2,123</b>	<b>2,093</b>	<b>2,092</b>

*Note: numbers may not add due to rounding*

**Table 32 Projected Defense Purchases of  
273 Scenic and sightseeing transportation and support activities for transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,361	3,120	2,897	2,759	2,629	2,636	2,658
Indirect Purchases	5,167	4,965	4,241	3,849	3,552	3,557	3,575
<b>Total :</b>	<b>8,528</b>	<b>8,085</b>	<b>7,138</b>	<b>6,608</b>	<b>6,180</b>	<b>6,192</b>	<b>6,232</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	13	12	8	5	4	3	3
Motor Vehicles	76	82	78	73	69	69	68
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	5,074	4,869	4,153	3,769	3,477	3,483	3,502
<b>Total :</b>	<b>5,167</b>	<b>4,965</b>	<b>4,241</b>	<b>3,849</b>	<b>3,552</b>	<b>3,557</b>	<b>3,575</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	118	116	75	56	45	44	41
Indirect Purchases	8,626	8,368	7,043	6,250	5,828	5,436	5,357
<b>Total :</b>	<b>8,744</b>	<b>8,484</b>	<b>7,118</b>	<b>6,306</b>	<b>5,873</b>	<b>5,480</b>	<b>5,399</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	8	8	6	5	5	5	5
Aircraft Parts	1	1	1	0	0	0	0
Ammunition	1	1	1	0	0	0	0
Communication Equipment	10	9	7	6	6	6	6
Missiles	541	475	323	205	146	136	130
Motor Vehicles	1,181	1,256	1,185	1,098	1,035	1,007	978
Shipbuilding	11	11	10	9	8	8	7
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	12	11	8	7	6	6	6
Other Ordinances	8	10	7	5	5	5	5
Other	6,852	6,584	5,494	4,912	4,617	4,262	4,220
<b>Total :</b>	<b>8,626</b>	<b>8,368</b>	<b>7,043</b>	<b>6,250</b>	<b>5,828</b>	<b>5,436</b>	<b>5,358</b>

*Note: numbers may not add due to rounding*

**Table 34 Projected Defense Purchases of  
290 Securities, commodity contracts, investments, and related activities**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	421	449	378	326	308	305	306
Indirect Purchases	7,886	7,696	6,718	6,208	5,897	5,668	5,664
<b>Total :</b>	<b>8,307</b>	<b>8,146</b>	<b>7,096</b>	<b>6,534</b>	<b>6,205</b>	<b>5,973</b>	<b>5,970</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	7	7	5	5	4	5	5
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	5	5	4	3	3	3	3
Missiles	154	135	92	59	42	39	38
Motor Vehicles	739	795	757	708	677	674	668
Shipbuilding	6	6	6	5	5	4	4
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	8	8	6	4	4	4	4
Other Ordinances	1	2	1	1	1	1	1
Other	6,966	6,738	5,847	5,423	5,161	4,938	4,943
<b>Total :</b>	<b>7,886</b>	<b>7,697</b>	<b>6,718</b>	<b>6,209</b>	<b>5,897</b>	<b>5,668</b>	<b>5,665</b>

*Note: numbers may not add due to rounding*

**Table 35 Projected Defense Purchases of  
269 Water transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8,141	7,776	6,412	5,746	5,450	5,516	5,574
Indirect Purchases	483	482	440	417	394	379	371
<b>Total :</b>	<b>8,624</b>	<b>8,258</b>	<b>6,853</b>	<b>6,163</b>	<b>5,844</b>	<b>5,895</b>	<b>5,945</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	2	2	1	1	1	0	0
Motor Vehicles	12	13	12	11	10	10	10
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	469	468	427	405	383	368	360
<b>Total :</b>	<b>483</b>	<b>482</b>	<b>440</b>	<b>417</b>	<b>394</b>	<b>379</b>	<b>371</b>

*Note: numbers may not add due to rounding*

**Table 36 Projected Defense Purchases of  
301 Legal services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	39	39	34	31	29	29	30
Indirect Purchases	6,358	6,298	5,491	5,075	4,769	4,659	4,630
<b>Total :</b>	<b>6,397</b>	<b>6,336</b>	<b>5,525</b>	<b>5,106</b>	<b>4,798</b>	<b>4,689</b>	<b>4,659</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	3	4	3	2	2	2	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	3	2	2	2	2
Missiles	70	61	42	27	19	18	17
Motor Vehicles	591	638	607	570	547	546	542
Shipbuilding	2	3	2	2	2	2	2
Tanks	1	1	0	0	0	0	0
Other Electronic Equipment	7	6	5	4	3	3	3
Other Ordinances	0	1	0	0	0	0	0
Other	5,680	5,582	4,829	4,467	4,193	4,086	4,061
<b>Total :</b>	<b>6,358</b>	<b>6,298</b>	<b>5,491</b>	<b>5,075</b>	<b>4,769</b>	<b>4,660</b>	<b>4,630</b>

*Note: numbers may not add due to rounding*

**Table 37 Projected Defense Purchases of  
201 All other electronic components**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,100	2,158	2,032	1,982	1,936	1,999	1,974
Indirect Purchases	3,958	4,043	3,481	3,208	3,013	3,002	2,957
<b>Total :</b>	<b>6,059</b>	<b>6,201</b>	<b>5,513</b>	<b>5,191</b>	<b>4,949</b>	<b>5,001</b>	<b>4,931</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	3	3	2	2	2	2	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	13	13	10	9	8	8	8
Missiles	35	31	21	13	9	9	8
Motor Vehicles	373	397	378	350	332	325	320
Shipbuilding	2	2	2	2	1	1	1
Tanks	1	1	1	1	1	1	1
Other Electronic Equipment	19	17	13	11	9	9	9
Other Ordinances	0	0	0	0	0	0	0
Other	3,512	3,578	3,055	2,822	2,651	2,648	2,609
<b>Total :</b>	<b>3,958</b>	<b>4,043</b>	<b>3,481</b>	<b>3,208</b>	<b>3,012</b>	<b>3,002</b>	<b>2,957</b>

*Note: numbers may not add due to rounding*

**Table 38 Projected Defense Purchases of  
275 Warehousing and storage**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,650	4,383	3,526	3,087	2,888	2,928	2,962
Indirect Purchases	2,309	2,244	1,920	1,747	1,651	1,619	1,621
<b>Total :</b>	<b>6,959</b>	<b>6,627</b>	<b>5,445</b>	<b>4,834</b>	<b>4,539</b>	<b>4,547</b>	<b>4,583</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	40	35	24	15	11	10	10
Motor Vehicles	215	232	221	206	197	196	194
Shipbuilding	2	2	2	2	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	2	2	2
Other Ordinances	0	0	0	0	0	0	0
Other	2,045	1,968	1,668	1,520	1,438	1,407	1,413
<b>Total :</b>	<b>2,309</b>	<b>2,244</b>	<b>1,920</b>	<b>1,747</b>	<b>1,652</b>	<b>1,619</b>	<b>1,621</b>

*Note: numbers may not add due to rounding*

**Table 39 Projected Defense Purchases of  
306 Computer systems design services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,389	5,262	4,388	4,015	3,682	3,681	3,674
Indirect Purchases	1,098	1,082	945	874	825	803	800
<b>Total :</b>	<b>6,487</b>	<b>6,343</b>	<b>5,333</b>	<b>4,889</b>	<b>4,507</b>	<b>4,484</b>	<b>4,474</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	0	0	0	0
Missiles	15	13	9	6	4	4	4
Motor Vehicles	103	111	105	99	94	93	92
Shipbuilding	0	1	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	977	955	828	768	725	704	703
<b>Total :</b>	<b>1,098</b>	<b>1,082</b>	<b>945</b>	<b>874</b>	<b>825</b>	<b>803</b>	<b>800</b>

*Note: numbers may not add due to rounding*

**Table 40 Projected Defense Purchases of  
234 Motor vehicle parts**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	813	825	523	333	251	247	229
Indirect Purchases	6,518	6,443	4,712	3,645	3,104	3,027	2,903
<b>Total :</b>	<b>7,331</b>	<b>7,268</b>	<b>5,234</b>	<b>3,978</b>	<b>3,355</b>	<b>3,274</b>	<b>3,132</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	35	37	27	24	23	25	25
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	21	18	12	8	5	5	5
Motor Vehicles	283	302	286	266	252	242	235
Shipbuilding	1	2	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	6,174	6,081	4,383	3,344	2,821	2,753	2,636
<b>Total :</b>	<b>6,518</b>	<b>6,443</b>	<b>4,712</b>	<b>3,645</b>	<b>3,104</b>	<b>3,028</b>	<b>2,903</b>

*Note: numbers may not add due to rounding*

**Table 41 Projected Defense Purchases of  
317 Facilities support services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6,422	5,935	4,322	3,557	3,024	3,020	3,023
Indirect Purchases	505	502	442	410	390	382	381
<b>Total :</b>	<b>6,927</b>	<b>6,437</b>	<b>4,764</b>	<b>3,967</b>	<b>3,414</b>	<b>3,401</b>	<b>3,405</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	5	4	3	2	1	1	1
Motor Vehicles	86	93	89	83	80	80	80
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	414	404	350	325	309	300	300
<b>Total :</b>	<b>505</b>	<b>502</b>	<b>442</b>	<b>410</b>	<b>390</b>	<b>382</b>	<b>381</b>

*Note: numbers may not add due to rounding*

**Table 42 Projected Defense Purchases of  
320 Services to buildings and dwellings**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,320	1,221	931	788	672	674	682
Indirect Purchases	4,432	4,364	3,815	3,529	3,314	3,224	3,191
<b>Total :</b>	<b>5,752</b>	<b>5,585</b>	<b>4,746</b>	<b>4,316</b>	<b>3,987</b>	<b>3,898</b>	<b>3,873</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	1	1	1	1	1
Missiles	39	34	23	15	11	10	9
Motor Vehicles	192	206	195	182	174	172	169
Shipbuilding	2	2	2	2	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	2	1	1
Other Ordinances	1	1	0	0	0	0	0
Other	4,192	4,114	3,590	3,326	3,125	3,037	3,008
<b>Total :</b>	<b>4,432</b>	<b>4,364</b>	<b>3,815</b>	<b>3,529</b>	<b>3,315</b>	<b>3,224</b>	<b>3,191</b>

*Note: numbers may not add due to rounding*

**Table 43 Projected Defense Purchases of  
244 Military armored vehicles, tanks, and tank components**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,221	6,643	4,548	2,999	2,211	1,984	1,750
Indirect Purchases	299	265	182	117	85	80	77
<b>Total :</b>	<b>7,520</b>	<b>6,908</b>	<b>4,730</b>	<b>3,116</b>	<b>2,296</b>	<b>2,064</b>	<b>1,827</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	297	264	181	116	84	79	76
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	1	1	1	1	1	1	1
<b>Total :</b>	<b>299</b>	<b>265</b>	<b>182</b>	<b>117</b>	<b>85</b>	<b>80</b>	<b>77</b>

*Note: numbers may not add due to rounding*

**Table 44 Projected Defense Purchases of  
296 Automotive equipment rental and leasing**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,842	2,661	2,266	1,945	1,807	1,810	1,815
Indirect Purchases	2,869	2,826	2,446	2,246	2,110	2,058	2,045
<b>Total :</b>	<b>5,711</b>	<b>5,487</b>	<b>4,711</b>	<b>4,191</b>	<b>3,917</b>	<b>3,867</b>	<b>3,860</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	2	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	1	1	1	1	1
Missiles	43	38	26	16	12	11	10
Motor Vehicles	258	277	263	246	234	231	227
Shipbuilding	2	2	2	2	2	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	2,559	2,502	2,150	1,978	1,858	1,810	1,802
<b>Total :</b>	<b>2,869</b>	<b>2,826</b>	<b>2,446</b>	<b>2,246</b>	<b>2,110</b>	<b>2,058</b>	<b>2,045</b>

*Note: numbers may not add due to rounding*

**Table 45 Projected Defense Purchases of  
152 Ammunition**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,670	5,281	4,489	3,824	3,563	3,763	3,811
Indirect Purchases	24	26	24	21	20	21	21
<b>Total :</b>	<b>4,694</b>	<b>5,307</b>	<b>4,513</b>	<b>3,845</b>	<b>3,583</b>	<b>3,784</b>	<b>3,832</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	24	26	24	21	20	21	21
<b>Total :</b>	<b>24</b>	<b>26</b>	<b>24</b>	<b>21</b>	<b>20</b>	<b>21</b>	<b>21</b>

*Note: numbers may not add due to rounding*

**Table 46 Projected Defense Purchases of  
300 Lessors of nonfinancial intangible assets**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	5,309	5,179	4,506	4,214	3,909	3,787	3,726
<b>Total :</b>	<b>5,309</b>	<b>5,179</b>	<b>4,506</b>	<b>4,214</b>	<b>3,909</b>	<b>3,787</b>	<b>3,726</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	5	5	4	4	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	9	9	7	6	6	6	6
Missiles	101	89	61	39	28	26	25
Motor Vehicles	500	537	512	481	456	455	447
Shipbuilding	2	2	2	2	2	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	12	11	8	7	6	6	5
Other Ordinances	1	1	0	0	0	0	0
Other	4,679	4,523	3,912	3,676	3,409	3,291	3,239
<b>Total :</b>	<b>5,309</b>	<b>5,179</b>	<b>4,506</b>	<b>4,215</b>	<b>3,909</b>	<b>3,788</b>	<b>3,727</b>

*Note: numbers may not add due to rounding*

**Table 47 Projected Defense Purchases of**

**351 Postal service**

(Millions of 2011 dollars)

	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,760	2,670	2,281	2,000	1,731	1,734	1,744
Indirect Purchases	2,695	2,604	2,218	2,021	1,894	1,882	1,883
<b>Total :</b>	<b>5,455</b>	<b>5,275</b>	<b>4,500</b>	<b>4,021</b>	<b>3,625</b>	<b>3,616</b>	<b>3,627</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	15	13	9	6	4	4	4
Motor Vehicles	82	88	83	78	74	74	73
Shipbuilding	1	1	1	1	1	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	2,595	2,500	2,124	1,935	1,814	1,803	1,805
<b>Total :</b>	<b>2,695</b>	<b>2,605</b>	<b>2,218</b>	<b>2,021</b>	<b>1,894</b>	<b>1,882</b>	<b>1,883</b>

*Note: numbers may not add due to rounding*

**Table 48 Projected Defense Purchases of  
92 Printing**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,528	3,334	2,917	2,587	2,220	2,293	2,319
Indirect Purchases	1,619	1,591	1,379	1,271	1,194	1,177	1,173
<b>Total :</b>	<b>5,147</b>	<b>4,925</b>	<b>4,296</b>	<b>3,859</b>	<b>3,414</b>	<b>3,470</b>	<b>3,492</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	0	0	0	0	0
Missiles	12	11	7	5	3	3	3
Motor Vehicles	81	87	83	77	74	73	73
Shipbuilding	1	1	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	1,523	1,490	1,286	1,187	1,115	1,099	1,096
<b>Total :</b>	<b>1,619</b>	<b>1,591</b>	<b>1,379</b>	<b>1,272</b>	<b>1,194</b>	<b>1,177</b>	<b>1,173</b>

*Note: numbers may not add due to rounding*

**Table 49 Projected Defense Purchases of  
302 Accounting, tax preparation, bookkeeping, and payroll services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	308	289	276	274	273	267	269
Indirect Purchases	4,439	4,349	3,754	3,454	3,239	3,158	3,144
<b>Total :</b>	<b>4,747</b>	<b>4,638</b>	<b>4,030</b>	<b>3,729</b>	<b>3,512</b>	<b>3,425</b>	<b>3,413</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	2	2	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	2	1	1	1	1
Missiles	60	53	36	23	16	15	15
Motor Vehicles	276	297	282	264	253	251	248
Shipbuilding	2	2	2	2	2	2	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	4	4	3	2	2	2	2
Other Ordinances	0	0	0	0	0	0	0
Other	4,091	3,988	3,427	3,159	2,963	2,885	2,874
<b>Total :</b>	<b>4,439</b>	<b>4,349</b>	<b>3,754</b>	<b>3,454</b>	<b>3,239</b>	<b>3,159</b>	<b>3,144</b>

*Note: numbers may not add due to rounding*

**Table 50 Projected Defense Purchases of  
280 Software publishers**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,775	1,711	1,380	1,253	1,170	1,173	1,184
Indirect Purchases	2,802	2,904	2,443	2,275	2,148	2,143	2,117
<b>Total :</b>	<b>4,577</b>	<b>4,615</b>	<b>3,823</b>	<b>3,529</b>	<b>3,318</b>	<b>3,315</b>	<b>3,302</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	7	8	6	5	5	5	5
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	15	15	11	10	9	9	9
Missiles	5	5	3	2	1	1	1
Motor Vehicles	195	209	200	186	177	174	173
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	57	53	38	32	28	28	27
Other Ordinances	0	0	0	0	0	0	0
Other	2,522	2,614	2,184	2,040	1,927	1,925	1,902
<b>Total :</b>	<b>2,802</b>	<b>2,904</b>	<b>2,443</b>	<b>2,275</b>	<b>2,148</b>	<b>2,143</b>	<b>2,117</b>

*Note: numbers may not add due to rounding*

**Table 51 Projected Defense Purchases of  
342 Electronic and precision equipment repair and maintenance**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,927	3,131	2,914	2,824	2,742	2,768	2,824
Indirect Purchases	1,034	1,021	887	817	765	746	739
<b>Total :</b>	<b>3,962</b>	<b>4,152</b>	<b>3,801</b>	<b>3,641</b>	<b>3,507</b>	<b>3,513</b>	<b>3,563</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	10	9	6	4	3	3	2
Motor Vehicles	54	58	55	52	49	49	48
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	968	952	824	760	712	693	687
<b>Total :</b>	<b>1,034</b>	<b>1,021</b>	<b>887</b>	<b>817</b>	<b>765</b>	<b>746</b>	<b>739</b>

*Note: numbers may not add due to rounding*

**Table 52 Projected Defense Purchases of  
324 Waste management and remediation services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,675	3,304	2,140	1,640	1,355	1,340	1,333
Indirect Purchases	2,106	2,013	1,660	1,486	1,372	1,338	1,333
<b>Total :</b>	<b>5,781</b>	<b>5,318</b>	<b>3,800</b>	<b>3,126</b>	<b>2,728</b>	<b>2,678</b>	<b>2,666</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	0	0	0	0	0
Missiles	17	15	10	6	4	4	4
Motor Vehicles	71	76	72	67	64	64	63
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	2,015	1,919	1,575	1,410	1,302	1,268	1,265
<b>Total :</b>	<b>2,106</b>	<b>2,013</b>	<b>1,660</b>	<b>1,486</b>	<b>1,373</b>	<b>1,338</b>	<b>1,333</b>

*Note: numbers may not add due to rounding*

**Table 53 Projected Defense Purchases of  
286 Data processing, hosting and internet service providers**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	611	572	450	399	363	362	366
Indirect Purchases	3,733	3,666	3,198	2,961	2,804	2,704	2,696
<b>Total :</b>	<b>4,345</b>	<b>4,238</b>	<b>3,648</b>	<b>3,360</b>	<b>3,166</b>	<b>3,065</b>	<b>3,062</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	2	2	1	1	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	2	2	2	2	2
Missiles	54	48	33	21	15	14	13
Motor Vehicles	311	335	318	298	285	283	279
Shipbuilding	2	2	2	2	2	2	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	4	4	3	2	2	2	2
Other Ordinances	0	0	0	0	0	0	0
Other	3,356	3,272	2,838	2,634	2,497	2,400	2,396
<b>Total :</b>	<b>3,733</b>	<b>3,666</b>	<b>3,199</b>	<b>2,961</b>	<b>2,804</b>	<b>2,704</b>	<b>2,696</b>

*Note: numbers may not add due to rounding*

**Table 54 Projected Defense Purchases of  
230 Heavy duty trucks**  
(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,133	5,542	3,343	1,741	1,152	1,123	937
Indirect Purchases	102	104	66	40	28	27	24
<b>Total :</b>	<b>5,235</b>	<b>5,646</b>	<b>3,409</b>	<b>1,781</b>	<b>1,180</b>	<b>1,151</b>	<b>961</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	102	103	66	40	28	27	24
<b>Total :</b>	<b>102</b>	<b>104</b>	<b>66</b>	<b>40</b>	<b>28</b>	<b>27</b>	<b>24</b>

*Note: numbers may not add due to rounding*

**Table 55 Projected Defense Purchases of  
268 Rail transportation**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,406	2,266	1,840	1,623	1,519	1,540	1,556
Indirect Purchases	1,909	1,856	1,556	1,380	1,260	1,226	1,209
<b>Total :</b>	<b>4,316</b>	<b>4,122</b>	<b>3,397</b>	<b>3,003</b>	<b>2,779</b>	<b>2,766</b>	<b>2,765</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	41	36	24	15	10	10	9
Motor Vehicles	154	164	155	143	135	133	130
Shipbuilding	2	2	2	2	2	2	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	1,707	1,650	1,372	1,217	1,111	1,079	1,066
<b>Total :</b>	<b>1,910</b>	<b>1,857</b>	<b>1,556</b>	<b>1,380</b>	<b>1,260</b>	<b>1,226</b>	<b>1,209</b>

*Note: numbers may not add due to rounding*

**Table 56 Projected Defense Purchases of  
153 Arms, ordnance, and accessories**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,335	3,774	3,302	2,664	2,535	2,644	2,604
Indirect Purchases	23	24	22	19	18	19	18
<b>Total :</b>	<b>3,358</b>	<b>3,798</b>	<b>3,325</b>	<b>2,683</b>	<b>2,553</b>	<b>2,663</b>	<b>2,622</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	22	24	22	19	18	18	18
<b>Total :</b>	<b>23</b>	<b>24</b>	<b>22</b>	<b>19</b>	<b>18</b>	<b>19</b>	<b>18</b>

*Note: numbers may not add due to rounding*

**Table 57 Projected Defense Purchases of  
305 Custom computer programming services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,564	3,355	2,681	2,379	2,166	2,136	2,122
Indirect Purchases	698	728	638	577	530	537	525
<b>Total :</b>	<b>4,263</b>	<b>4,083</b>	<b>3,319</b>	<b>2,956</b>	<b>2,696</b>	<b>2,673</b>	<b>2,647</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	2	2	1	1	1	1
Missiles	6	5	3	2	1	1	1
Motor Vehicles	180	193	183	171	163	158	155
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	2	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	507	525	448	401	363	375	367
<b>Total :</b>	<b>699</b>	<b>728</b>	<b>638</b>	<b>577</b>	<b>530</b>	<b>537</b>	<b>525</b>

*Note: numbers may not add due to rounding*

**Table 58 Projected Defense Purchases of**

**266 Retail trade**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,042	1,917	1,717	1,629	1,548	1,515	1,537
Indirect Purchases	1,772	1,745	1,414	1,255	1,126	1,101	1,082
<b>Total :</b>	<b>3,813</b>	<b>3,663</b>	<b>3,131</b>	<b>2,884</b>	<b>2,674</b>	<b>2,616</b>	<b>2,618</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	14	15	11	10	10	10	10
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	7	6	4	3	2	2	2
Motor Vehicles	45	48	45	42	40	39	38
Shipbuilding	3	3	3	2	2	2	2
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	1,700	1,670	1,349	1,196	1,071	1,046	1,029
<b>Total :</b>	<b>1,772</b>	<b>1,745</b>	<b>1,414</b>	<b>1,255</b>	<b>1,126</b>	<b>1,101</b>	<b>1,082</b>

*Note: numbers may not add due to rounding*

**Table 59 Projected Defense Purchases of  
200 Semiconductors and electron tubes**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	154	171	147	132	127	127	135
Indirect Purchases	3,321	3,409	2,953	2,712	2,546	2,520	2,480
<b>Total :</b>	<b>3,476</b>	<b>3,580</b>	<b>3,100</b>	<b>2,844</b>	<b>2,673</b>	<b>2,647</b>	<b>2,615</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	3	3	2	2	2	2	2
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	4	3	3	2	2	2	2
Missiles	35	30	21	13	9	8	8
Motor Vehicles	574	614	582	541	514	499	490
Shipbuilding	2	2	2	2	2	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	8	8	6	5	4	4	4
Other Ordinances	0	0	0	0	0	0	0
Other	2,695	2,748	2,337	2,146	2,013	2,003	1,973
<b>Total :</b>	<b>3,321</b>	<b>3,409</b>	<b>2,953</b>	<b>2,712</b>	<b>2,546</b>	<b>2,520</b>	<b>2,480</b>

*Note: numbers may not add due to rounding*

**Table 60 Projected Defense Purchases of  
299 Commercial and industrial machinery and equipment rental and leasing**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	442	427	319	273	252	248	247
Indirect Purchases	3,285	3,234	2,754	2,503	2,281	2,261	2,245
<b>Total :</b>	<b>3,727</b>	<b>3,661</b>	<b>3,073</b>	<b>2,777</b>	<b>2,533</b>	<b>2,509</b>	<b>2,492</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	24	21	14	9	6	6	6
Motor Vehicles	138	148	141	132	125	123	121
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	3,118	3,060	2,595	2,359	2,147	2,128	2,115
<b>Total :</b>	<b>3,285</b>	<b>3,234</b>	<b>2,754</b>	<b>2,503</b>	<b>2,282</b>	<b>2,261</b>	<b>2,245</b>

*Note: numbers may not add due to rounding*

**Table 61 Projected Defense Purchases of  
274 Couriers and messengers**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	26	24	17	13	11	11	11
Indirect Purchases	3,676	3,535	2,985	2,702	2,532	2,519	2,524
<b>Total :</b>	<b>3,702</b>	<b>3,559</b>	<b>3,002</b>	<b>2,716</b>	<b>2,544</b>	<b>2,530</b>	<b>2,535</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	0	0	0	0
Missiles	21	18	13	8	6	5	5
Motor Vehicles	116	124	118	110	105	105	103
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	3,535	3,388	2,851	2,581	2,419	2,406	2,413
<b>Total :</b>	<b>3,676</b>	<b>3,535</b>	<b>2,985</b>	<b>2,703</b>	<b>2,533</b>	<b>2,519</b>	<b>2,524</b>

*Note: numbers may not add due to rounding*

**Table 62 Projected Defense Purchases of  
343 Commercial and industrial machinery and equipment repair and maintenance**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,727	1,682	1,410	1,204	1,125	1,100	1,082
Indirect Purchases	1,832	1,805	1,542	1,407	1,307	1,267	1,254
<b>Total :</b>	<b>3,559</b>	<b>3,486</b>	<b>2,953</b>	<b>2,611</b>	<b>2,432</b>	<b>2,367</b>	<b>2,336</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	25	22	15	9	7	6	6
Motor Vehicles	115	123	117	109	104	102	101
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	1,686	1,654	1,406	1,285	1,194	1,155	1,145
<b>Total :</b>	<b>1,832</b>	<b>1,805</b>	<b>1,542</b>	<b>1,407</b>	<b>1,307</b>	<b>1,267</b>	<b>1,254</b>

*Note: numbers may not add due to rounding*

**Table 63 Projected Defense Purchases of  
33 Highway, street, bridge, tunnel, water, sewer, pipeline and other construction**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,487	3,730	2,938	3,015	2,642	2,386	2,180
Indirect Purchases	1	1	2	2	2	2	2
<b>Total :</b>	<b>3,488</b>	<b>3,731</b>	<b>2,940</b>	<b>3,018</b>	<b>2,644</b>	<b>2,388</b>	<b>2,182</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Other	1	1	2	2	2	2	2
<b>Total :</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

**Table 64 Projected Defense Purchases of  
318 Business support services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	353	337	251	213	190	194	194
Indirect Purchases	3,015	2,976	2,621	2,438	2,322	2,246	2,244
<b>Total :</b>	<b>3,368</b>	<b>3,313</b>	<b>2,872</b>	<b>2,651</b>	<b>2,511</b>	<b>2,439</b>	<b>2,438</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	38	33	23	14	10	10	9
Motor Vehicles	424	458	437	409	394	393	392
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	2,547	2,478	2,157	2,010	1,914	1,840	1,839
<b>Total :</b>	<b>3,015</b>	<b>2,976</b>	<b>2,621</b>	<b>2,438</b>	<b>2,322</b>	<b>2,246</b>	<b>2,244</b>

*Note: numbers may not add due to rounding*

**Table 65 Projected Defense Purchases of  
321 Other support services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,279	1,241	1,048	958	913	912	922
Indirect Purchases	2,078	2,069	1,811	1,677	1,591	1,555	1,552
<b>Total :</b>	<b>3,357</b>	<b>3,310</b>	<b>2,859</b>	<b>2,635</b>	<b>2,505</b>	<b>2,468</b>	<b>2,474</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	0	0	0
Missiles	21	18	13	8	6	5	5
Motor Vehicles	271	294	280	262	252	252	251
Shipbuilding	1	1	1	1	1	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	1,781	1,752	1,516	1,405	1,331	1,296	1,293
<b>Total :</b>	<b>2,078</b>	<b>2,069</b>	<b>1,811</b>	<b>1,677</b>	<b>1,591</b>	<b>1,555</b>	<b>1,552</b>

*Note: numbers may not add due to rounding*

**Table 66 Projected Defense Purchases of  
292 Insurance agencies, brokerages, and related activities**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	44	41	42	43	43	42	42
Indirect Purchases	3,191	3,110	2,782	2,615	2,492	2,474	2,477
<b>Total :</b>	<b>3,235</b>	<b>3,151</b>	<b>2,824</b>	<b>2,657</b>	<b>2,535</b>	<b>2,515</b>	<b>2,520</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	0	0	0	0	0
Missiles	13	11	8	5	3	3	3
Motor Vehicles	74	80	76	71	68	67	67
Shipbuilding	1	1	1	1	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	3,101	3,016	2,696	2,537	2,419	2,401	2,406
<b>Total :</b>	<b>3,191</b>	<b>3,110</b>	<b>2,782</b>	<b>2,615</b>	<b>2,492</b>	<b>2,474</b>	<b>2,477</b>

*Note: numbers may not add due to rounding*

**Table 67 Projected Defense Purchases of  
239 Propulsion units and parts for space vehicles and guided missiles**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,681	2,008	1,553	1,365	1,340	1,407	1,417
Indirect Purchases	1,243	1,372	1,248	1,151	1,109	1,114	1,121
<b>Total :</b>	<b>2,924</b>	<b>3,380</b>	<b>2,801</b>	<b>2,515</b>	<b>2,449</b>	<b>2,521</b>	<b>2,539</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	8	7	5	3	2	2	2
Motor Vehicles	913	992	945	882	848	842	848
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	322	373	299	265	259	270	271
<b>Total :</b>	<b>1,243</b>	<b>1,372</b>	<b>1,248</b>	<b>1,151</b>	<b>1,109</b>	<b>1,114</b>	<b>1,121</b>

*Note: numbers may not add due to rounding*

**Table 68 Projected Defense Purchases of  
119 Other plastics products**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	68	67	54	49	45	45	45
Indirect Purchases	3,157	3,167	2,745	2,514	2,355	2,314	2,298
<b>Total :</b>	<b>3,225</b>	<b>3,234</b>	<b>2,800</b>	<b>2,562</b>	<b>2,400</b>	<b>2,359</b>	<b>2,343</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	5	4	4	3	3	3	3
Missiles	63	56	38	25	18	17	16
Motor Vehicles	522	564	541	507	486	493	488
Shipbuilding	5	5	5	4	4	3	3
Tanks	1	1	1	0	0	0	0
Other Electronic Equipment	10	9	6	5	5	4	4
Other Ordinances	0	0	0	0	0	0	0
Other	2,550	2,526	2,150	1,968	1,839	1,792	1,783
<b>Total :</b>	<b>3,157</b>	<b>3,167</b>	<b>2,746</b>	<b>2,514</b>	<b>2,355</b>	<b>2,314</b>	<b>2,298</b>

*Note: numbers may not add due to rounding*

**Table 69 Projected Defense Purchases of  
289 Nondepository credit intermediation and related activities**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	36	33	31	31	31	30	29
Indirect Purchases	3,246	3,162	2,727	2,497	2,344	2,282	2,276
<b>Total :</b>	<b>3,282</b>	<b>3,196</b>	<b>2,758</b>	<b>2,528</b>	<b>2,375</b>	<b>2,311</b>	<b>2,306</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	2	1	1	1	1	1	1
Missiles	41	36	25	16	11	11	10
Motor Vehicles	213	229	218	204	194	193	191
Shipbuilding	2	2	2	2	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	3	3	2	2	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	2,983	2,888	2,478	2,272	2,133	2,073	2,070
<b>Total :</b>	<b>3,246</b>	<b>3,163</b>	<b>2,727</b>	<b>2,497</b>	<b>2,344</b>	<b>2,282</b>	<b>2,277</b>

*Note: numbers may not add due to rounding*

**Table 70 Projected Defense Purchases of  
198 Other communications equipment**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,966	3,241	2,601	2,479	2,254	2,391	2,287
Indirect Purchases	136	134	112	102	93	90	89
<b>Total :</b>	<b>3,102</b>	<b>3,375</b>	<b>2,713</b>	<b>2,581</b>	<b>2,347</b>	<b>2,481</b>	<b>2,376</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	1	1	1	0	0	0	0
Motor Vehicles	7	7	7	6	6	6	6
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	128	125	105	95	86	84	83
<b>Total :</b>	<b>136</b>	<b>134</b>	<b>112</b>	<b>102</b>	<b>93</b>	<b>90</b>	<b>89</b>

*Note: numbers may not add due to rounding*

**Table 71 Projected Defense Purchases of  
29 Natural gas distribution**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,066	1,020	846	733	629	630	633
Indirect Purchases	2,122	2,084	1,755	1,566	1,431	1,396	1,368
<b>Total :</b>	<b>3,188</b>	<b>3,105</b>	<b>2,600</b>	<b>2,298</b>	<b>2,059</b>	<b>2,026</b>	<b>2,001</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	2	2	1	1	1	1	1
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	41	36	24	15	10	10	9
Motor Vehicles	168	179	169	157	148	146	143
Shipbuilding	2	2	2	2	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	1	0	0	0	0	0
Other	1,906	1,862	1,556	1,389	1,268	1,236	1,212
<b>Total :</b>	<b>2,122</b>	<b>2,084</b>	<b>1,755</b>	<b>1,566</b>	<b>1,431</b>	<b>1,396</b>	<b>1,368</b>

*Note: numbers may not add due to rounding*

**Table 72 Projected Defense Purchases of  
147 Plate work and fabricated structural products**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	350	349	268	243	215	205	199
Indirect Purchases	2,702	2,696	2,313	2,118	1,988	1,900	1,889
<b>Total :</b>	<b>3,052</b>	<b>3,045</b>	<b>2,581</b>	<b>2,361</b>	<b>2,203</b>	<b>2,105</b>	<b>2,088</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	4	4	3	3	3	3	3
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	34	30	21	13	10	9	9
Motor Vehicles	447	484	465	436	420	430	428
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	2,215	2,176	1,823	1,664	1,555	1,457	1,449
<b>Total :</b>	<b>2,702</b>	<b>2,696</b>	<b>2,313</b>	<b>2,118</b>	<b>1,988</b>	<b>1,900</b>	<b>1,889</b>

*Note: numbers may not add due to rounding*

**Table 73 Projected Defense Purchases of  
75 Apparel accessories and other apparel**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,184	3,019	2,406	2,167	2,075	2,067	2,054
Indirect Purchases	201	191	155	141	136	135	135
<b>Total :</b>	<b>3,385</b>	<b>3,210</b>	<b>2,561</b>	<b>2,308</b>	<b>2,211</b>	<b>2,202</b>	<b>2,189</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	201	191	155	141	136	135	134
<b>Total :</b>	<b>201</b>	<b>191</b>	<b>155</b>	<b>141</b>	<b>136</b>	<b>135</b>	<b>135</b>

*Note: numbers may not add due to rounding*

**Table 74 Projected Defense Purchases of  
102 Plastics materials and resins**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28	28	24	22	20	20	20
Indirect Purchases	2,976	2,923	2,461	2,202	2,050	1,975	1,954
<b>Total :</b>	<b>3,003</b>	<b>2,951</b>	<b>2,485</b>	<b>2,224</b>	<b>2,070</b>	<b>1,995</b>	<b>1,973</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	16	17	13	11	11	11	11
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	5	5	4	4	3	3	3
Missiles	107	94	64	41	29	27	26
Motor Vehicles	209	222	210	194	182	180	175
Shipbuilding	9	9	9	8	7	6	6
Tanks	2	2	1	1	1	1	1
Other Electronic Equipment	6	5	4	3	3	3	2
Other Ordinances	0	0	0	0	0	0	0
Other	2,622	2,568	2,157	1,941	1,815	1,743	1,729
<b>Total :</b>	<b>2,976</b>	<b>2,923</b>	<b>2,461</b>	<b>2,202</b>	<b>2,050</b>	<b>1,975</b>	<b>1,954</b>

*Note: numbers may not add due to rounding*

**Table 75 Projected Defense Purchases of  
316 Office administrative services**

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	555	516	386	326	282	280	283
Indirect Purchases	2,470	2,418	2,099	1,943	1,835	1,789	1,782
<b>Total :</b>	<b>3,025</b>	<b>2,934</b>	<b>2,485</b>	<b>2,269</b>	<b>2,117</b>	<b>2,069</b>	<b>2,065</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>							
Aircraft Engines	1	1	1	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	0	0	0	0
Missiles	17	15	10	7	5	4	4
Motor Vehicles	105	113	107	101	96	96	95
Shipbuilding	1	1	1	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	2	2	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	2,344	2,286	1,979	1,834	1,731	1,686	1,681
<b>Total :</b>	<b>2,470</b>	<b>2,418</b>	<b>2,099</b>	<b>1,943</b>	<b>1,835</b>	<b>1,789</b>	<b>1,782</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 2009 through 2015. 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, during 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 111 industrial sectors. For example, industrial sector 54, “Aerospace products and parts,” used in the state tables, includes five industries: industry 235, “Aircraft”; industry 236, “Aircraft engines and engine parts”; industry 236, “Other aircraft parts and auxiliary equipment”; industry 238, “Guided Missiles and Space Vehicles”; and industry 239, “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*, whereas it is treated on 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.

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**1 Alabama Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	25,095	24,768	22,625	21,780	21,562	20,250	20,184
Indirect Defense Purchases Resulting from Direct Purchases	11,549	11,277	9,805	8,976	8,347	8,015	7,876
Induced Defense Purchases Resulting from Direct Pay	2,258	2,366	2,211	2,279	2,542	2,854	2,887
Total Nondefense Expenditures	415,526	426,973	437,718	451,463	462,355	476,002	483,742
Total Output	455,021	466,007	472,885	485,012	495,335	507,716	515,280
General government industry	4,188	4,465	4,246	4,415	5,025	4,276	4,372

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

Professional, scientific and technical services	8,670	8,591	7,925	7,501	7,069	6,679	6,435
Offices of physicians, dentists, and other health practioners	4,323	3,940	3,930	3,975	3,978	3,857	3,907
General government industry	4,188	4,465	4,246	4,415	5,025	4,276	4,372
Other repair and maintenance, personal services	2,419	2,491	2,226	2,068	1,981	1,981	2,000
New construction	647	642	514	453	391	378	371

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	3,400	3,307	2,997	2,805	2,640	2,489	2,432
Other repair and maintenance, personal services	2,176	2,134	1,833	1,678	1,566	1,520	1,509
Religious, grantmaking and other organizations	680	671	584	540	506	492	488
Administrative and support services	659	646	567	528	498	482	476
Iron and steel	318	303	252	218	198	183	175

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

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## 2 Alaska Summary

(Millions of 2011 dollars)

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2009

2010

2011

2012

2013

2014

2015

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	8,314	8,347	7,348	6,972	6,795	6,945	6,967
Indirect Defense Purchases Resulting from Direct Purchases	5,178	5,070	4,343	3,997	3,652	3,590	3,526
Induced Defense Purchases Resulting from Direct Pay	1,021	1,066	995	1,026	1,144	1,286	1,301
Total Nondefense Expenditures	126,059	128,264	133,300	139,709	138,430	144,714	143,877
Total Output	141,180	143,361	146,554	152,265	150,608	157,164	156,303
General government industry	2,827	2,863	2,682	2,712	2,831	3,018	3,038

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	2,827	2,863	2,682	2,712	2,831	3,018	3,038
Other repair and maintenance, personal services	2,419	2,491	2,226	2,068	1,981	1,981	2,000
New construction	480	526	427	392	338	313	295
Maintenance and repair construction	425	396	298	251	217	217	218
Professional, scientific and technical services	360	356	303	279	258	250	245

#### Indirect Defense Purchases Resulting from Direct Purchases

Other repair and maintenance, personal services	2,176	2,134	1,833	1,678	1,566	1,520	1,509
Administrative and support services	744	725	624	574	537	524	524
Religious, grantmaking and other organizations	680	671	584	540	506	492	488
Crude oil extraction	407	400	332	322	229	258	217
Information and data processing	243	234	202	186	174	168	168

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

### 3 Arizona Summary

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>AGGREGATE MEASURES</b>							
Total Direct Expenditures (Purchases and Pay)	17,167	17,844	16,019	15,062	14,597	13,897	13,917
Indirect Defense Purchases Resulting from Direct Purchases	6,337	6,361	5,522	5,028	4,727	4,656	4,623
Induced Defense Purchases Resulting from Direct Pay	1,858	1,947	1,817	1,872	2,088	2,343	2,369
Total Nondefense Expenditures	411,039	421,458	431,663	446,483	459,418	474,505	484,586
Total Output	436,375	447,542	455,008	468,481	480,913	495,446	505,558
General government industry	3,464	3,546	3,386	3,435	3,633	2,717	2,749
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>							
<b>Total Direct Expenditures (Purchases and Pay)</b>							
Aerospace products and parts	3,623	3,982	3,734	3,500	3,362	3,557	3,585
General government industry	3,464	3,546	3,386	3,435	3,633	2,717	2,749
Professional, scientific and technical services	2,957	3,252	2,916	2,766	2,664	2,729	2,726
Fabricated metal products	728	825	722	605	570	601	602
Air transportation	608	580	503	457	410	412	417
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Professional, scientific and technical services	1,160	1,252	1,103	1,034	995	1,017	1,030
Real estate	377	369	320	295	276	271	270
Administrative and support services	339	350	316	294	286	285	285
Wholesale trade	324	321	273	247	230	224	221
Management of companies and enterprises	318	318	275	251	235	231	229

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

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## 4 Arkansas Summary

(Millions of 2011 dollars)

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2009

2010

2011

2012

2013

2014

2015

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,311	3,332	2,935	2,752	2,706	2,323	2,335
Indirect Defense Purchases Resulting from Direct Purchases	2,945	2,882	2,455	2,211	2,045	1,973	1,932
Induced Defense Purchases Resulting from Direct Pay	885	930	868	893	996	1,117	1,128
Total Nondefense Expenditures	199,949	205,801	210,109	216,484	221,880	228,748	233,006
Total Output	207,128	212,980	216,395	222,364	227,648	234,179	238,420
General government industry	1,324	1,357	1,297	1,316	1,393	1,012	1,025

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	1,324	1,357	1,297	1,316	1,393	1,012	1,025
Truck transportation	347	328	268	238	224	228	230
Fabricated metal products	323	365	317	264	249	264	265
New construction	204	223	180	164	142	131	124
Wholesale trade	152	142	133	129	127	123	125

#### Indirect Defense Purchases Resulting from Direct Purchases

Fabricated metal products	250	248	210	187	172	165	163
Automotive repair and maintenance	228	227	200	189	185	178	170
Management of companies and enterprises	225	225	195	178	167	164	162
Iron and steel	204	194	161	140	127	117	112
Nonferrous metals	185	178	145	119	101	94	88

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

## 5 California Summary

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>AGGREGATE MEASURES</b>							
Total Direct Expenditures (Purchases and Pay)	73,209	73,769	66,548	63,484	62,191	58,547	58,304
Indirect Defense Purchases Resulting from Direct Purchases	47,282	46,544	40,463	37,117	34,542	33,568	33,081
Induced Defense Purchases Resulting from Direct Pay	11,514	12,084	11,267	11,594	12,923	14,480	14,619
Total Nondefense Expenditures	3,436,600	3,528,658	3,605,119	3,724,859	3,820,504	3,941,737	4,019,328
Total Output	3,568,194	3,660,917	3,723,244	3,836,859	3,929,848	4,048,333	4,125,293
General government industry	14,800	15,462	14,687	15,097	16,609	14,162	14,403

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Professional, scientific and technical services	16,366	16,477	15,462	14,750	13,954	13,191	12,687
General government industry	14,800	15,462	14,687	15,097	16,609	14,162	14,403
Aerospace products and parts	8,392	9,156	8,723	8,237	7,900	8,154	8,147
Communications and audio-video equipment	3,733	3,991	3,417	3,248	3,013	2,956	2,811
Maintenance and repair construction	2,625	2,537	1,918	1,600	1,375	1,357	1,351

#### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	6,419	6,342	5,848	5,515	5,211	4,916	4,795
Legal services	3,607	3,571	3,111	2,874	2,701	2,642	2,631
Management of companies and enterprises	3,168	3,169	2,740	2,500	2,344	2,304	2,283
Real estate	3,098	3,032	2,628	2,422	2,271	2,226	2,215
Wholesale trade	2,410	2,388	2,032	1,835	1,710	1,664	1,645

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**6 Colorado Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	15,831	15,941	14,416	13,838	13,544	12,766	12,746
Indirect Defense Purchases Resulting from Direct Purchases	7,106	7,005	6,054	5,545	5,137	5,028	4,960
Induced Defense Purchases Resulting from Direct Pay	2,434	2,551	2,383	2,460	2,744	3,081	3,115
Total Nondefense Expenditures	443,134	454,024	464,941	482,122	492,771	509,884	518,164
Total Output	468,546	479,550	487,829	504,005	514,244	530,802	539,033
General government industry	5,076	5,172	4,903	4,966	5,219	4,525	4,567

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

General government industry	5,076	5,172	4,903	4,966	5,219	4,525	4,567
Professional, scientific and technical services	3,956	4,065	3,671	3,465	3,285	3,213	3,148
Offices of physicians, dentists, and other health practioners	1,188	1,083	1,080	1,093	1,094	1,060	1,074
Aerospace products and parts	754	855	823	781	761	821	831
Telecommunications	731	697	595	533	472	471	475

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	1,551	1,565	1,389	1,295	1,227	1,197	1,190
Administrative and support services	489	476	410	377	353	344	344
Information and data processing	446	431	373	343	322	311	311
Telecommunications	442	432	371	338	313	308	307
Management of companies and enterprices	357	357	309	282	264	259	257

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

## 7 Connecticut Summary

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>AGGREGATE MEASURES</b>							
Total Direct Expenditures (Purchases and Pay)	13,705	13,470	12,963	12,768	12,949	12,043	12,290
Indirect Defense Purchases Resulting from Direct Purchases	5,668	5,606	4,913	4,516	4,233	4,092	4,032
Induced Defense Purchases Resulting from Direct Pay	898	946	882	907	1,011	1,132	1,141
Total Nondefense Expenditures	409,300	420,425	430,314	445,199	457,892	472,363	482,766
Total Output	429,499	440,362	449,012	463,360	476,078	489,630	500,240
General government industry	625	651	622	637	696	538	548
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>							
<b>Total Direct Expenditures (Purchases and Pay)</b>							
Aerospace products and parts	4,321	4,820	4,623	4,382	4,242	4,489	4,518
Ship and boat building	2,756	1,945	2,242	2,631	3,161	2,192	2,465
Professional, scientific and technical services	1,988	1,995	1,909	1,832	1,736	1,624	1,551
Engine, turbine and power transmission equipment	984	1,039	966	940	922	996	1,003
General government industry	625	651	622	637	696	538	548
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Professional, scientific and technical services	780	768	722	685	648	605	586
Management of companies and enterprises	710	710	614	560	525	516	512
Insurance	430	419	368	343	326	323	323
Fabricated metal products	412	407	346	307	283	272	268
Securities, investments, funds and trusts	370	361	316	292	277	267	267

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

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**8 Delaware Summary**(Millions of 2011 dollars)

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**2009**      **2010**      **2011**      **2012**      **2013**      **2014**      **2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,303	1,298	1,151	1,100	1,085	969	971
Indirect Defense Purchases Resulting from Direct Purchases	1,650	1,623	1,404	1,289	1,201	1,176	1,163
Induced Defense Purchases Resulting from Direct Pay	401	420	391	402	448	502	506
Total Nondefense Expenditures	122,362	125,209	127,806	131,766	134,872	139,093	141,666
Total Output	125,724	128,559	130,758	134,564	137,613	141,745	144,312
General government industry	597	609	579	587	618	511	517

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

General government industry	597	609	579	587	618	511	517
New construction	97	103	83	74	64	60	58
Maintenance and repair construction	97	93	70	58	50	50	50
Professional, scientific and technical services	75	75	71	68	63	59	57
Insurance	69	67	65	64	63	63	64

**Indirect Defense Purchases Resulting from Direct Purchases**

Banks, credit cards and finance	315	310	270	249	233	229	228
Management of companies and enterprises	285	285	247	225	211	207	205
Insurance	191	186	164	152	145	143	143
Royalties	99	97	84	79	73	71	70
Rental and leasing of goods	83	83	73	70	66	65	64

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

## 9 District of Columbia Summary

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>AGGREGATE MEASURES</b>							
Total Direct Expenditures (Purchases and Pay)	10,006	9,983	8,565	8,127	8,234	8,608	8,683
Indirect Defense Purchases Resulting from Direct Purchases	3,814	3,685	3,109	2,826	2,631	2,576	2,579
Induced Defense Purchases Resulting from Direct Pay	1,321	1,381	1,290	1,331	1,484	1,668	1,688
Total Nondefense Expenditures	182,295	187,028	191,274	197,056	202,019	206,148	209,679
Total Output	197,470	202,109	204,267	209,366	214,392	219,024	222,653
General government industry	3,329	3,540	3,312	3,450	3,939	4,344	4,420

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	3,329	3,540	3,312	3,450	3,939	4,344	4,420
Professional, scientific and technical services	3,040	2,926	2,397	2,162	1,998	1,964	1,952
Computer systems design and related services	997	932	787	728	683	677	684
Administrative and support services	536	493	365	305	264	263	266
Fabricated metal products	399	455	398	332	313	333	335

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	1,192	1,126	907	808	746	732	738
Administrative and support services	1,161	1,131	973	895	837	817	817
Computer systems design and related services	323	313	272	249	232	226	225
Legal services	168	166	145	134	126	123	122
Real estate	99	97	84	77	72	71	71

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

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**10 Florida Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	33,135	33,143	29,254	27,595	26,951	23,310	23,428
Indirect Defense Purchases Resulting from Direct Purchases	15,789	15,524	13,386	12,259	11,452	11,189	11,106
Induced Defense Purchases Resulting from Direct Pay	5,657	5,934	5,538	5,707	6,365	7,143	7,221
Total Nondefense Expenditures	1,301,106	1,332,242	1,360,593	1,402,645	1,439,647	1,485,836	1,516,026
Total Output	1,355,865	1,387,021	1,408,910	1,448,330	1,484,528	1,527,598	1,557,898
General government industry	10,334	10,600	10,170	10,322	10,934	7,319	7,421

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

General government industry	10,334	10,600	10,170	10,322	10,934	7,319	7,421
Professional, scientific and technical services	2,920	2,893	2,503	2,317	2,164	2,101	2,062
Aerospace products and parts	1,541	1,694	1,611	1,521	1,463	1,528	1,533
New construction	1,494	1,591	1,283	1,153	991	927	883
Computer systems design and related services	1,372	1,291	1,089	1,009	948	942	952

**Indirect Defense Purchases Resulting from Direct Purchases**

Administrative and support services	2,804	2,758	2,396	2,210	2,084	2,041	2,038
Real estate	1,359	1,330	1,153	1,062	996	977	972
Professional, scientific and technical services	1,145	1,113	947	866	808	783	779
Wholesale trade	1,126	1,116	950	858	799	778	769
Management of companies and enterprises	1,019	1,019	882	804	754	741	734

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

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## 11 Georgia Summary

(Millions of 2011 dollars)

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	24,449	24,672	22,069	21,232	21,199	20,651	20,798
Indirect Defense Purchases Resulting from Direct Purchases	11,383	11,159	9,537	8,650	8,038	7,838	7,752
Induced Defense Purchases Resulting from Direct Pay	5,203	5,454	5,096	5,256	5,865	6,586	6,661
Total Nondefense Expenditures	819,632	841,777	859,762	886,471	909,040	935,315	953,105
Total Output	860,806	883,153	896,563	921,727	944,285	970,504	988,441
General government industry	10,579	10,889	10,280	10,485	11,253	10,594	10,718

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	10,579	10,889	10,280	10,485	11,253	10,594	10,718
Aerospace products and parts	2,259	2,544	2,421	2,287	2,221	2,400	2,432
Air transportation	1,704	1,626	1,411	1,281	1,148	1,156	1,167
Professional, scientific and technical services	1,449	1,412	1,167	1,059	978	959	950
Offices of physicians, dentists, and other health practioners	1,104	1,006	1,003	1,015	1,016	985	998

#### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	1,277	1,248	1,076	990	929	908	908
Management of companies and enterprices	805	806	697	636	596	586	580
Wholesale trade	743	737	627	566	527	513	508
Professional, scientific and technical services	568	543	441	396	365	357	359
Telecommunications	535	523	448	409	378	373	372

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

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## 12 Hawaii Summary

(Millions of 2011 dollars)

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	10,261	10,262	9,160	8,943	9,129	9,510	9,582
Indirect Defense Purchases Resulting from Direct Purchases	2,029	1,978	1,693	1,547	1,440	1,411	1,405
Induced Defense Purchases Resulting from Direct Pay	2,244	2,344	2,189	2,258	2,518	2,830	2,864
Total Nondefense Expenditures	149,245	152,701	155,714	159,796	163,465	166,566	169,332
Total Output	163,867	167,372	168,831	172,613	176,616	180,380	183,248
General government industry	6,171	6,342	5,941	6,062	6,509	6,958	7,029

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	6,171	6,342	5,941	6,062	6,509	6,958	7,029
Professional, scientific and technical services	655	634	533	486	449	435	428
Maintenance and repair construction	526	492	370	311	269	269	270
New construction	406	435	351	319	274	256	244
Air transportation	296	283	245	223	199	201	203

#### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	552	539	465	428	401	392	392
Professional, scientific and technical services	257	244	201	182	168	162	162
Electric utilities	245	240	204	183	168	165	164
Real estate	117	114	99	91	85	84	83
Management of companies and enterprises	93	93	81	73	69	68	67

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

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**13 Idaho Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,383	1,383	1,239	1,193	1,179	978	980
Indirect Defense Purchases Resulting from Direct Purchases	983	966	831	754	698	678	666
Induced Defense Purchases Resulting from Direct Pay	429	449	419	431	481	539	545
Total Nondefense Expenditures	95,237	97,999	100,038	103,221	106,104	109,544	111,925
Total Output	98,049	100,816	102,540	105,610	108,472	111,748	114,125
General government industry	748	760	725	732	762	568	573

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

General government industry	748	760	725	732	762	568	573
New construction	101	106	86	77	66	62	59
Truck transportation	99	93	76	68	64	65	66
Maintenance and repair construction	68	67	51	42	36	35	35
Professional, scientific and technical services	39	39	35	33	31	30	29
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Semiconductors and other electronic components	110	107	91	79	71	66	61
Management of companies and enterprises	89	89	77	70	66	65	64
Real estate	66	65	56	52	49	48	48
Wholesale trade	65	65	55	50	46	45	45
Wood products	41	41	32	28	25	23	22

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

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**14 Illinois Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	14,573	14,539	12,366	11,270	10,822	10,333	10,320
Indirect Defense Purchases Resulting from Direct Purchases	15,461	15,123	12,932	11,702	10,840	10,515	10,369
Induced Defense Purchases Resulting from Direct Pay	3,148	3,309	3,086	3,173	3,537	3,962	3,999
Total Nondefense Expenditures	1,263,349	1,298,162	1,324,466	1,366,635	1,400,337	1,443,095	1,470,655
Total Output	1,296,632	1,331,227	1,352,925	1,392,845	1,425,599	1,467,962	1,495,399
General government industry	2,755	2,911	2,765	2,862	3,212	2,776	2,831

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

General government industry	2,755	2,911	2,765	2,862	3,212	2,776	2,831
Air transportation	1,464	1,396	1,212	1,100	986	992	1,002
Professional, scientific and technical services	1,109	1,106	962	892	834	809	793
Other transportation equipment	1,102	1,010	681	433	308	276	240
Truck transportation	881	831	680	603	569	577	584

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprises	1,660	1,660	1,436	1,310	1,228	1,207	1,196
Fabricated metal products	1,370	1,355	1,149	1,021	941	906	890
Wholesale trade	1,050	1,040	885	799	745	725	717
Real estate	802	784	680	627	587	576	573
Petroleum and coal products	606	589	495	450	396	398	386

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

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**15 Indiana Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	10,297	10,541	8,301	7,119	6,689	6,494	6,414
Indirect Defense Purchases Resulting from Direct Purchases	9,141	8,878	7,448	6,537	5,967	5,726	5,588
Induced Defense Purchases Resulting from Direct Pay	1,723	1,817	1,698	1,744	1,946	2,183	2,208
Total Nondefense Expenditures	606,420	626,281	638,301	658,038	672,674	691,043	702,029
Total Output	627,629	647,542	655,774	673,467	687,311	705,460	716,255
General government industry	1,414	1,521	1,449	1,513	1,746	1,460	1,497

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

Motor vehicles	2,873	2,918	1,726	937	585	561	459
General government industry	1,414	1,521	1,449	1,513	1,746	1,460	1,497
124 Engine, turbine and power transmission equipment	707	747	693	673	660	713	718
Truck transportation	602	568	465	412	388	394	399
Communications and audio-video equipment	581	688	521	502	468	511	490

**Indirect Defense Purchases Resulting from Direct Purchases**

Iron and steel	1,096	1,042	867	753	684	629	602
Nonferrous metals	996	957	780	637	544	504	472
Fabricated metal products	792	783	664	590	544	523	514
Motor vehicle parts	590	560	406	303	252	239	222
Other chemicals	487	476	402	359	324	313	302

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

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**16 Iowa Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	2,902	2,977	2,570	2,394	2,292	2,148	2,139
Indirect Defense Purchases Resulting from Direct Purchases	3,156	3,074	2,636	2,384	2,214	2,131	2,096
Induced Defense Purchases Resulting from Direct Pay	690	728	680	698	779	872	879
Total Nondefense Expenditures	258,741	266,845	272,732	281,323	288,944	297,837	304,218
Total Output	265,515	273,648	278,633	286,813	294,243	303,001	309,346
General government industry	434	447	430	438	468	294	299

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

General government industry	434	447	430	438	468	294	299
Communications and audio-video equipment	349	401	316	304	283	298	285
Truck transportation	335	316	259	230	216	220	222
Professional, scientific and technical services	335	346	314	297	282	276	270
Search, detection and navigation equipment	282	296	273	258	249	265	271

**Indirect Defense Purchases Resulting from Direct Purchases**

Insurance	234	228	200	187	177	175	175
Fabricated metal products	227	224	190	169	156	150	147
Wholesale trade	172	171	145	131	122	119	118
Engine, turbine and power transmission equipment	161	135	118	105	104	84	83
Professional, scientific and technical services	131	133	119	111	105	103	102

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

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**17 Kansas Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,686	6,807	6,147	5,920	5,863	5,813	5,828
Indirect Defense Purchases Resulting from Direct Purchases	3,295	3,257	2,812	2,575	2,393	2,331	2,301
Induced Defense Purchases Resulting from Direct Pay	1,455	1,524	1,424	1,468	1,638	1,838	1,859
Total Nondefense Expenditures	224,436	231,550	238,024	246,994	254,148	263,165	268,897
Total Output	236,176	243,371	248,593	257,124	264,215	273,248	278,989
General government industry	3,163	3,213	3,025	3,062	3,208	3,144	3,168

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

General government industry	3,163	3,213	3,025	3,062	3,208	3,144	3,168
Aerospace products and parts	1,060	1,165	1,111	1,050	1,011	1,054	1,056
Professional, scientific and technical services	403	390	324	295	272	265	261
New construction	333	382	311	288	248	226	209
Telecommunications	199	190	163	147	130	129	130
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Aerospace products and parts	344	375	353	337	328	317	311
Legal services	247	244	213	197	185	181	180
Telecommunications	193	188	162	148	136	134	134
Administrative and support services	192	187	161	148	139	135	135
Wholesale trade	175	173	147	133	124	121	119

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

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**18 Kentucky Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	10,563	10,454	9,294	8,893	8,737	8,816	8,848
Indirect Defense Purchases Resulting from Direct Purchases	4,974	4,841	4,100	3,667	3,373	3,264	3,210
Induced Defense Purchases Resulting from Direct Pay	2,240	2,348	2,193	2,260	2,521	2,830	2,862
Total Nondefense Expenditures	318,630	328,386	335,335	345,442	353,313	362,876	369,089
Total Output	336,485	346,102	350,986	360,321	368,001	377,839	384,062
General government industry	4,803	4,849	4,553	4,594	4,759	4,869	4,896

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

General government industry	4,803	4,849	4,553	4,594	4,759	4,869	4,896
Transportation support, sightseeing, couriers	772	727	659	626	590	585	593
New construction	537	587	481	441	383	352	328
Offices of physicians, dentists, and other health practioners	410	374	373	377	377	366	371
Fabricated metal products	404	452	385	318	299	316	318
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Administrative and support services	531	526	459	424	402	395	395
Iron and steel	350	333	277	241	218	201	192
Nonferrous metals	318	306	249	204	174	161	151
Motor vehicle parts	254	241	175	131	109	103	96
Transportation support, sightseeing, couriers	250	241	205	185	172	172	173

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

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**19 Louisiana Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	8,183	8,260	7,121	6,695	6,563	6,181	6,217
Indirect Defense Purchases Resulting from Direct Purchases	7,624	7,526	6,391	5,862	5,238	5,247	5,098
Induced Defense Purchases Resulting from Direct Pay	1,761	1,826	1,694	1,736	1,927	2,155	2,170
Total Nondefense Expenditures	488,705	498,605	510,422	531,733	534,036	558,359	560,465
Total Output	506,229	516,259	525,625	545,981	547,661	571,919	573,907
General government industry	2,408	2,462	2,329	2,364	2,501	2,256	2,278

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

General government industry	2,408	2,462	2,329	2,364	2,501	2,256	2,278
Professional, scientific and technical services	1,327	1,484	1,296	1,222	1,175	1,227	1,237
New construction	664	768	626	581	500	453	419
Water transportation	637	614	530	484	467	476	483
Ship and boat building	435	317	354	409	485	344	384

**Indirect Defense Purchases Resulting from Direct Purchases**

Petroleum and coal products	2,537	2,466	2,071	1,884	1,658	1,666	1,615
Crude oil extraction	718	706	585	567	404	455	382
Professional, scientific and technical services	520	571	490	457	439	457	468
Administrative and support services	369	359	309	284	266	260	260
Management of companies and enterprises	317	317	274	250	234	230	228

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

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**20 Maine Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,032	2,873	2,728	2,771	3,004	2,541	2,626
Indirect Defense Purchases Resulting from Direct Purchases	1,089	1,102	969	892	847	831	822
Induced Defense Purchases Resulting from Direct Pay	485	508	475	489	545	612	619
Total Nondefense Expenditures	111,905	114,568	116,526	119,751	122,733	126,188	128,662
Total Output	116,549	119,088	120,722	123,915	127,132	130,173	132,738
General government industry	817	891	849	894	1,054	901	926

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

Ship and boat building	1,079	846	906	989	1,109	798	860
General government industry	817	891	849	894	1,054	901	926
Apparel	194	188	166	160	159	159	158
Fabricated metal products	113	129	113	94	89	94	95
Hospitals	102	102	91	87	86	86	86
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Administrative and support services	157	181	176	167	172	176	175
Paper	79	76	65	58	54	52	52
Wholesale trade	68	67	57	51	48	47	46
Real estate	65	63	55	51	48	47	46
Aerospace products and parts	65	70	66	63	62	59	58

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

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**21 Maryland Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	23,312	23,599	20,668	19,758	19,812	19,194	19,259
Indirect Defense Purchases Resulting from Direct Purchases	8,281	8,130	7,023	6,443	6,016	5,835	5,778
Induced Defense Purchases Resulting from Direct Pay	3,067	3,211	2,998	3,091	3,447	3,871	3,915
Total Nondefense Expenditures	583,329	597,110	608,584	626,828	642,573	659,800	671,746
Total Output	618,008	632,028	639,296	656,147	671,879	688,700	700,691
General government industry	6,279	6,711	6,350	6,619	7,582	7,048	7,199

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

General government industry	6,279	6,711	6,350	6,619	7,582	7,048	7,199
Professional, scientific and technical services	5,477	5,467	4,804	4,474	4,203	4,086	4,006
Computer systems design and related services	1,979	1,874	1,582	1,469	1,381	1,374	1,388
Communications and audio-video equipment	1,014	1,172	903	864	804	865	834
New construction	834	902	725	652	560	520	491

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	2,148	2,104	1,817	1,673	1,569	1,523	1,514
Administrative and support services	962	943	817	753	708	692	692
Computer systems design and related services	642	629	547	502	470	459	457
Real estate	375	367	318	293	275	270	268
Wholesale trade	338	335	285	258	240	234	231

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

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**22 Massachusetts Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	15,522	16,079	14,233	13,308	12,770	12,538	12,435
Indirect Defense Purchases Resulting from Direct Purchases	9,839	9,849	8,685	8,035	7,576	7,341	7,209
Induced Defense Purchases Resulting from Direct Pay	1,548	1,629	1,517	1,559	1,737	1,944	1,961
Total Nondefense Expenditures	704,473	723,717	740,514	766,273	787,761	812,559	830,304
Total Output	731,593	751,451	765,117	789,344	810,023	834,535	852,070
General government industry	1,243	1,321	1,258	1,305	1,478	1,236	1,264

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

Professional, scientific and technical services	5,304	5,521	5,058	4,804	4,574	4,477	4,382
Aerospace products and parts	1,731	1,942	1,849	1,746	1,693	1,819	1,840
General government industry	1,243	1,321	1,258	1,305	1,478	1,236	1,264
Search, detection and navigation equipment	792	808	727	681	648	668	673
Communications and audio-video equipment	602	675	550	527	491	502	477

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	2,080	2,125	1,913	1,796	1,708	1,668	1,656
Management of companies and enterprises	807	808	699	637	598	587	582
Administrative and support services	623	660	666	666	666	610	562
Securities, investments, funds and trusts	534	521	455	421	400	385	384
Fabricated metal products	531	525	445	396	365	351	345

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

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**23 Michigan Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	8,014	7,936	6,546	5,799	5,537	5,120	5,092
Indirect Defense Purchases Resulting from Direct Purchases	9,944	9,715	8,134	7,204	6,609	6,392	6,268
Induced Defense Purchases Resulting from Direct Pay	2,131	2,253	2,112	2,174	2,427	2,720	2,749
Total Nondefense Expenditures	881,083	909,039	925,926	955,727	977,619	1,005,348	1,023,601
Total Output	901,213	928,986	942,749	970,927	992,206	1,019,593	1,037,719
General government industry	1,380	1,487	1,420	1,484	1,715	1,365	1,401

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

Other transportation equipment	1,547	1,422	970	629	455	406	353
General government industry	1,380	1,487	1,420	1,484	1,715	1,365	1,401
Air transportation	616	588	510	463	415	418	422
Professional, scientific and technical services	581	571	498	461	430	413	403
Truck transportation	490	463	379	336	317	321	325

**Indirect Defense Purchases Resulting from Direct Purchases**

Motor vehicle parts	1,293	1,227	890	666	553	525	488
Management of companies and enterprises	1,122	1,123	971	886	830	816	809
Fabricated metal products	1,000	989	839	746	687	661	650
Wholesale trade	608	602	513	463	431	420	415
Real estate	437	427	370	341	320	314	312

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

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**24 Minnesota Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	5,162	5,191	4,534	4,165	3,955	3,730	3,744
Indirect Defense Purchases Resulting from Direct Purchases	6,764	6,650	5,704	5,180	4,806	4,687	4,633
Induced Defense Purchases Resulting from Direct Pay	1,120	1,178	1,097	1,126	1,255	1,404	1,416
Total Nondefense Expenditures	508,816	522,898	534,084	551,774	566,165	584,559	596,686
Total Output	521,963	536,002	545,484	562,301	576,234	594,415	606,514
General government industry	662	685	659	672	725	473	481

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

Air transportation	741	707	613	557	499	503	508
General government industry	662	685	659	672	725	473	481
Fabricated metal products	549	620	542	455	429	450	449
Wholesale trade	388	371	335	325	322	316	322
Truck transportation	321	302	248	219	207	210	212

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprises	1,051	1,051	909	829	778	764	757
Fabricated metal products	520	514	436	388	357	344	338
Performing arts, spectator sports and museums	439	426	356	320	295	298	304
Wholesale trade	427	423	360	325	303	295	291
Petroleum and coal products	314	305	256	233	205	206	200

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

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**25 Mississippi Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	8,082	7,178	6,984	7,275	7,901	6,451	6,781
Indirect Defense Purchases Resulting from Direct Purchases	2,410	2,367	2,020	1,839	1,694	1,647	1,615
Induced Defense Purchases Resulting from Direct Pay	1,025	1,075	1,004	1,034	1,154	1,295	1,310
Total Nondefense Expenditures	186,053	191,070	195,114	201,222	205,813	212,348	215,954
Total Output	197,629	201,747	205,165	211,404	216,588	221,767	225,683
General government industry	1,911	1,994	1,894	1,946	2,137	1,823	1,854

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

Ship and boat building	3,159	2,262	2,600	3,039	3,628	2,521	2,823
General government industry	1,911	1,994	1,894	1,946	2,137	1,823	1,854
Offices of physicians, dentists, and other health practioners	587	535	534	540	540	524	531
Professional, scientific and technical services	415	400	330	298	275	267	264
New construction	272	303	246	226	194	179	167

**Indirect Defense Purchases Resulting from Direct Purchases**

Administrative and support services	215	213	192	181	172	164	160
Professional, scientific and technical services	163	154	125	112	103	100	100
Fabricated metal products	115	114	96	86	79	76	75
Management of companies and enterprices	112	112	97	89	83	82	81
Wholesale trade	111	110	94	85	79	77	76

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

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**26 Missouri Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	13,287	13,871	12,468	11,639	11,331	11,122	11,171
Indirect Defense Purchases Resulting from Direct Purchases	6,604	6,515	5,610	5,097	4,738	4,597	4,531
Induced Defense Purchases Resulting from Direct Pay	1,798	1,890	1,765	1,817	2,028	2,275	2,299
Total Nondefense Expenditures	479,900	493,627	504,878	521,753	535,887	552,655	564,025
Total Output	501,625	515,885	524,733	540,353	554,069	570,697	582,091
General government industry	2,568	2,648	2,516	2,566	2,756	2,311	2,342

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

Aerospace products and parts	3,013	3,412	3,278	3,109	3,027	3,266	3,305
General government industry	2,568	2,648	2,516	2,566	2,756	2,311	2,342
Fabricated metal products	1,132	1,283	1,119	934	880	931	935
Professional, scientific and technical services	988	1,003	910	859	810	781	760
Computer systems design and related services	614	616	565	541	511	489	475

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprises	916	916	793	723	678	666	660
Professional, scientific and technical services	388	386	344	321	303	291	287
Fabricated metal products	378	374	317	282	260	250	246
Wholesale trade	370	367	312	282	262	255	253
Administrative and support services	342	333	287	264	247	241	241

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

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**27 Montana Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,075	1,077	955	913	903	782	785
Indirect Defense Purchases Resulting from Direct Purchases	632	625	537	490	452	444	437
Induced Defense Purchases Resulting from Direct Pay	276	289	269	277	309	347	351
Total Nondefense Expenditures	60,718	62,036	63,291	65,224	66,701	68,927	70,145
Total Output	62,710	64,035	65,060	66,911	68,372	70,506	71,723
General government industry	551	561	534	541	569	452	457

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

General government industry	551	561	534	541	569	452	457
New construction	71	76	62	56	48	45	42
Maintenance and repair construction	63	62	47	39	33	33	33
Truck transportation	62	58	48	42	40	40	41
Rail transportation	46	43	35	31	29	29	29
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Petroleum and coal products	55	54	45	41	36	36	35
Administrative and support services	45	51	49	46	47	48	48
Wholesale trade	43	42	36	32	30	29	29
Real estate	39	38	33	30	29	28	28
Rail transportation	32	31	26	23	21	20	20

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

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**28 Nebraska Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,584	3,524	3,141	3,010	2,981	2,783	2,799
Indirect Defense Purchases Resulting from Direct Purchases	1,841	1,797	1,536	1,394	1,297	1,263	1,251
Induced Defense Purchases Resulting from Direct Pay	707	742	693	713	794	891	900
Total Nondefense Expenditures	155,138	159,725	163,279	168,369	172,963	178,355	182,233
Total Output	161,294	165,810	168,667	173,502	178,051	183,306	187,197
General government industry	1,234	1,266	1,201	1,222	1,302	1,129	1,142

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

General government industry	1,234	1,266	1,201	1,222	1,302	1,129	1,142
Professional, scientific and technical services	629	620	526	483	450	442	437
Truck transportation	289	272	223	198	186	189	191
Offices of physicians, dentists, and other health practioners	288	262	261	264	265	257	260
Rail transportation	198	186	151	133	125	126	128

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	247	239	199	180	168	165	165
Rail transportation	159	154	129	115	105	102	101
Management of companies and enterprices	132	132	114	104	97	96	95
Wholesale trade	114	113	96	87	81	79	78
Truck transportation	108	106	90	81	75	74	73

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

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**29 Nevada Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	5,456	5,382	4,786	4,538	4,370	3,897	3,905
Indirect Defense Purchases Resulting from Direct Purchases	2,384	2,345	2,020	1,848	1,722	1,682	1,669
Induced Defense Purchases Resulting from Direct Pay	834	875	816	841	938	1,053	1,064
Total Nondefense Expenditures	202,309	206,319	210,487	216,420	221,910	228,703	232,928
Total Output	211,003	214,938	218,125	223,661	228,954	235,348	239,579
General government industry	1,650	1,664	1,590	1,598	1,640	1,183	1,191

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

General government industry	1,650	1,664	1,590	1,598	1,640	1,183	1,191
Accommodation	743	712	614	564	523	524	525
Offices of physicians, dentists, and other health practitioners	566	515	514	520	521	505	511
New construction	317	339	274	247	212	198	188
Air transportation	270	257	223	203	182	183	185

**Indirect Defense Purchases Resulting from Direct Purchases**

Accommodation	350	347	305	283	268	264	264
Management of companies and enterprises	306	306	265	242	227	223	221
Real estate	185	181	157	144	135	133	132
Banks, credit cards and finance	167	164	143	131	123	121	120
Administrative and support services	116	113	97	89	84	82	82

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

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**30 New Hampshire Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	2,510	2,561	2,249	2,100	2,014	1,854	1,856
Indirect Defense Purchases Resulting from Direct Purchases	1,374	1,353	1,168	1,063	989	957	941
Induced Defense Purchases Resulting from Direct Pay	314	330	308	316	353	395	399
Total Nondefense Expenditures	112,247	115,231	117,685	121,523	124,687	128,622	131,249
Total Output	116,436	119,470	121,407	125,002	128,043	131,828	134,447
General government industry	367	376	365	370	391	200	204

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

Search, detection and navigation equipment	429	456	426	406	393	422	431
General government industry	367	376	365	370	391	200	204
Professional, scientific and technical services	365	368	344	328	310	293	283
Aerospace products and parts	199	202	170	150	137	140	141
Fabricated metal products	145	149	113	90	82	85	85

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	143	142	130	123	116	109	107
Fabricated metal products	137	136	115	102	94	91	89
Management of companies and enterprises	97	97	84	76	72	70	70
Wholesale trade	94	93	79	71	66	65	64
Real estate	82	81	70	64	60	59	59

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

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**31 New Jersey Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	14,709	15,029	13,222	12,554	12,399	12,358	12,442
Indirect Defense Purchases Resulting from Direct Purchases	11,866	11,813	10,166	9,307	8,687	8,543	8,473
Induced Defense Purchases Resulting from Direct Pay	2,526	2,655	2,476	2,548	2,841	3,186	3,219
Total Nondefense Expenditures	955,765	980,113	999,746	1,031,294	1,056,291	1,087,983	1,108,383
Total Output	984,898	1,009,640	1,025,636	1,055,726	1,080,241	1,112,092	1,132,539
General government industry	2,264	2,460	2,324	2,446	2,878	2,769	2,836

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

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Professional, scientific and technical services	3,625	3,977	3,553	3,365	3,236	3,313	3,309
General government industry	2,264	2,460	2,324	2,446	2,878	2,769	2,836
Offices of physicians, dentists, and other health practioners	980	893	891	901	902	874	886
Computer systems design and related services	667	689	569	543	518	538	543
Truck transportation	640	599	477	415	386	391	395

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	1,422	1,531	1,344	1,258	1,208	1,234	1,251
Management of companies and enterprices	1,073	1,073	928	847	794	780	773
Wholesale trade	948	939	799	722	673	655	647
Real estate	705	689	598	551	516	506	504
Other chemicals	649	634	535	478	431	417	402

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

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**32 New Mexico Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	4,495	4,540	4,059	3,909	3,909	3,568	3,569
Indirect Defense Purchases Resulting from Direct Purchases	2,323	2,287	1,981	1,831	1,652	1,627	1,576
Induced Defense Purchases Resulting from Direct Pay	867	906	845	871	970	1,089	1,101
Total Nondefense Expenditures	150,059	153,774	157,399	164,030	165,140	172,265	173,211
Total Output	157,771	161,533	164,305	170,658	171,689	178,566	179,473
General government industry	1,859	1,928	1,831	1,874	2,037	1,741	1,767

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

General government industry	1,859	1,928	1,831	1,874	2,037	1,741	1,767
Professional, scientific and technical services	963	980	905	860	815	782	759
Maintenance and repair construction	193	183	138	116	100	99	99
New construction	190	207	168	153	131	122	115
Administrative and support services	166	153	113	95	82	82	82

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	378	377	342	322	304	292	287
Administrative and support services	360	351	302	278	260	254	254
Crude oil extraction	282	278	230	223	159	179	150
Semiconductors and other electronic components	161	157	133	115	103	97	90
Petroleum and coal products	105	102	86	78	69	69	67

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

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**33 New York Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	21,340	21,310	18,873	17,870	17,300	16,774	16,773
Indirect Defense Purchases Resulting from Direct Purchases	22,563	22,163	19,107	17,460	16,300	15,873	15,723
Induced Defense Purchases Resulting from Direct Pay	5,205	5,482	5,119	5,273	5,875	6,571	6,622
Total Nondefense Expenditures	2,007,742	2,058,854	2,104,193	2,171,620	2,227,297	2,292,686	2,339,312
Total Output	2,056,807	2,107,765	2,147,286	2,212,240	2,266,809	2,331,948	2,378,482
General government industry	3,860	3,963	3,737	3,806	4,067	3,903	3,945

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

General government industry	3,860	3,963	3,737	3,806	4,067	3,903	3,945
Professional, scientific and technical services	2,669	2,644	2,358	2,206	2,067	1,976	1,921
Aerospace products and parts	2,117	2,187	2,060	1,942	1,833	1,766	1,729
Air transportation	1,273	1,215	1,054	957	857	863	872
Telecommunications	1,108	1,058	905	811	720	717	722

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprises	3,283	3,284	2,840	2,591	2,429	2,388	2,366
Securities, investments, funds and trusts	2,853	2,785	2,433	2,250	2,137	2,056	2,055
Real estate	1,761	1,723	1,494	1,376	1,291	1,265	1,259
Telecommunications	1,370	1,339	1,149	1,049	969	955	953
Wholesale trade	1,343	1,331	1,132	1,023	953	928	917

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

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**34 North Carolina Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	17,143	17,043	15,384	14,941	14,912	14,115	14,165
Indirect Defense Purchases Resulting from Direct Purchases	9,493	9,291	7,938	7,168	6,650	6,460	6,375
Induced Defense Purchases Resulting from Direct Pay	5,129	5,382	5,025	5,176	5,774	6,479	6,549
Total Nondefense Expenditures	772,277	793,769	809,989	833,731	854,389	879,225	896,003
Total Output	804,288	825,716	838,526	861,185	881,886	906,429	923,241
General government industry	9,704	9,838	9,290	9,387	9,784	9,086	9,152

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

General government industry	9,704	9,838	9,290	9,387	9,784	9,086	9,152
Offices of physicians, dentists, and other health practioners	1,247	1,136	1,133	1,147	1,148	1,113	1,127
New construction	804	887	719	656	565	522	490
Maintenance and repair construction	651	628	475	396	341	337	335
Professional, scientific and technical services	609	604	525	487	454	437	427

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprices	920	921	796	727	681	669	663
Administrative and support services	712	694	598	550	514	502	502
Banks, credit cards and finance	653	642	558	515	483	473	471
Wholesale trade	513	508	432	391	364	354	350
Other chemicals	493	482	406	363	327	317	305

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

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**35 North Dakota Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,322	1,335	1,185	1,147	1,139	1,134	1,134
Indirect Defense Purchases Resulting from Direct Purchases	580	566	486	443	411	399	394
Induced Defense Purchases Resulting from Direct Pay	332	348	324	334	373	418	423
Total Nondefense Expenditures	52,044	53,466	54,808	56,674	58,219	60,127	61,392
Total Output	54,295	55,731	56,817	58,610	60,153	62,090	63,354
General government industry	732	745	700	709	745	752	758

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

General government industry	732	745	700	709	745	752	758
New construction	136	157	128	118	102	93	86
Maintenance and repair construction	68	65	49	41	35	35	35
Truck transportation	66	63	51	46	43	44	44
Professional, scientific and technical services	31	31	28	26	24	23	22
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Wholesale trade	51	51	43	39	36	35	35
Information and data processing	39	39	34	32	31	30	30
Management of companies and enterprises	25	25	22	20	18	18	18
Truck transportation	23	22	19	17	16	15	15
Engine, turbine and power transmission equipment	22	19	16	15	14	12	11

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

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**36 Ohio Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	14,591	14,781	13,090	12,438	12,434	11,828	11,849
Indirect Defense Purchases Resulting from Direct Purchases	15,123	14,816	12,573	11,265	10,375	10,022	9,837
Induced Defense Purchases Resulting from Direct Pay	3,118	3,280	3,063	3,151	3,515	3,942	3,983
Total Nondefense Expenditures	1,063,814	1,095,843	1,116,426	1,150,734	1,177,258	1,211,361	1,232,688
Total Output	1,096,830	1,128,854	1,145,277	1,177,710	1,203,715	1,237,224	1,258,430
General government industry	3,410	3,684	3,499	3,666	4,266	3,768	3,862

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

General government industry	3,410	3,684	3,499	3,666	4,266	3,768	3,862
Professional, scientific and technical services	3,002	3,020	2,676	2,502	2,357	2,293	2,246
Aerospace products and parts	1,347	1,421	1,354	1,278	1,210	1,186	1,166
Truck transportation	832	785	642	570	537	545	551
Wholesale trade	592	552	517	502	495	480	488

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprises	1,535	1,535	1,328	1,211	1,136	1,116	1,106
Fabricated metal products	1,494	1,477	1,253	1,114	1,026	987	971
Professional, scientific and technical services	1,177	1,162	1,012	936	880	854	849
Iron and steel	992	944	785	682	619	570	545
Nonferrous metals	902	867	707	577	493	456	427

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

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**37 Oklahoma Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	8,162	8,229	7,399	7,231	7,463	7,225	7,307
Indirect Defense Purchases Resulting from Direct Purchases	3,689	3,615	3,073	2,810	2,529	2,500	2,433
Induced Defense Purchases Resulting from Direct Pay	1,807	1,891	1,766	1,821	2,030	2,280	2,306
Total Nondefense Expenditures	302,314	309,348	316,371	328,234	332,060	344,561	347,247
Total Output	316,016	323,122	328,646	340,133	344,120	356,602	359,329
General government industry	3,853	4,056	3,830	3,959	4,427	4,215	4,289

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

General government industry	3,853	4,056	3,830	3,959	4,427	4,215	4,289
Offices of physicians, dentists, and other health practioners	811	739	737	746	746	724	733
Professional, scientific and technical services	445	453	387	358	336	334	332
Maintenance and repair construction	401	380	287	240	208	207	207
New construction	295	315	254	230	198	185	177

**Indirect Defense Purchases Resulting from Direct Purchases**

Crude oil extraction	420	413	342	332	237	266	224
Administrative and support services	273	266	229	211	198	193	193
Fabricated metal products	246	243	207	184	169	163	160
Management of companies and enterprices	207	207	179	164	153	151	149
Professional, scientific and technical services	174	174	147	134	126	125	125

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

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**38 Oregon Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,418	3,407	2,874	2,608	2,505	2,072	2,056
Indirect Defense Purchases Resulting from Direct Purchases	3,874	3,808	3,260	2,934	2,703	2,613	2,556
Induced Defense Purchases Resulting from Direct Pay	794	833	776	798	889	996	1,005
Total Nondefense Expenditures	296,664	306,188	312,688	323,416	332,317	343,005	350,224
Total Output	304,780	314,280	319,619	329,767	338,417	348,694	355,844
General government industry	806	840	812	831	904	518	529

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

General government industry	806	840	812	831	904	518	529
Motor vehicles	422	428	253	137	86	82	67
Communications and audio-video equipment	222	229	209	199	185	171	160
Truck transportation	221	209	170	151	142	144	146
Educational services	186	171	137	122	111	109	109

**Indirect Defense Purchases Resulting from Direct Purchases**

Semiconductors and other electronic components	473	461	391	338	303	284	264
Management of companies and enterprises	322	322	278	254	238	234	232
Wholesale trade	249	247	210	190	177	172	170
Real estate	214	210	182	168	157	154	153
Wood products	193	190	150	131	114	108	105

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

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**39 Pennsylvania Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	18,109	18,234	15,669	14,418	14,213	13,465	13,521
Indirect Defense Purchases Resulting from Direct Purchases	14,673	14,396	12,287	11,092	10,235	9,934	9,771
Induced Defense Purchases Resulting from Direct Pay	3,167	3,326	3,102	3,190	3,558	3,991	4,032
Total Nondefense Expenditures	1,162,981	1,193,398	1,216,173	1,252,844	1,282,047	1,320,260	1,343,770
Total Output	1,198,803	1,229,306	1,247,170	1,281,445	1,309,931	1,347,610	1,371,041
General government industry	3,191	3,475	3,310	3,482	4,097	3,469	3,566

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

General government industry	3,191	3,475	3,310	3,482	4,097	3,469	3,566
Professional, scientific and technical services	2,996	3,062	2,687	2,509	2,370	2,344	2,314
Other transportation equipment	1,767	1,617	1,082	683	483	436	382
Aerospace products and parts	1,400	1,565	1,497	1,417	1,373	1,461	1,473
Truck transportation	877	824	666	586	549	556	562

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	1,175	1,178	1,016	938	885	873	875
Management of companies and enterprises	1,058	1,058	915	835	783	769	762
Fabricated metal products	959	948	804	715	659	634	623
Iron and steel	933	888	738	641	582	536	512
Nonferrous metals	848	815	664	543	464	429	402

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

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**40 Rhode Island Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,587	1,637	1,470	1,440	1,519	1,459	1,481
Indirect Defense Purchases Resulting from Direct Purchases	1,071	1,051	903	820	762	740	731
Induced Defense Purchases Resulting from Direct Pay	391	410	382	393	439	492	498
Total Nondefense Expenditures	105,861	108,465	110,254	113,270	115,964	119,072	121,272
Total Output	108,923	111,574	113,018	115,932	118,693	121,771	123,989
General government industry	625	686	649	687	818	759	779

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

General government industry	625	686	649	687	818	759	779
Computer systems design and related services	239	221	188	173	162	160	161
Aerospace products and parts	109	124	119	113	111	120	122
New construction	78	85	69	62	54	50	47
Maintenance and repair construction	72	69	52	44	38	37	37

**Indirect Defense Purchases Resulting from Direct Purchases**

Management of companies and enterprises	104	104	90	82	77	76	75
Banks, credit cards and finance	96	94	82	76	71	70	69
Fabricated metal products	87	86	73	65	60	58	57
Computer systems design and related services	77	74	65	59	55	53	53
Real estate	71	69	60	55	52	51	51

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

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**41 South Carolina Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	8,592	8,564	7,445	6,943	6,813	5,952	5,966
Indirect Defense Purchases Resulting from Direct Purchases	4,227	4,122	3,501	3,146	2,906	2,809	2,767
Induced Defense Purchases Resulting from Direct Pay	1,753	1,838	1,717	1,770	1,975	2,218	2,244
Total Nondefense Expenditures	300,115	308,271	314,406	323,570	331,332	341,200	347,201
Total Output	314,737	322,852	327,115	335,468	343,056	352,219	358,217
General government industry	3,577	3,660	3,489	3,540	3,743	2,910	2,944

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

General government industry	3,577	3,660	3,489	3,540	3,743	2,910	2,944
Computer systems design and related services	752	697	590	544	510	502	508
Other transportation equipment	595	545	364	228	160	144	125
Maintenance and repair construction	356	341	258	216	185	184	183
New construction	336	355	286	257	221	208	199

**Indirect Defense Purchases Resulting from Direct Purchases**

Fabricated metal products	357	353	299	266	245	236	232
Administrative and support services	256	249	214	197	184	180	180
Computer systems design and related services	244	234	204	186	173	168	167
Plastic products	241	236	205	188	176	168	167
Wholesale trade	209	207	176	159	148	145	143

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

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**42 South Dakota Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,327	1,304	1,208	1,183	1,181	1,083	1,090
Indirect Defense Purchases Resulting from Direct Purchases	622	608	524	479	446	433	428
Induced Defense Purchases Resulting from Direct Pay	295	310	289	297	331	371	375
Total Nondefense Expenditures	63,037	64,838	66,281	68,282	70,160	72,387	74,041
Total Output	65,290	67,068	68,310	70,246	72,124	74,280	75,940
General government industry	494	504	478	484	508	421	425

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

General government industry	494	504	478	484	508	421	425
Dairy products, meat and seafood	350	319	328	336	339	328	333
Truck transportation	71	67	55	48	46	46	47
New construction	50	55	45	41	35	33	31
Other transportation equipment	45	44	40	39	40	39	39
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Banks, credit cards and finance	112	110	96	88	83	81	81
Wholesale trade	45	45	38	34	32	31	31
Management of companies and enterprises	29	29	25	23	22	21	21
Fabricated metal products	27	27	23	20	19	18	18
Animal production	26	25	24	23	23	22	22

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

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**43 Tennessee Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	7,552	7,529	6,397	5,887	5,705	4,780	4,798
Indirect Defense Purchases Resulting from Direct Purchases	6,205	6,068	5,159	4,635	4,276	4,141	4,073
Induced Defense Purchases Resulting from Direct Pay	1,683	1,771	1,653	1,700	1,897	2,127	2,149
Total Nondefense Expenditures	501,555	516,274	526,748	543,095	556,749	574,145	585,456
Total Output	517,070	531,709	540,006	555,358	568,665	585,220	596,502
General government industry	1,776	1,845	1,787	1,824	1,971	1,048	1,072

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

General government industry	1,776	1,845	1,787	1,824	1,971	1,048	1,072
Water transportation	1,394	1,310	996	862	787	784	786
Truck transportation	669	631	517	458	432	438	443
New construction	382	401	337	307	271	248	228
Publishing, except software	324	362	297	279	263	276	280
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Fabricated metal products	543	537	456	405	373	359	353
Transportation support, sightseeing, couriers	415	399	339	307	285	285	286
Wholesale trade	409	405	345	311	290	282	279
Management of companies and enterprices	310	311	269	245	230	226	224
Truck transportation	262	257	218	196	182	179	177

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

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**44 Texas Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	65,605	66,773	59,412	55,691	53,948	51,745	51,668
Indirect Defense Purchases Resulting from Direct Purchases	32,917	32,393	27,727	25,359	22,979	22,705	22,121
Induced Defense Purchases Resulting from Direct Pay	10,134	10,592	9,875	10,166	11,327	12,706	12,836
Total Nondefense Expenditures	2,241,398	2,295,307	2,349,455	2,444,168	2,470,394	2,571,595	2,593,811
Total Output	2,350,419	2,405,392	2,446,770	2,535,680	2,558,954	2,659,011	2,680,704
General government industry	18,395	18,755	17,762	18,002	18,949	16,697	16,853

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

General government industry	18,395	18,755	17,762	18,002	18,949	16,697	16,853
Aerospace products and parts	14,666	15,791	15,005	14,148	13,495	13,684	13,600
Professional, scientific and technical services	5,943	6,174	5,565	5,256	4,987	4,903	4,814
Motor vehicles	2,957	2,998	1,776	971	612	588	484
Air transportation	2,584	2,464	2,138	1,942	1,740	1,752	1,770

**Indirect Defense Purchases Resulting from Direct Purchases**

Petroleum and coal products	3,613	3,511	2,949	2,683	2,361	2,373	2,300
Crude oil extraction	2,834	2,788	2,309	2,241	1,596	1,797	1,508
Professional, scientific and technical services	2,331	2,376	2,105	1,965	1,862	1,827	1,819
Administrative and support services	1,957	1,959	1,724	1,596	1,523	1,501	1,500
Wholesale trade	1,704	1,689	1,437	1,298	1,209	1,177	1,164

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

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**45 Utah Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,461	6,951	6,134	5,909	6,035	6,054	6,122
Indirect Defense Purchases Resulting from Direct Purchases	3,164	3,235	2,786	2,549	2,389	2,385	2,378
Induced Defense Purchases Resulting from Direct Pay	1,027	1,077	1,005	1,035	1,154	1,296	1,310
Total Nondefense Expenditures	220,568	225,757	230,170	237,099	242,703	249,265	253,320
Total Output	231,279	237,065	240,133	246,627	252,317	259,023	263,153
General government industry	1,825	1,983	1,874	1,971	2,318	2,222	2,276

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

Professional, scientific and technical services	2,359	2,687	2,397	2,279	2,210	2,314	2,331
General government industry	1,825	1,983	1,874	1,971	2,318	2,222	2,276
Air transportation	326	311	270	245	219	221	223
New construction	280	306	249	228	196	181	170
Maintenance and repair construction	210	203	154	128	110	109	108

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	925	1,034	907	852	825	862	881
Management of companies and enterprises	194	194	168	153	144	141	140
Banks, credit cards and finance	140	137	119	110	103	101	101
Iron and steel	138	132	109	95	86	79	76
Nonferrous metals	126	121	98	80	69	64	60

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

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**46 Vermont Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	906	950	851	788	769	738	742
Indirect Defense Purchases Resulting from Direct Purchases	456	448	385	349	323	313	307
Induced Defense Purchases Resulting from Direct Pay	141	148	138	142	159	178	180
Total Nondefense Expenditures	46,049	47,252	48,255	49,793	51,126	52,686	53,803
Total Output	47,558	48,802	49,633	51,076	52,381	53,918	55,035
General government industry	170	175	168	171	183	129	131

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

Fabricated metal products	209	238	209	175	165	174	174
General government industry	170	175	168	171	183	129	131
Semiconductors and other electronic components	120	126	119	117	117	129	131
Aerospace products and parts	74	85	81	77	75	82	83
Professional, scientific and technical services	47	47	43	41	39	36	35

**Indirect Defense Purchases Resulting from Direct Purchases**

Fabricated metal products	36	35	30	27	25	24	23
Wholesale trade	32	32	27	25	23	22	22
Real estate	31	30	26	24	23	22	22
Semiconductors and other electronic components	29	28	24	21	18	17	16
Telecommunications	22	22	18	17	16	15	15

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

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**47 Virginia Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	74,917	73,361	64,676	62,259	62,739	58,372	59,058
Indirect Defense Purchases Resulting from Direct Purchases	24,931	24,262	20,553	18,706	17,409	17,034	17,004
Induced Defense Purchases Resulting from Direct Pay	8,019	8,389	7,834	8,079	9,009	10,120	10,237
Total Nondefense Expenditures	957,801	983,979	1,008,253	1,041,462	1,069,514	1,098,529	1,117,770
Total Output	1,065,902	1,090,212	1,101,545	1,130,731	1,158,887	1,184,271	1,204,287
General government industry	18,226	19,267	18,268	18,914	21,256	18,936	19,306

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

Professional, scientific and technical services	23,016	22,594	18,937	17,281	16,101	15,875	15,747
General government industry	18,226	19,267	18,268	18,914	21,256	18,936	19,306
Ship and boat building	4,812	3,429	3,919	4,576	5,476	3,822	4,287
Computer systems design and related services	3,550	3,378	2,845	2,647	2,490	2,486	2,512
Telecommunications	2,921	2,850	2,395	2,141	1,911	1,921	1,934

**Indirect Defense Purchases Resulting from Direct Purchases**

Professional, scientific and technical services	9,026	8,696	7,162	6,461	6,013	5,916	5,951
Administrative and support services	5,377	5,241	4,514	4,152	3,886	3,796	3,796
Information and data processing	1,388	1,342	1,162	1,068	1,004	968	967
Computer systems design and related services	1,151	1,135	984	904	847	831	827
Management of companies and enterprises	904	904	782	714	669	658	652

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

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**48 Washington Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	15,482	15,648	14,198	13,817	14,014	13,231	13,321
Indirect Defense Purchases Resulting from Direct Purchases	7,276	7,195	6,220	5,692	5,300	5,159	5,097
Induced Defense Purchases Resulting from Direct Pay	3,627	3,796	3,544	3,653	4,073	4,572	4,622
Total Nondefense Expenditures	598,323	615,499	629,109	650,536	668,519	689,880	704,526
Total Output	625,178	642,537	653,371	673,945	692,135	712,995	727,716
General government industry	7,675	7,924	7,495	7,656	8,259	7,547	7,644

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

General government industry	7,675	7,924	7,495	7,656	8,259	7,547	7,644
Aerospace products and parts	1,133	1,277	1,227	1,165	1,132	1,212	1,224
Professional, scientific and technical services	982	978	901	854	802	755	726
New construction	605	672	545	498	429	395	370
Air transportation	467	446	387	351	315	317	320

**Indirect Defense Purchases Resulting from Direct Purchases**

Aerospace products and parts	551	601	565	540	526	508	499
Administrative and support services	477	465	400	368	344	336	336
Management of companies and enterprises	454	454	393	358	336	330	327
Wholesale trade	449	445	379	342	319	310	307
Real estate	449	439	381	351	329	322	321

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

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**49 West Virginia Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	1,338	1,352	1,188	1,118	1,097	929	930
Indirect Defense Purchases Resulting from Direct Purchases	1,490	1,456	1,229	1,098	996	963	941
Induced Defense Purchases Resulting from Direct Pay	310	326	304	313	349	392	396
Total Nondefense Expenditures	110,460	113,204	115,257	118,593	121,015	124,783	126,633
Total Output	113,620	116,357	117,993	121,135	123,470	127,075	128,909
General government industry	411	428	412	422	460	299	305

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

General government industry	411	428	412	422	460	299	305
Professional, scientific and technical services	150	152	136	127	120	117	114
New construction	120	132	107	98	84	78	73
Truck transportation	95	89	73	65	61	62	63
Maintenance and repair construction	69	68	51	43	37	36	36
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Iron and steel	92	88	73	63	58	53	51
Nonmetallic mineral mining	91	93	78	70	64	63	62
Nonferrous metals	84	81	66	54	46	42	40
Metal ore mining	82	75	59	47	38	32	29
Coal mining	82	79	67	59	53	51	51

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

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**50 Wisconsin Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	9,964	10,055	8,262	7,237	6,738	6,621	6,566
Indirect Defense Purchases Resulting from Direct Purchases	6,939	6,783	5,790	5,220	4,830	4,666	4,596
Induced Defense Purchases Resulting from Direct Pay	1,062	1,120	1,045	1,073	1,199	1,343	1,356
Total Nondefense Expenditures	467,752	481,953	492,878	508,901	522,408	538,640	549,642
Total Output	485,719	499,937	508,004	522,456	535,186	551,284	562,169
General government industry	705	726	699	711	759	474	482

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

Engine, turbine and power transmission equipment	3,292	3,477	3,232	3,144	3,084	3,334	3,355
Motor vehicles	2,053	2,085	1,258	712	466	442	362
General government industry	705	726	699	711	759	474	482
Truck transportation	543	512	419	372	350	356	360
Other transportation equipment	422	386	258	162	114	103	89
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Fabricated metal products	829	819	695	618	569	548	538
Management of companies and enterprises	587	587	508	463	434	427	423
Real estate	409	394	343	318	300	295	295
Wholesale trade	332	329	280	253	235	229	226
Paper	327	318	271	243	223	217	214

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

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**51 Wyoming Summary**(Millions of 2011 dollars)

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**2009****2010****2011****2012****2013****2014****2015**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	941	941	831	793	781	726	727
Indirect Defense Purchases Resulting from Direct Purchases	794	776	654	597	516	516	491
Induced Defense Purchases Resulting from Direct Pay	207	217	202	208	232	261	264
Total Nondefense Expenditures	56,006	57,042	58,695	61,507	61,451	64,668	64,332
Total Output	57,955	58,982	60,388	63,110	62,985	66,176	65,819
General government industry	440	448	424	429	450	399	402

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

General government industry	440	448	424	429	450	399	402
Rail transportation	71	67	55	48	45	46	46
New construction	71	78	63	57	49	46	43
Truck transportation	55	52	43	38	36	36	37
Maintenance and repair construction	41	41	31	26	22	22	21
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Crude oil extraction	169	166	138	133	95	107	90
Nonmetallic mineral mining	64	64	55	49	45	44	43
Metal ore mining	57	52	41	33	26	22	20
Coal mining	57	55	46	41	37	36	35
Rail transportation	55	53	44	39	36	35	35

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

## 52 Entire United States Summary

(Millions of 2011 dollars)

	2009	2010	2011	2012	2013	2014	2015
<b>AGGREGATE MEASURES</b>							
Total Direct Expenditures (Purchases and Pay)	677,370	680,029	603,209	572,596	565,274	534,824	536,689
Indirect Defense Purchases Resulting from Direct Purchases	394,089	387,156	332,254	302,358	279,906	272,808	268,881
Induced Defense Purchases Resulting from Direct Pay	112,774	118,264	110,409	113,701	126,784	142,212	143,692
Total Nondefense Expenditures	27,690,322	28,430,324	29,045,554	30,005,157	30,703,014	31,673,219	32,234,126
Total Output	28,874,554	29,615,772	30,091,425	30,993,812	31,674,978	32,623,064	33,183,388
General government industry	181,700	188,659	178,854	183,240	199,543	175,526	178,134
<b>LARGEST PURCHASES BY INDUSTRIAL SECTORS</b>							
<b>Total Direct Expenditures (Purchases and Pay)</b>							
General government industry	181,700	188,659	178,854	183,240	199,543	175,526	178,134
Professional, scientific and technical services	108,542	109,718	97,413	91,208	85,993	83,825	82,181
Aerospace products and parts	52,095	57,020	54,183	51,123	49,100	51,047	51,134
New construction	24,523	26,545	21,495	19,496	16,785	15,603	14,750
Offices of physicians, dentists, and other health practioners	19,505	17,776	17,729	17,933	17,948	17,403	17,632
<b>Indirect Defense Purchases Resulting from Direct Purchases</b>							
Professional, scientific and technical services	42,568	42,229	36,842	34,103	32,112	31,239	31,060
Management of companies and enterprises	27,689	27,695	23,954	21,855	20,489	20,137	19,953
Administrative and support services	24,641	24,260	21,145	19,553	18,454	18,017	17,949
Wholesale trade	19,424	19,250	16,378	14,794	13,781	13,416	13,261
Real estate	17,596	17,210	14,922	13,752	12,894	12,645	12,580

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*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*

Ind #	National	NAICS Classification	Sec #	State Level
	Industry Title	Classification Code(s)		Industrial Sector Title
	1 Oilseed farming	111111-2	1	Crop Production
	2 Grain farming	11113-6, 11119	1	
	3 Vegetable and melon farming	1112	1	
	4 Fruit and nut farming	11131-2,111331-6, 111339	1	
	5 Greenhouse, nursery, and floriculture production	1114	1	
	6 Tobacco farming	11191	1	
	7 Cotton farming	11192	1	
	8 Sugarcane and sugar beet farming	11193, 111991	1	
	9 All other crop farming	11194, 111992, 111998	1	
	10 Cattle ranching and dairy farming	11211, 11212, 11213	2	Animal Production
	11 Poultry and egg production	1123	2	
	12 Animal production, except cattle and poultry and eggs	1122, 1124-5, 1129	2	
	13 Forestry and logging	1131-3	3	Forestry, fishing and agriculture support activities
	14 Fishing, hunting and trapping	1141-2	3	
	15 Support activities for agriculture and forestry	115	3	
	16 Crude oil extraction	211pt	4	Crude oil extraction
	17 Natural gas extraction	211pt	5	Natural gas extraction
	18 Coal mining	2121	6	Coal Mining
	19 Iron ore mining	21221	7	Metal Ore Mining
	20 Copper, nickel, lead, and zinc mining	21223	7	
	21 Gold, silver, and other metal ore mining	21222, 21229	7	
	22 Stone mining and quarrying	21231	8	Nonmetallic mineral mining
	23 Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying	21232	8	
	24 Other nonmetallic mineral mining and quarrying	21239	8	
	25 Drilling oil and gas wells	213111	9	Support activities for mining
	26 Support activities for oil and gas operations	213112	9	
	27 Support activities for other mining	213113-5	9	
	28 Electric power generation, transmission, and distribution	2211	10	Electric utilities
	29 Natural gas distribution	2212	11	Natural gas distribution
	30 Water, sewage and other systems	2213	12	Water, sewage and other systems
	31 New residential construction	23*	13	New construction
	32 New non-residential building construction	23*	13	
	33 Highway, street, bridge, tunnel, water, sewer, pipeline and other construction	23*	13	
	34 Maintenance and repair of residential structures	23*	14	Maintenance and repair construction
	35 Maintenance and repair of nonresidential buildings, infrastructure and other	23*	14	
	36 Dog and cat food	311111	16	Other foods
	37 Other animal food	311119	16	
	38 Flour milling and malt	31121	16	
	39 Wet corn milling	311221	16	
	40 Soybean and other oilseed processing	311222-3	16	
	41 Fats and oils refining and blending	311225	16	
	42 Breakfast cereals	311230	16	
	43 Sugar manufacturing	311311-3	16	
	44 Chocolate	31132, 31133	16	
	45 Nonchocolate confectionery	31134	16	
	46 Frozen food manufacturing	31141	16	
	47 Fruit and vegetable canning, pickling, and drying	31142	16	
	48 Fluid milk and butter	311511-2	15	Dairy products, meat and seafood
	49 Cheese	311513	15	
	50 Dry, condensed, and evaporated dairy product manufacturing	311514	15	
	51 Ice cream and frozen desserts	311520	15	

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

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
52	Animal (except poultry) slaughtering, rendering, and processing	311611-3	15	
53	Poultry processing	311615	15	
54	Seafood product preparation and packaging	3117	15	
55	Bread and bakery products	31181	16	Other foods
56	Cookies, crackers and tortillas	31182, 31183	16	
57	Snack foods	31191	16	
58	Coffee and tea	31192	16	
59	Flavoring syrup and concentrate	31193	16	
60	Seasonings and dressings	31194	16	
61	All other food	31199	16	
62	Soft drinks and ice	31211	17	Beverages
63	Breweries	31212	17	
64	Wineries	31213	17	
65	Distilleries	31214	17	
66	Tobacco product manufacturing	3122	18	Tobacco
67	Fiber, yarn, and thread mills	3131	19	Textiles and textile products
68	Fabric mills	3132	19	
69	Textile and fabric finishing mills	3133	19	
70	Carpet and rug mills	31411	19	
71	Curtain and linen mills	31412	19	
72	Other textile products	31491, 31499	19	
73	Apparel knitting mills	31511, 31519	20	Apparel
74	Cut and sew apparel	3152	20	
75	Apparel accessories and other apparel	3159	20	
76	Footwear and other leather products	3161	21	Leather products
77	Sawmills and wood preservation	3211	22	Wood products
78	Veneer, plywood, particleboard, and engineered wood products	3212	22	
79	Wood windows and doors and millwork	32191	22	
80	Wood containers and pallets	32192	22	
81	Manufactured homes (mobile homes)	321991	22	
82	Prefabricated wood buildings	321992	22	
83	All other miscellaneous wood products	321999	22	
84	Pulp mills	32211	23	Paper
85	Paper and paperboard mills	32212, 32213	23	
86	Paperboard container manufacturing	32221	23	
87	Coated and laminated paper, packaging paper and plastics film	322221-2	23	
88	All other paper bag and coated and treated paper manufacturing	322223-6	23	
89	Stationery product manufacturing	32223	23	
90	Sanitary paper product manufacturing	322291	23	
91	All other converted paper products	322299	23	
92	Printing	32311□	24	Printing
93	Support activities for printing	32312	24	
94	Petroleum refineries	32411	25	Petroleum and coal products
95	Asphalt products	324121, 324122	25	
96	Lubricating and other petroleum products	324191, 324199	25	
97	Petrochemicals	32511	28	Other chemicals
98	Industrial gases	32512	28	
99	Synthetic dyes and pigments	32513	28	
100	Other basic inorganic chemicals	32518	28	
101	Other basic organic chemicals	32519	28	
102	Plastics materials and resins	325211	26	Resin, synthetic rubber and fibers
103	Synthetic rubber	325212	26	

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

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
104	Artificial and synthetic fibers and filaments	32522	26	
105	Fertilizers	325311-4	28	Other chemicals
106	Pesticides and other agricultural chemicals	325320	28	
107	Pharmaceuticals and medicines	325411-4	27	Pharmaceuticals
108	Paints and coatings	32551	28	Other chemicals
109	Adhesives	32552	28	
110	Soaps and cleaning compounds	32561	28	
111	Toilet preparations	32562	28	
112	Printing ink	32591	28	
113	All other chemical products and preparations	32592, 32599	28	
114	Plastics packaging materials and unlaminated film and sheet	32611	29	Plastic products
115	Plastics pipe, fittings, and profile shapes	32612	29	
116	Laminated plastics plate, sheet (except packaging), and shapes	32613	29	
117	Plastic foam products	32614, 32615	29	
118	Plastic bottles	32616	29	
119	Other plastics products	32619	29	
120	Tires	32621	30	Rubber products
121	Rubber and plastics hoses and beltings	32622	30	
122	Other rubber products	32629	30	
123	Pottery, ceramics, and plumbing fixtures	32711	31	Nonmetallic mineral products
124	Clay building materials and refractories	327122,4,5	31	
125	Glass and glass products, exc containers	327211-2, 327215	31	
126	Glass containers	327213	31	
127	Cement	32731	31	
128	Ready-mix concrete	32732	31	
129	Concrete pipe, brick, and blocks	32733	31	
130	Other concrete products	32739	31	
131	Lime and gypsum products	3274	31	
132	Abrasive products	32791	31	
133	Cut stone and stone products	327991	31	
134	Other non-metallic mineral products	327992,3,9	31	
135	Primary ferrous metal products	3311, 3312	32	Iron and steel
136	Primary aluminum production	331311,2,4	33	Nonferrous metals
137	Aluminum product manufacturing from purchased aluminum	331315, 331316, 331319	33	
138	Primary smelting and refining of copper	331411	33	
139	Primary smelting and refining of nonferrous metal (except copper and aluminum)	331419	33	
140	Copper rolling, drawing, extruding and alloying	33142	33	
141	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding and alloying	33149	33	
142	Ferrous metal foundries	33151	32	Iron and steel
143	Nonferrous metal foundries	33152	33	Nonferrous metals
144	Forging and stamping	33211	34	Fabricated metal products
145	Cutlery, utensils, pots, and pans	332211, 332214	34	
146	Handtools	332212-3	34	
147	Plate work and fabricated structural products	33231	34	
148	Ornamental and architectural metal products	33232	34	
149	Power boilers and heat exchangers	33241	34	
150	Metal tanks (heavy gauge)	33242	34	
151	Metal cans, boxes, and other metal containers (light gauge)	33243	34	
152	Ammunition	332992-3	34	
153	Arms, ordnance, and accessories	332994-5	34	
154	Hardware manufacturing	3325	34	
155	Springs and wire products	3326	34	

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

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
156	Machine shops	33271	34	
157	Turned products and screws, nuts, and bolts	33272	34	
158	Coating, engraving, heat treating and allied activities	3328	34	
159	Metal valves	33291-3, 332919	34	
160	Ball and roller bearings	332991	34	
161	Fabricated pipe and pipe fittings	332996	34	
162	Other fabricated metal products	332997-9	34	
163	Farm machinery and equipment	333111	35	Agriculture, construction and mining machinery
164	Lawn and garden equipment	333112	35	
165	Construction machinery	33312	35	
166	Mining and oil and gas field machinery	33313	35	
167	Other industrial machinery	33321, 333291-4, 333298	36	Industrial machinery
168	Plastics and rubber industry machinery	33322	36	
169	Semiconductor machinery manufacturing	333295	36	
170	Vending, commercial, industrial, and office machinery	333311-3	37	Commercial and service industry machinery
171	Optical instruments and lenses	333314	37	
172	Photographic and photocopying equipment	333315	37	
173	Other commercial and service industry machinery	333319	38	Ventilation, heating, air-conditioning and ventilation equipment
174	Air purification and ventilation equipment	333411-2	38	
175	Heating equipment (except warm air furnaces)	333414	38	
176	Air conditioning, refrigeration, and warm air heating equipment	333415	38	
177	Industrial molds	333511	39	Metalworking machinery
178	Metal cutting and forming machine tools	333512-3	39	
179	Special tools, dies, jigs, and fixtures	333514	39	
180	Cutting tool and machine tool accessories	333515	39	
181	Rolling mill and other metalworking machinery	333516, 333518	39	
182	Turbine and turbine generator set units	333611	40	Engine, turbine and power transmission equipment
183	Speed changers and mechanical power transmission equipment	333612, 333613	40	
184	Other engine equipment	333618	40	
185	Pump and pumping equipment	333911, 333913	41	Other general purpose machinery
186	Air and gas compressors	333912	41	
187	Material handling equipment	333921-4	41	
188	Power-driven handtool manufacturing	333991	41	
189	Other general purpose machinery	333992, 333997, 333999	41	
190	Packaging machinery	333993	41	
191	Industrial process furnaces and ovens	333994	41	
192	Fluid power process machinery	333995-6	41	
193	Computers	334111	42	Computers and peripheral equipment
194	Computer storage devices	334112	42	
195	Computer terminals and other computer peripherals	334113, 334119	42	
196	Telephone apparatus	33421	43	Communications and audio-video equipment
197	Broadcast and wireless communications equipment	33422	43	
198	Other communications equipment	33429	43	
199	Audio and video equipment	3343	43	
200	Semiconductors and electron tubes	334411, 334413	44	Semiconductors and other electronic components
201	All other electronic components	334414,2,4-6,7-9	44	
202	Electromedical and electrotherapeutic apparatus	334510	45	Electromedical and electrotherapeutic apparatusw
203	Search, detection, and navigation instruments	334511	46	Search, detection and navigation equipment
204	Automatic environmental controls	334512	47	Measuring and control instruments
205	Industrial process variable instruments	334513	47	
206	Totalizing fluid meters and counting devices	334514	47	
207	Electricity and signal testing instruments	334515	47	

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

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
	208 Analytical laboratory instruments	334516	47	
	209 Irradiation apparatus manufacturing	334517	45	Electromedical and electrotherapeutic apparatusw
	210 Watch, clock, and other measuring and controlling devices	334518-9	47	Measuring and control instruments
	211 Software, audio, and video media reproducing	334611-2	48	Magnetic and optical media
	212 Magnetic and optical recording media	334613	48	
	213 Electric lamp bulbs and parts	33511	51	Other electrical equipment and components
	214 Lighting fixtures	33512	51	
	215 Small electrical appliances	33521	49	Household appliances
	216 Household cooking appliances	335221	49	
	217 Household refrigerators and home freezers	335222	49	
	218 Household laundry equipment	335224	49	
	219 Other major household appliances	335228	49	
	220 Power, distribution, and specialty transformers	335311	50	Electrical equipment
	221 Motors and generators	335312	50	
	222 Switchgear and switchboard apparatus	335313	50	
	223 Relays and industrial controls	335314	50	
	224 Storage batteries	335911	51	Other electrical equipment and components
	225 Primary battery manufacturing	335912	51	
	226 Communication and energy wires and cables	33592	51	
	227 Wiring devices	33593	51	
	228 Carbon and graphite and miscellaneous electrical equipment	335991, 335999	51	
	229 Automobiles	336111-2	52	Motor vehicles
	230 Heavy duty trucks	336120	52	
	231 Motor vehicle bodies	336211	52	
	232 Truck trailer manufacturing	336212	52	
	233 Motor homes, trailers and campers	336213, 336214	52	
	234 Motor vehicle parts	3363	53	Motor vehicle parts
	235 Aircraft	336411	54	Aerospace products and parts
	236 Aircraft engines and engine parts	336412	54	
	237 Other aircraft parts and auxiliary equipment	336413	54	
	238 Guided missiles and space vehicles	336414	54	
	239 Propulsion units and parts for space vehicles and guided missiles	336415, 336419	54	
	240 Railroad rolling stock	3365	56	Other transportation equipment
	241 Ship building and repairing	336611	55	Ship and boat building
	242 Boat building	336612	55	
	243 Motorcycles, bicycles, and parts	336991	56	Other transportation equipment
	244 Military armored vehicles, tanks, and tank components	336992	56	
	245 All other transportation equipment	336999	56	
	246 Wood kitchen cabinet and countertops	33711	57	Furniture
	247 Household and institutional furniture	33712	57	
	248 Office furniture (including fixtures)	33721	57	
	249 Mattresses, blinds and shades	33791, 33792	57	
	250 Laboratory apparatus and furniture	339111	58	Medical equipment and supplies, dental labs
	251 Surgical and medical instruments	339112	58	
	252 Surgical appliances and supplies	339113	58	
	253 Dental equipment and supplies	339114	58	
	254 Ophthalmic goods	339115	59	Ophthalmic goods
	255 Dental laboratories	339116	58	Medical equipment and supplies, dental labs
	256 Jewelry and silverware	33991	60	Miscellaneous manufacturing
	257 Sporting and athletic goods	33992	60	
	258 Dolls, toys, and games	33993	60	
	259 Office supplies (except paper)	33994	60	

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

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
260	Sign manufacturing	33995	60	
261	Gasket, packing, and sealing devices	339991	60	
262	Musical instruments	339992	60	
263	All other miscellaneous manufacturing	339993, 339995, 339999	60	
264	Broom, brush, and mop manufacturing	339994	60	
265	Wholesale trade	42	61	Wholesale trade
266	Retail trade	44, 45	62	Retail trade
267	Air transportation	481	63	Air transportation
268	Rail transportation	482	64	Rail transportation
269	Water transportation	483	65	Water transportation
270	Truck transportation	484	66	Truck transportation
271	Transit and ground passenger transportation	485	67	Transit and ground passenger transportation
272	Pipeline transportation	486	68	Pipeline transportation
273	Scenic and sightseeing transportation and support activities for transportation	487, 488	69	Transportation support, sightseeing, couriers
274	Couriers and messengers	492	69	
275	Warehousing and storage	493	70	Warehousing and storage
276	Newspaper publishers	51111	71	Publishing, except software
277	Periodical publishers	51112	72	Software
278	Book publishers	51113	71	Publishing, except software
279	Directory, mailing list, and other publishers	51114, 51119	71	
280	Software publishers	51121	71	
281	Motion picture and video industries	5121	73	Motion picture and sound recording
282	Sound recording industries	5122	73	
283	Radio and television broadcasting	5151	74	
284	Cable and internet	5152, 516	74	
285	Telecommunications	517	75	
286	Data processing, hosting and internet service providers	5181, 5182	76	
287	Other information services	519	76	
288	Monetary authorities and depository credit intermediation	521, 5221	77	Banks, credit cards and finance
289	Nondepository credit intermediation and related activities	5222-3	77	
290	Securities, commodity contracts, investments, and related activities	523	78	Securities, investments, funds and trusts
291	Insurance carriers	5241	79	Insurance
292	Insurance agencies, brokerages, and related activities	5242	79	
293	Funds, trusts, and other financial vehicles	525	78	Securities, investments, funds and trusts
294	Real estate	531	80	Real estate
295	Owner-occupied dwellings	S00800	81	Owner-occupied dwellings
296	Automotive equipment rental and leasing	5321	82	Rental and leasing of goods
297	General and consumer goods rental except video tapes and discs	53221-2, 53229, 5323	82	
298	Video tape and disc rental	53223	82	
299	Commercial and industrial machinery and equipment rental and leasing	5324	82	
300	Lessors of nonfinancial intangible assets	533	83	Royalties
301	Legal services	5411	84	Legal services
302	Accounting, tax preparation, bookkeeping, and payroll services	5412	85	Professional, scientific and technical services
303	Architectural, engineering, and related services	5413	85	
304	Specialized design services	5414	85	
305	Custom computer programming services	541511	86	Computer systems design and related services
306	Computer systems design services	541512	86	
307	Other computer related services, including facilities management	541513, 541519	86	
308	Management, scientific, and technical consulting services	54161	85	Professional, scientific and technical services
309	Environmental and other technical consulting services	54162, 54169	85	
310	Scientific research and development services	5417	85	
311	Advertising and related services	5418	85	

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

Ind #	Industry Title	Classification Code(s)	Sec #	Industrial Sector Title
	312 All other miscellaneous professional, scientific, and technical services	54191, 54193, 54199	85	
	313 Photographic services	54192	85	
	314 Veterinary services	54194	85	
	315 Management of companies and enterprises	55	87	Management of companies and enterprises
	316 Office administrative services	5611	88	Administrative and support services
	317 Facilities support services	5612	88	
	318 Business support services	5614	88	
	319 Investigation and security services	5616	88	
	320 Services to buildings and dwellings	5617	88	
	321 Other support services	5619	88	
	322 Employment services	5613	88	
	323 Travel arrangement and reservation services	5615	88	
	324 Waste management and remediation services	562	89	Waste management and remediation
	325 Elementary and secondary schools	6111	90	Educational services
	326 Junior colleges, colleges, universities, and professional schools	6112-3	90	
	327 Other educational services	6114-7	90	
	328 Offices of physicians, dentists, and other health practitioners	6211-3	92	Offices of physicians, dentists, and other health practitioners
	329 Medical and diagnostic labs and outpatient and other ambulatory care services	6214-5, 6219	93	Other ambulatory health care services
	330 Home health care services	6216	91	Home health care services
	331 Hospitals	622	94	Hospitals
	332 Nursing and residential care facilities	623	95	Nursing and residential care facilities
	333 Social assistance, except child day care services	6241-3	96	Child care and social assistance
	334 Child day care services	6244	96	
	335 Performing arts	'7111,7113,7114,7115,	97	Performing arts, spectator sports and museums
	336 Museums, historical sites, zoos, and parks	712	97	
	337 Spectator sports	7112	97	
	338 Amusements, gambling, & recreation activities	7131-2, 71391-3, 71394, 71395, 71399	98	Amusements, gambling and recreation
	339 Hotels and other accommodations	72111-2, 72119, 7212-3	99	Accommodation
	340 Food services and drinking places	722	100	Food services and drinking places
	341 Automotive repair, maintenance and car washes	8111	101	Automotive repair and maintenance
	342 Electronic and precision equipment repair and maintenance	8112	102	Other repair and maintenance, personal services
	343 Commercial and industrial machinery and equipment repair and maintenance	8113	102	
	344 Personal and household goods repair and maintenance	8114	102	
	345 Personal care services	8121	102	
	346 Death care services	8122	102	
	347 Dry-cleaning and laundry services	8123	102	
	348 Other personal services	8129	102	
	349 Religious, grantmaking, civic & professional organizations	813	103	Religious, grantmaking and other organizations
	350 Private households	814	104	Private households
	351 Postal service	491	105	Postal service and federal government enterprises
	352 Other federal government enterprises	S00102	105	
	353 Other state and local government enterprises	S00203	106	State and local government enterprises
	354 General Federal defense government services	S00500	107	General government industry
	355 General Federal nondefense government services	S00600	107	
	356 General state and local government services	S00700	107	
	357 Noncomparable imports	S00300	108	Noncomparable imports
	358 Scrap	S00401	109	Scrap, used and secondhand
	359 Used and secondhand goods	S00402	109	
	360 Rest of the world adjustment	S00900	110	Rest of the world adjustment to final uses

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

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### 1 Oilseed farming

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	4	3	3	3	2	2
Indirect Purchases	116	110	103	101	98	96	96
Total:	120	113	107	104	101	98	98

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### 2 Grain farming

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	383	367	338	324	311	302	300
Total:	383	367	338	324	311	302	300

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### 3 Vegetable and melon farming

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	254	237	234	233	235	227	230
Indirect Purchases	45	43	40	38	37	36	36
Total:	299	280	273	271	272	263	267

Note: Numbers may not add due to rounding

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#### 4 Fruit and nut farming

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	12	12	12	11	11	10	10
Indirect Purchases	43	41	38	36	35	34	34
Total:	55	53	49	47	45	44	44

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

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	2	2	2	2
Indirect Purchases	38	36	30	27	25	25	25
Total:	41	39	33	30	27	27	27

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#### 6 Tobacco farming

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	2	2	2	2	2	2	2
Total:	2	2	2	2	2	2	2

Note: Numbers may not add due to rounding

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**7 Cotton farming**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	26	25	20	18	17	17	16
Total:	26	25	20	18	17	17	16

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**8 Sugarcane and sugar beet farming**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	18	17	16	16	15	15	15
Total:	18	17	16	16	15	15	15

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**9 All other crop farming**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	0	0
Indirect Purchases	355	344	309	292	277	268	266
Total:	357	346	309	293	277	268	266

Note: Numbers may not add due to rounding

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**10 Cattle ranching and dairy farming**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	2	2	2	2	2	2
Indirect Purchases	870	812	786	780	771	748	754
Total:	872	815	789	782	773	751	756

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**11 Poultry and egg production**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	89	82	84	86	87	84	85
Indirect Purchases	118	112	103	99	96	93	94
Total:	207	194	187	185	182	177	179

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**12 Animal production, except cattle and poultry and eggs**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	11	10	8	7	7	6	6
Indirect Purchases	286	271	256	250	245	237	238
Total:	297	281	264	257	251	244	244

Note: Numbers may not add due to rounding

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### 13 Forestry and logging

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	1	1	1	1	1
Indirect Purchases	1,494	1,456	1,158	1,002	877	834	807
Total:	1,496	1,458	1,159	1,003	877	835	807

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### 14 Fishing, hunting and trapping

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	4	3	3	3	3	3
Indirect Purchases	119	115	101	94	89	88	88
Total:	123	118	104	97	92	90	90

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### 15 Support activities for agriculture and forestry

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	65	62	51	44	38	38	38
Indirect Purchases	268	259	226	209	194	187	184
Total:	333	321	276	252	232	224	222

Note: Numbers may not add due to rounding

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**16 Crude oil extraction**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	66	73	41	20	14	14	15
Indirect Purchases	10,783	10,648	8,704	7,659	6,737	6,727	6,559
Total:	10,849	10,721	8,745	7,680	6,751	6,741	6,574

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**18 Coal mining**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	6	5	4	3	4	4
Indirect Purchases	882	855	718	635	571	555	547
Total:	889	861	723	640	574	559	551

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**19 Iron ore mining**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	214	203	169	146	132	120	115
Total:	214	203	169	146	132	120	115

Note: Numbers may not add due to rounding

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**20 Copper, nickel, lead, and zinc mining**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	456	409	318	243	186	149	128
Total:	456	409	318	243	186	149	128

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**21 Gold, silver, and other metal ore mining**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	4	3	3	3	3	3
Indirect Purchases	224	204	160	124	98	82	83
Total:	228	208	164	127	101	85	86

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**22 Stone mining and quarrying**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	9	7	8	7	6	6
Indirect Purchases	527	521	415	364	321	313	307
Total:	535	529	422	372	328	319	313

Note: Numbers may not add due to rounding

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**23 Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	3	3	2	2	2
Indirect Purchases	395	414	377	350	331	333	329
Total:	398	418	380	353	333	335	331

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**24 Other nonmetallic mineral mining and quarrying**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	1	1	1	1
Indirect Purchases	72	71	59	53	47	46	45
Total:	75	74	61	54	49	48	46

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**25 Drilling oil and gas wells**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0

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*Note: Numbers may not add due to rounding*

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## 26 Support activities for oil and gas operations

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	1	0
Indirect Purchases	100	98	81	77	57	63	54
Total:	101	99	82	78	57	63	55

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## 27 Support activities for other mining

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	4	2	2	1	1	1
Indirect Purchases	100	98	83	74	66	64	62
Total:	105	102	86	76	68	65	63

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## 28 Electric power generation, transmission, and distribution

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6,739	6,483	5,365	4,659	4,045	4,030	4,038
Indirect Purchases	5,960	5,853	5,032	4,566	4,241	4,135	4,088
Total:	12,699	12,336	10,396	9,225	8,286	8,165	8,125

Note: Numbers may not add due to rounding

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**29 Natural gas distribution**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,066	1,020	846	733	629	630	633
Indirect Purchases	2,122	2,084	1,755	1,566	1,431	1,396	1,368
Total:	3,188	3,105	2,600	2,298	2,059	2,026	2,001

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**30 Water, sewage and other systems**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,312	1,264	1,022	875	753	751	754
Indirect Purchases	509	494	420	380	352	343	340
Total:	1,821	1,758	1,442	1,255	1,105	1,094	1,094

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**31 New residential construction**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	404	496	440	511	452	396	356
Indirect Purchases	40	39	33	30	27	27	27
Total:	444	534	473	540	479	423	383

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*Note: Numbers may not add due to rounding*

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**32 New non-residential building construction**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	20,632	22,319	18,117	15,970	13,692	12,820	12,214
Indirect Purchases	8	4	10	12	11	11	11
Total:	20,640	22,323	18,127	15,982	13,703	12,831	12,225

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**33 Highway, street, bridge, tunnel, water, sewer, pipeline and other construction**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,487	3,730	2,938	3,015	2,642	2,386	2,180
Indirect Purchases	1	1	2	2	2	2	2
Total:	3,488	3,731	2,940	3,018	2,644	2,388	2,182

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**34 Maintenance and repair of residential structures**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	525	482	345	281	235	235	237
Indirect Purchases	190	184	158	144	133	130	130
Total:	715	666	503	425	367	365	367

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*Note: Numbers may not add due to rounding*

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**35 Maintenance and repair of nonresidential buildings, infrastructure and other**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	17,467	17,044	12,924	10,758	9,244	9,099	9,030
Indirect Purchases	4,950	4,876	4,245	3,917	3,595	3,538	3,469
Total:	22,417	21,920	17,169	14,675	12,839	12,637	12,499

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**36 Dog and cat food**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	2	3	3	3	3	3
Indirect Purchases	1	1	1	1	0	0	0
Total:	3	3	3	3	3	3	3

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**37 Other animal food**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	16	15	15	16	16	15	15
Indirect Purchases	209	199	187	182	178	173	173
Total:	226	214	202	198	193	188	188

Note: Numbers may not add due to rounding

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**38 Flour milling and malt**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	30	27	28	29	29	28	28
Indirect Purchases	35	33	31	30	29	28	28
Total:	65	61	59	58	58	56	57

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**39 Wet corn milling**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	95	91	81	75	71	70	69
Total:	95	91	81	75	71	70	70

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**40 Soybean and other oilseed processing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	73	66	68	70	70	68	69
Indirect Purchases	134	128	117	111	107	105	105
Total:	206	194	185	181	178	173	174

Note: Numbers may not add due to rounding

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**41 Fats and oils refining and blending**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	1	1	1	1	1	1
Indirect Purchases	57	55	49	46	44	43	42
Total:	58	56	51	47	45	44	44

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**42 Breakfast cereals**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	4	4	3	3	3	3	3
Total:	4	4	4	3	3	3	3

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**43 Sugar manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9	8	8	8	8	8	8
Indirect Purchases	29	28	26	25	25	24	24
Total:	38	36	34	34	33	32	32

Note: Numbers may not add due to rounding

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### 44 Chocolate

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	46	42	43	44	45	43	44
Indirect Purchases	19	18	16	15	15	15	15
Total:	65	60	59	60	59	58	58

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### 45 Nonchocolate confectionery

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	13	13	11	10	9	9	9
Total:	16	15	13	12	12	11	11

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### 46 Frozen food manufacturing

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	50	46	47	48	49	47	48
Indirect Purchases	53	51	45	42	39	38	38
Total:	103	97	92	90	88	86	86

Note: Numbers may not add due to rounding

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**47 Fruit and vegetable canning, pickling, and drying**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	40	42	34	29	29	27	28
Indirect Purchases	99	95	83	77	72	71	70
Total:	139	137	117	105	101	98	98

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**48 Fluid milk and butter**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	177	162	166	170	171	166	168
Indirect Purchases	76	73	66	63	60	58	58
Total:	254	235	232	232	231	224	226

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**49 Cheese**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7	7	7	7	7	7	7
Indirect Purchases	142	137	119	110	103	101	101
Total:	149	143	126	117	110	108	108

Note: Numbers may not add due to rounding

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**50 Dry, condensed, and evaporated dairy product manufacturing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	44	42	37	35	33	32	32
Total:	44	42	37	35	33	32	32

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**51 Ice cream and frozen desserts**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	34	31	32	32	33	32	32
Indirect Purchases	65	63	55	51	47	47	46
Total:	99	94	86	83	80	78	79

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**52 Animal (except poultry) slaughtering, rendering, and processing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	766	698	716	735	742	718	728
Indirect Purchases	487	462	426	410	397	388	389
Total:	1,252	1,160	1,142	1,144	1,139	1,106	1,117

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*Note: Numbers may not add due to rounding*

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**53 Poultry processing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	23	21	22	22	23	22	22
Indirect Purchases	142	136	120	112	106	104	104
Total:	165	157	142	135	129	126	127

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**54 Seafood product preparation and packaging**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	34	31	31	32	33	32	32
Indirect Purchases	103	99	86	79	74	73	73
Total:	136	130	117	112	107	105	105

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**55 Bread and bakery products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	105	96	97	98	99	96	97
Indirect Purchases	85	82	71	65	61	59	59
Total:	189	178	167	163	160	155	157

Note: Numbers may not add due to rounding

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**56 Cookies, crackers and tortillas**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	21	20	20	20	21	20	20
Indirect Purchases	28	27	24	22	21	20	20
Total:	50	47	44	42	41	40	40

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**57 Snack foods**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	168	153	157	161	163	158	160
Indirect Purchases	42	41	35	33	31	30	30
Total:	210	194	193	194	194	188	190

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**58 Coffee and tea**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	7	7	7	7	7	7
Indirect Purchases	26	26	22	20	19	19	19
Total:	34	33	29	28	26	26	26

Note: Numbers may not add due to rounding

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**59 Flavoring syrup and concentrate**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	3	3	3	3	3	3
Indirect Purchases	292	278	254	243	235	228	229
Total:	295	281	257	246	238	232	232

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**60 Seasonings and dressings**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	51	46	47	49	49	47	48
Indirect Purchases	66	63	56	52	49	48	48
Total:	116	109	103	101	99	96	97

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**61 All other food**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	42	42	35	30	30	29	29
Indirect Purchases	69	68	60	55	52	51	51
Total:	111	110	94	86	82	80	80

Note: Numbers may not add due to rounding

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**62 Soft drinks and ice**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	290	263	256	257	257	249	252
Indirect Purchases	82	80	69	64	59	59	58
Total:	372	343	325	320	316	307	310

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**63 Breweries**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	17	17	15	13	12	12	12
Total:	18	17	15	14	13	12	12

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**64 Wineries**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	34	33	28	26	24	24	24
Total:	34	33	28	26	24	24	24

Note: Numbers may not add due to rounding

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**65 Distilleries**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	60	58	51	47	43	43	43
Total:	60	58	51	47	43	43	43

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**66 Tobacco product manufacturing**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	70	64	66	68	68	66	67
Indirect Purchases	2	2	2	2	2	2	2
Total:	73	66	68	70	70	68	69

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**67 Fiber, yarn, and thread mills**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	0	0	0	0	0
Indirect Purchases	236	229	186	167	157	156	153
Total:	237	230	187	167	157	156	154

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*Note: Numbers may not add due to rounding*

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**68 Fabric mills**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	14	14	11	11	10	9	8
Indirect Purchases	678	663	546	490	462	463	458
Total:	692	678	557	501	472	472	466

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**69 Textile and fabric finishing mills**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	37	40	26	23	20	18	17
Indirect Purchases	601	581	472	422	398	394	389
Total:	638	621	498	445	418	412	406

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**70 Carpet and rug mills**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	7	6	6	5	5	4
Indirect Purchases	140	150	134	122	113	117	115
Total:	145	157	140	128	118	121	120

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*Note: Numbers may not add due to rounding*

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**71 Curtain and linen mills**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	5	4	4	3	3	3
Indirect Purchases	20	19	17	15	14	14	14
Total:	25	24	21	19	17	17	17

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**72 Other textile products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	538	523	345	263	224	221	220
Indirect Purchases	506	502	430	392	372	371	371
Total:	1,044	1,024	775	655	597	592	591

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**73 Apparel knitting mills**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	43	42	38	37	38	38	37
Indirect Purchases	27	27	22	20	20	19	19
Total:	70	69	61	58	57	57	56

Note: Numbers may not add due to rounding

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**74 Cut and sew apparel**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,386	1,377	1,212	1,154	1,149	1,154	1,156
Indirect Purchases	346	334	281	256	241	239	238
Total:	1,732	1,711	1,494	1,410	1,390	1,393	1,394

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**75 Apparel accessories and other apparel**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,184	3,019	2,406	2,167	2,075	2,067	2,054
Indirect Purchases	201	191	155	141	136	135	135
Total:	3,385	3,210	2,561	2,308	2,211	2,202	2,189

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**76 Footwear and other leather products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	254	254	219	204	202	202	201
Indirect Purchases	172	165	132	115	106	105	104
Total:	426	419	351	319	308	307	306

Note: Numbers may not add due to rounding

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**77 Sawmills and wood preservation**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	1	0
Indirect Purchases	1,215	1,202	969	846	754	723	707
Total:	1,215	1,202	970	846	754	723	708

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

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28	38	20	7	4	2	3
Indirect Purchases	582	588	479	427	380	368	358
Total:	610	627	500	434	384	370	361

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**79 Wood windows and doors and millwork**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	2	1	1	1
Indirect Purchases	564	568	464	415	371	355	347
Total:	567	571	466	417	373	356	348

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*Note: Numbers may not add due to rounding*

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**80 Wood containers and pallets**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	62	60	51	44	36	37	38
Indirect Purchases	152	146	118	104	94	92	92
Total:	215	206	169	148	130	129	130

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**81 Manufactured homes (mobile homes)**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	6	5	5	4	4	4
Indirect Purchases	6	6	5	4	4	4	4
Total:	12	12	9	9	8	7	7

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**82 Prefabricated wood buildings**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	9	8	8	7	7	6
Indirect Purchases	82	85	68	61	53	51	49
Total:	91	94	77	69	61	58	55

Note: Numbers may not add due to rounding

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**83 All other miscellaneous wood products**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	12	14	12	9	8	8	8
Indirect Purchases	219	216	184	167	154	151	149
Total:	231	230	197	176	162	159	157

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**84 Pulp mills**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	143	139	119	107	98	96	94
Total:	143	139	119	107	98	96	94

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**85 Paper and paperboard mills**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	76	70	70	71	71	69	70
Indirect Purchases	2,249	2,192	1,879	1,699	1,559	1,539	1,532
Total:	2,325	2,261	1,949	1,770	1,631	1,608	1,602

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*Note: Numbers may not add due to rounding*

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**86 Paperboard container manufacturing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9	8	5	3	3	2	2
Indirect Purchases	1,181	1,163	985	884	824	797	789
Total:	1,190	1,171	990	888	827	799	792

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**87 Coated and laminated paper, packaging paper and plastics film**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	18	16	10	8	7	7	7
Indirect Purchases	339	330	285	259	238	236	235
Total:	357	346	295	267	245	242	241

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**88 All other paper bag and coated and treated paper manufacturing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	43	40	39	39	40	38	39
Indirect Purchases	77	76	67	62	58	58	58
Total:	121	116	106	102	98	96	97

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*Note: Numbers may not add due to rounding*

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**89 Stationery product manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	1	1	1	1
Indirect Purchases	76	74	64	58	54	54	54
Total:	79	76	66	60	55	55	55

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**90 Sanitary paper product manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	5	5	4	4	4	4	4
Total:	5	5	4	4	4	4	4

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**91 All other converted paper products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	18	17	16	16	16	16	16
Indirect Purchases	34	33	30	28	27	26	26
Total:	53	50	46	44	43	42	42

Note: Numbers may not add due to rounding

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**92 Printing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,528	3,334	2,917	2,587	2,220	2,293	2,319
Indirect Purchases	1,619	1,591	1,379	1,271	1,194	1,177	1,173
Total:	5,147	4,925	4,296	3,859	3,414	3,470	3,492

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**93 Support activities for printing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	13	12	11	10	8	9	9
Indirect Purchases	253	248	214	195	179	178	177
Total:	266	261	225	204	187	186	186

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**94 Petroleum refineries**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	550	818	278	-95	-123	-151	-121
Indirect Purchases	13,250	12,894	10,853	9,761	8,880	8,819	8,768
Total:	13,800	13,712	11,132	9,666	8,757	8,668	8,647

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*Note: Numbers may not add due to rounding*

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**95 Asphalt products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	11	10	6	5	4	4	4
Indirect Purchases	485	488	391	347	306	295	288
Total:	496	497	397	352	309	299	291

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**96 Lubricating and other petroleum products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	25	28	21	19	19	18	18
Indirect Purchases	377	373	310	277	250	245	240
Total:	402	401	331	297	269	263	258

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**97 Petrochemicals**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	1,398	1,368	1,143	1,019	916	892	860
Total:	1,399	1,368	1,144	1,020	917	892	861

Note: Numbers may not add due to rounding

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**98 Industrial gases**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	20	21	13	8	7	7	7
Indirect Purchases	322	317	273	247	227	222	217
Total:	341	339	286	255	234	230	225

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**99 Synthetic dyes and pigments**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	6	5	4	4	4	4
Indirect Purchases	287	281	236	211	196	191	189
Total:	292	287	241	216	200	195	194

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**100 Other basic inorganic chemicals**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	22	21	14	12	10	10	10
Indirect Purchases	884	876	734	648	593	582	569
Total:	906	897	749	660	603	593	580

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Note: Numbers may not add due to rounding

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**101 Other basic organic chemicals**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	8	6	5	4	4	4
Indirect Purchases	2,105	2,067	1,742	1,556	1,429	1,386	1,357
Total:	2,113	2,075	1,748	1,560	1,433	1,390	1,361

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**102 Plastics materials and resins**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28	28	24	22	20	20	20
Indirect Purchases	2,976	2,923	2,461	2,202	2,050	1,975	1,954
Total:	3,003	2,951	2,485	2,224	2,070	1,995	1,973

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**103 Synthetic rubber**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	5	4	3	3	3	3
Indirect Purchases	245	241	191	162	147	145	143
Total:	250	247	195	166	150	148	146

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*Note: Numbers may not add due to rounding*

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**104 Artificial and synthetic fibers and filaments**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	1	1	0	0	0
Indirect Purchases	480	469	376	327	299	296	289
Total:	482	471	377	328	299	296	289

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**105 Fertilizers**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	432	425	359	324	294	283	276
Total:	432	425	359	325	294	283	276

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**106 Pesticides and other agricultural chemicals**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	4	2	2	1	1	1
Indirect Purchases	146	140	126	119	114	110	110
Total:	151	144	129	121	115	111	111

Note: Numbers may not add due to rounding

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**107 Pharmaceuticals and medicines**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	381	432	228	103	82	73	80
Indirect Purchases	1,397	1,311	1,237	1,206	1,189	1,151	1,159
Total:	1,778	1,743	1,466	1,309	1,271	1,224	1,239

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**108 Paints and coatings**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	35	33	25	22	19	19	18
Indirect Purchases	1,081	1,053	891	807	762	720	721
Total:	1,116	1,086	916	828	782	738	740

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**109 Adhesives**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	5	4	3	3	3	3
Indirect Purchases	283	279	231	204	186	185	183
Total:	289	284	235	208	189	188	185

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*Note: Numbers may not add due to rounding*

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**110 Soaps and cleaning compounds**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	88	81	80	81	80	78	79
Indirect Purchases	403	399	343	314	292	286	281
Total:	491	480	424	394	372	364	360

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**111 Toilet preparations**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	36	35	31	28	26	25	25
Total:	37	36	31	29	27	26	26

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**112 Printing ink**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	321	311	269	243	220	220	220
Total:	323	312	270	244	221	221	221

Note: Numbers may not add due to rounding

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**113 All other chemical products and preparations**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	894	1,002	804	657	635	706	731
Indirect Purchases	1,356	1,370	1,172	1,049	976	965	956
Total:	2,250	2,372	1,975	1,705	1,611	1,671	1,687

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**114 Plastics packaging materials and unlaminated film and sheet**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	29	26	26	26	26	25	26
Indirect Purchases	1,080	1,053	903	825	784	749	748
Total:	1,109	1,079	929	851	810	774	774

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**115 Plastics pipe, fittings, and profile shapes**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	40	39	30	26	23	22	22
Indirect Purchases	770	711	646	629	632	553	567
Total:	811	751	676	655	655	575	589

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*Note: Numbers may not add due to rounding*

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**116 Laminated plastics plate, sheet (except packaging), and shapes**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	17	16	11	8	6	6	5
Indirect Purchases	123	121	106	99	95	90	90
Total:	140	137	117	106	101	96	96

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**117 Plastic foam products**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	26	23	14	11	9	9	9
Indirect Purchases	468	468	399	363	335	330	326
Total:	494	491	414	374	343	339	335

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**118 Plastic bottles**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	0	0	0	0
Indirect Purchases	118	115	105	99	95	96	96
Total:	119	116	105	100	96	96	96

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*Note: Numbers may not add due to rounding*

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**119 Other plastics products**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	68	67	54	49	45	45	45
Indirect Purchases	3,157	3,167	2,745	2,514	2,355	2,314	2,298
Total:	3,225	3,234	2,800	2,562	2,400	2,359	2,343

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**120 Tires**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	182	179	121	86	69	71	68
Indirect Purchases	490	477	352	277	238	232	225
Total:	671	656	472	364	307	303	293

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**121 Rubber and plastics hoses and beltings**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	8	5	4	3	3	3
Indirect Purchases	202	200	163	140	128	128	126
Total:	210	207	168	144	131	131	129

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*Note: Numbers may not add due to rounding*

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**122 Other rubber products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	39	38	26	20	17	16	16
Indirect Purchases	670	670	553	484	446	430	417
Total:	709	708	579	504	463	446	433

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**123 Pottery, ceramics, and plumbing fixtures**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	25	23	23	23	23	23	23
Indirect Purchases	83	85	71	64	57	54	52
Total:	107	108	94	87	81	77	75

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**124 Clay building materials and refractories**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	5	3	2	2	2	2
Indirect Purchases	293	299	247	220	195	185	179
Total:	299	304	250	222	197	187	181

Note: Numbers may not add due to rounding

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**125 Glass and glass products, exc containers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	85	79	48	31	22	21	19
Indirect Purchases	817	787	657	594	559	510	507
Total:	902	866	705	625	581	531	526

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**126 Glass containers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	19	18	16	15	14	14	14
Total:	19	18	16	15	14	14	14

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**127 Cement**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	263	267	221	200	178	173	168
Total:	263	268	221	200	179	173	168

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*Note: Numbers may not add due to rounding*

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**128 Ready-mix concrete**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	472	483	394	357	315	301	292
Total:	473	484	395	357	316	302	292

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**129 Concrete pipe, brick, and blocks**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	2	1	1	1	1	1
Indirect Purchases	187	192	159	145	130	125	121
Total:	189	193	160	146	131	126	122

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**130 Other concrete products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	27	27	19	17	14	13	12
Indirect Purchases	439	450	378	343	310	300	293
Total:	466	477	397	360	324	313	304

Note: Numbers may not add due to rounding

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**131 Lime and gypsum products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	0	0	0	0
Indirect Purchases	300	294	242	215	194	189	186
Total:	301	295	242	215	195	190	186

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**132 Abrasive products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	331	295	296	272	260	350	350
Indirect Purchases	330	328	283	252	234	239	236
Total:	661	623	579	524	494	589	586

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**133 Cut stone and stone products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	148	156	127	114	100	94	90
Total:	149	156	127	114	100	94	91

Note: Numbers may not add due to rounding

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**134 Other non-metallic mineral products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	6	3	2	1	1	1
Indirect Purchases	217	222	186	168	153	151	148
Total:	223	228	190	170	154	153	149

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**135 Primary ferrous metal products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	118	116	75	56	45	44	41
Indirect Purchases	8,626	8,368	7,043	6,250	5,828	5,436	5,357
Total:	8,744	8,484	7,118	6,306	5,873	5,480	5,399

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**136 Primary aluminum production**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	10	10	7	5	5	5	5
Indirect Purchases	1,619	1,627	1,361	1,150	1,037	1,016	974
Total:	1,629	1,637	1,368	1,155	1,042	1,020	979

Note: Numbers may not add due to rounding

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**137 Aluminum product manufacturing from purchased aluminum**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	417	471	423	338	323	330	316
Indirect Purchases	2,092	2,130	1,804	1,575	1,452	1,442	1,411
Total:	2,508	2,601	2,227	1,912	1,775	1,772	1,727

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**138 Primary smelting and refining of copper**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	1	1	1	1	1
Indirect Purchases	1,143	1,053	826	642	507	429	363
Total:	1,145	1,055	827	643	508	430	364

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**139 Primary smelting and refining of nonferrous metal (except copper and aluminum)**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7	7	4	3	2	2	2
Indirect Purchases	806	778	645	548	485	454	443
Total:	813	784	649	551	488	456	445

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*Note: Numbers may not add due to rounding*

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**140 Copper rolling, drawing, extruding and alloying**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	5	4	3	3	3	3
Indirect Purchases	1,491	1,496	1,247	1,069	959	937	904
Total:	1,496	1,501	1,251	1,073	962	940	907

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**141 Nonferrous metal (except copper and aluminum) rolling, drawing, extruding and alloying**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	24	24	18	14	12	13	13
Indirect Purchases	1,029	1,046	906	812	763	762	756
Total:	1,053	1,070	925	827	776	774	769

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**142 Ferrous metal foundries**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	30	29	18	12	9	9	8
Indirect Purchases	1,364	1,351	1,151	1,027	966	954	942
Total:	1,394	1,380	1,169	1,039	975	963	950

Note: Numbers may not add due to rounding

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**143 Nonferrous metal foundries**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	2	2	2	2
Indirect Purchases	790	805	698	626	588	597	593
Total:	793	808	700	627	590	599	595

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**144 Forging and stamping**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	57	60	48	35	31	31	30
Indirect Purchases	2,564	2,511	2,246	2,093	2,049	1,930	1,946
Total:	2,621	2,571	2,294	2,129	2,081	1,961	1,976

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**145 Cutlery, utensils, pots, and pans**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9	7	5	3	3	3	3
Indirect Purchases	139	150	136	126	119	128	128
Total:	148	157	140	129	121	130	131

Note: Numbers may not add due to rounding

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**146 Handtools**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	436	385	229	161	128	127	125
Indirect Purchases	205	201	169	148	137	133	132
Total:	641	587	397	309	265	260	258

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**147 Plate work and fabricated structural products**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	350	349	268	243	215	205	199
Indirect Purchases	2,702	2,696	2,313	2,118	1,988	1,900	1,889
Total:	3,052	3,045	2,581	2,361	2,203	2,105	2,088

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**148 Ornamental and architectural metal products**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	39	38	26	21	17	17	16
Indirect Purchases	2,577	2,532	2,011	1,691	1,478	1,443	1,410
Total:	2,616	2,569	2,037	1,711	1,495	1,460	1,427

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*Note: Numbers may not add due to rounding*

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**149 Power boilers and heat exchangers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	104	113	123	131	137	143	142
Indirect Purchases	122	123	103	93	84	81	79
Total:	225	236	225	224	221	224	221

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**150 Metal tanks (heavy gauge)**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	139	132	82	54	37	35	31
Indirect Purchases	84	85	70	64	57	54	53
Total:	223	218	152	118	94	90	84

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**151 Metal cans, boxes, and other metal containers (light gauge)**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	139	145	108	87	79	81	82
Indirect Purchases	414	412	345	303	282	277	275
Total:	553	558	453	390	361	357	356

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*Note: Numbers may not add due to rounding*

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**152 Ammunition**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,670	5,281	4,489	3,824	3,563	3,763	3,811
Indirect Purchases	24	26	24	21	20	21	21
Total:	4,694	5,307	4,513	3,845	3,583	3,784	3,832

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**153 Arms, ordnance, and accessories**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,335	3,774	3,302	2,664	2,535	2,644	2,604
Indirect Purchases	23	24	22	19	18	19	18
Total:	3,358	3,798	3,325	2,683	2,553	2,663	2,622

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**154 Hardware manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	113	121	88	62	53	53	53
Indirect Purchases	750	778	692	634	600	602	598
Total:	863	899	780	696	653	655	651

Note: Numbers may not add due to rounding

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**155 Springs and wire products**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	21	22	16	13	12	12	12
Indirect Purchases	217	217	179	156	142	140	137
Total:	238	239	195	169	154	152	149

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**156 Machine shops**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	126	129	122	112	107	114	113
Indirect Purchases	2,164	2,158	1,824	1,613	1,490	1,467	1,453
Total:	2,290	2,287	1,947	1,725	1,597	1,581	1,567

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**157 Turned products and screws, nuts, and bolts**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	150	179	154	126	123	147	149
Indirect Purchases	1,860	1,876	1,587	1,396	1,294	1,299	1,289
Total:	2,010	2,055	1,741	1,522	1,417	1,446	1,438

Note: Numbers may not add due to rounding

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**158 Coating, engraving, heat treating and allied activities**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	29	29	23	18	17	17	16
Indirect Purchases	1,501	1,499	1,265	1,120	1,035	1,022	1,013
Total:	1,530	1,528	1,288	1,138	1,051	1,038	1,029

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**159 Metal valves**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	158	140	135	116	110	115	120
Indirect Purchases	2,026	1,978	1,786	1,692	1,650	1,537	1,551
Total:	2,184	2,118	1,920	1,807	1,760	1,652	1,671

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**160 Ball and roller bearings**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	27	33	23	16	15	16	17
Indirect Purchases	425	426	361	318	292	287	282
Total:	452	459	384	334	307	302	299

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*Note: Numbers may not add due to rounding*

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**161 Fabricated pipe and pipe fittings**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	11	5	2	1	1	1
Indirect Purchases	207	212	182	165	152	148	145
Total:	215	222	188	167	153	149	146

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**162 Other fabricated metal products**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	335	355	287	221	202	205	203
Indirect Purchases	834	837	700	621	568	554	543
Total:	1,169	1,192	987	842	770	759	746

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**163 Farm machinery and equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	7	4	3	3	3	3
Indirect Purchases	35	34	30	27	25	24	24
Total:	43	41	34	30	28	27	26

Note: Numbers may not add due to rounding

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**164 Lawn and garden equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8	7	4	3	2	2	2
Indirect Purchases	10	10	9	8	7	7	7
Total:	19	18	13	11	10	10	10

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**165 Construction machinery**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	254	273	199	173	151	137	129
Indirect Purchases	138	119	113	116	122	98	103
Total:	392	392	312	288	273	235	232

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**166 Mining and oil and gas field machinery**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	3	3	3	4	2	2
Indirect Purchases	50	49	40	36	30	31	29
Total:	54	52	42	39	34	33	31

Note: Numbers may not add due to rounding

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**167 Other industrial machinery**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	132	126	97	85	77	75	76
Indirect Purchases	155	151	130	116	106	105	103
Total:	287	277	227	201	183	180	179

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**168 Plastics and rubber industry machinery**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	6	4	4	3	3	4
Indirect Purchases	17	17	14	13	12	12	12
Total:	23	23	19	17	16	15	15

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**169 Semiconductor machinery manufacturing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	4	3	2	2	2	2
Indirect Purchases	62	61	54	49	46	45	45
Total:	66	65	56	52	48	47	47

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*Note: Numbers may not add due to rounding*

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**170 Vending, commercial, industrial, and office machinery**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	20	18	13	11	9	9	9
Indirect Purchases	61	62	55	51	49	49	49
Total:	81	81	69	62	58	58	58

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**171 Optical instruments and lenses**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,002	1,919	1,385	1,123	984	991	986
Indirect Purchases	71	68	52	44	40	40	39
Total:	2,073	1,987	1,438	1,167	1,023	1,031	1,025

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**172 Photographic and photocopying equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	68	64	49	44	41	41	42
Indirect Purchases	6	6	5	5	4	4	4
Total:	74	69	55	48	46	45	46

Note: Numbers may not add due to rounding

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**173 Other commercial and service industry machinery**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,027	1,009	792	705	659	664	665
Indirect Purchases	74	78	69	64	60	63	62
Total:	1,101	1,087	860	769	719	726	727

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**174 Air purification and ventilation equipment**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	50	48	37	32	29	28	28
Indirect Purchases	155	157	130	116	105	102	100
Total:	205	205	167	148	134	130	127

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**175 Heating equipment (except warm air furnaces)**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	19	19	13	11	9	8	7
Indirect Purchases	142	145	119	107	95	92	89
Total:	161	164	132	118	104	100	96

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*Note: Numbers may not add due to rounding*

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**176 Air conditioning, refrigeration, and warm air heating equipment**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	139	138	108	94	86	87	87
Indirect Purchases	792	807	633	538	466	449	433
Total:	932	945	741	632	552	536	519

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**177 Industrial molds**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	2	2	2	2
Indirect Purchases	199	219	207	196	187	207	210
Total:	202	222	209	198	189	209	212

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**178 Metal cutting and forming machine tools**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	156	144	100	79	67	67	67
Indirect Purchases	86	86	72	64	59	59	59
Total:	241	229	172	143	126	126	126

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*Note: Numbers may not add due to rounding*

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**179 Special tools, dies, jigs, and fixtures**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	3	3	2	2	2	2
Indirect Purchases	253	279	264	251	240	267	271
Total:	257	282	267	253	242	269	273

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**180 Cutting tool and machine tool accessories**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	14	14	10	9	8	8	8
Indirect Purchases	541	558	497	456	434	445	446
Total:	555	571	507	465	442	453	454

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**181 Rolling mill and other metalworking machinery**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	15	15	13	10	9	9	9
Indirect Purchases	9	8	7	6	6	6	6
Total:	24	24	19	16	15	15	15

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*Note: Numbers may not add due to rounding*

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**182 Turbine and turbine generator set units**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	238	220	154	129	116	115	116
Indirect Purchases	463	372	379	405	449	342	370
Total:	700	591	533	533	565	457	486

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**183 Speed changers and mechanical power transmission equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	119	133	103	82	76	80	82
Indirect Purchases	1,345	1,264	1,103	1,025	1,032	908	915
Total:	1,464	1,397	1,206	1,107	1,108	987	997

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**184 Other engine equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,595	8,018	7,450	7,249	7,109	7,687	7,731
Indirect Purchases	3,687	3,402	2,953	2,734	2,801	2,400	2,475
Total:	11,282	11,420	10,403	9,983	9,910	10,088	10,206

Note: Numbers may not add due to rounding

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**185 Pump and pumping equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	131	131	95	75	67	67	67
Indirect Purchases	63	61	50	44	39	38	38
Total:	194	193	144	119	107	105	105

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**186 Air and gas compressors**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	34	33	25	20	17	17	17
Indirect Purchases	20	20	17	15	13	13	13
Total:	55	54	41	35	31	30	30

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**187 Material handling equipment**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	474	446	359	285	241	220	201
Indirect Purchases	362	368	302	267	236	222	214
Total:	837	814	661	552	477	443	415

Note: Numbers may not add due to rounding

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**188 Power-driven handtool manufacturing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	15	14	9	7	6	6	6
Indirect Purchases	5	5	4	4	4	3	3
Total:	21	20	14	11	9	9	9

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**189 Other general purpose machinery**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	600	552	381	306	264	261	259
Indirect Purchases	350	358	296	262	235	226	220
Total:	950	910	677	568	500	487	479

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**190 Packaging machinery**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	1	0	0	0
Indirect Purchases	4	4	3	3	3	2	2
Total:	6	5	4	3	3	3	3

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*Note: Numbers may not add due to rounding*

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**191 Industrial process furnaces and ovens**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	13	12	8	7	6	6	6
Indirect Purchases	12	11	10	9	8	8	8
Total:	25	23	18	16	14	14	14

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**192 Fluid power process machinery**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	30	32	24	18	16	15	15
Indirect Purchases	833	804	721	676	668	611	618
Total:	863	836	746	695	684	626	633

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**193 Computers**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,258	2,275	1,797	1,606	1,466	1,484	1,498
Indirect Purchases	214	213	169	147	132	132	131
Total:	2,472	2,488	1,966	1,752	1,599	1,616	1,629

Note: Numbers may not add due to rounding

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**194 Computer storage devices**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	164	166	133	126	121	123	125
Indirect Purchases	484	484	397	359	331	330	329
Total:	648	650	530	485	452	453	454

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**195 Computer terminals and other computer peripherals**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	605	604	523	483	452	430	422
Indirect Purchases	700	697	596	545	510	504	502
Total:	1,305	1,301	1,119	1,028	961	934	924

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**196 Telephone apparatus**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	417	433	364	335	313	300	276
Indirect Purchases	235	230	197	179	164	162	162
Total:	651	663	561	514	478	462	438

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*Note: Numbers may not add due to rounding*

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**197 Broadcast and wireless communications equipment**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,619	8,499	6,933	6,608	6,175	6,283	6,030
Indirect Purchases	2,568	2,809	2,502	2,374	2,250	2,329	2,296
Total:	10,187	11,308	9,435	8,982	8,425	8,612	8,326

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**198 Other communications equipment**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,966	3,241	2,601	2,479	2,254	2,391	2,287
Indirect Purchases	136	134	112	102	93	90	89
Total:	3,102	3,375	2,713	2,581	2,347	2,481	2,376

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**199 Audio and video equipment**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	98	95	77	71	69	66	69
Indirect Purchases	155	156	118	97	85	84	81
Total:	253	251	195	168	154	151	149

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*Note: Numbers may not add due to rounding*

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**200 Semiconductors and electron tubes**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	154	171	147	132	127	127	135
Indirect Purchases	3,321	3,409	2,953	2,712	2,546	2,520	2,480
Total:	3,476	3,580	3,100	2,844	2,673	2,647	2,615

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**201 All other electronic components**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,100	2,158	2,032	1,982	1,936	1,999	1,974
Indirect Purchases	3,958	4,043	3,481	3,208	3,013	3,002	2,957
Total:	6,059	6,201	5,513	5,191	4,949	5,001	4,931

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**202 Electromedical and electrotherapeutic apparatus**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	83	85	67	52	48	50	54
Indirect Purchases	91	90	84	81	78	79	80
Total:	173	175	151	133	126	129	134

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*Note: Numbers may not add due to rounding*

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**203 Search, detection, and navigation instruments**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	10,464	10,902	9,969	9,410	9,034	9,546	9,696
Indirect Purchases	741	762	731	700	681	628	620
Total:	11,205	11,664	10,700	10,109	9,715	10,173	10,316

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**204 Automatic environmental controls**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	23	23	19	17	16	16	17
Indirect Purchases	78	79	65	58	52	50	49
Total:	101	102	84	75	68	66	65

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**205 Industrial process variable instruments**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	165	161	128	113	102	103	104
Indirect Purchases	137	137	118	108	100	100	99
Total:	302	298	246	221	202	204	204

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*Note: Numbers may not add due to rounding*

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**206 Totalizing fluid meters and counting devices**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	31	31	23	19	17	18	18
Indirect Purchases	109	107	79	63	53	52	50
Total:	140	138	103	82	70	70	68

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**207 Electricity and signal testing instruments**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	448	474	431	408	395	417	431
Indirect Purchases	138	144	125	116	109	112	112
Total:	586	618	556	523	504	529	543

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**208 Analytical laboratory instruments**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	314	290	204	167	145	142	139
Indirect Purchases	187	193	172	161	152	151	149
Total:	501	482	377	328	297	293	288

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*Note: Numbers may not add due to rounding*

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**209 Irradiation apparatus manufacturing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	115	115	93	83	77	75	73
Indirect Purchases	29	26	26	26	26	25	25
Total:	144	141	119	109	103	100	99

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**210 Watch, clock, and other measuring and controlling devices**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	514	485	348	286	256	257	258
Indirect Purchases	323	340	314	293	276	265	259
Total:	837	825	662	579	533	523	517

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**211 Software, audio, and video media reproducing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	18	17	14	13	13	13	13
Indirect Purchases	142	140	120	110	102	101	100
Total:	160	157	134	123	115	113	113

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*Note: Numbers may not add due to rounding*

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**212 Magnetic and optical recording media**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	11	12	10	10	9	9	9
Indirect Purchases	133	131	113	104	97	96	96
Total:	144	142	123	113	106	105	105

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**213 Electric lamp bulbs and parts**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7	7	7	6	6	6	6
Indirect Purchases	40	39	31	26	23	22	21
Total:	47	47	37	32	29	28	27

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**214 Lighting fixtures**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	21	25	21	19	17	15	14
Indirect Purchases	622	648	532	475	419	399	386
Total:	643	673	553	494	435	415	400

Note: Numbers may not add due to rounding

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**215 Small electrical appliances**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	1	1	1	1	1
Indirect Purchases	42	43	35	31	27	26	25
Total:	44	45	36	32	28	27	26

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**216 Household cooking appliances**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	1	1	1	1
Indirect Purchases	13	12	10	9	8	8	8
Total:	16	15	12	11	10	9	9

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**217 Household refrigerators and home freezers**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	3	3	3	2	2
Indirect Purchases	4	4	3	3	2	2	2
Total:	7	7	6	5	5	5	5

Note: Numbers may not add due to rounding

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**218 Household laundry equipment**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	4	3	3	3	3	3
Indirect Purchases	2	2	2	2	2	2	2
Total:	6	6	5	5	5	5	4

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**219 Other major household appliances**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	4	4	3	3	3	3
Indirect Purchases	19	20	16	14	12	12	11
Total:	24	25	20	17	15	14	14

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**220 Power, distribution, and specialty transformers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	94	111	96	95	82	73	68
Indirect Purchases	312	322	260	210	187	190	188
Total:	406	433	356	305	270	263	256

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*Note: Numbers may not add due to rounding*

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**221 Motors and generators**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	219	254	235	245	226	212	203
Indirect Purchases	757	738	645	599	577	557	557
Total:	976	991	880	844	803	769	760

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**222 Switchgear and switchboard apparatus**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	42	45	38	34	31	31	30
Indirect Purchases	319	314	258	231	210	207	204
Total:	361	358	296	266	241	237	234

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**223 Relays and industrial controls**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28	31	27	27	25	23	21
Indirect Purchases	541	528	463	428	410	393	395
Total:	569	559	490	455	435	416	416

Note: Numbers may not add due to rounding

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**224 Storage batteries**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	17	21	14	10	8	6	6
Indirect Purchases	112	111	91	79	72	70	68
Total:	129	132	105	89	79	76	74

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**225 Primary battery manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	21	27	21	18	16	14	13
Indirect Purchases	12	12	10	9	8	8	8
Total:	33	38	31	27	24	22	21

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**226 Communication and energy wires and cables**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	57	60	50	46	44	44	45
Indirect Purchases	1,121	1,133	975	884	816	807	795
Total:	1,178	1,193	1,025	930	860	851	840

Note: Numbers may not add due to rounding

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**227 Wiring devices**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	46	48	38	33	30	30	30
Indirect Purchases	403	413	347	312	284	278	272
Total:	449	461	384	345	314	308	302

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**228 Carbon and graphite and miscellaneous electrical equipment**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	342	363	310	288	274	271	273
Indirect Purchases	323	330	294	268	251	251	248
Total:	665	693	605	557	525	523	520

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**229 Automobiles**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,716	2,546	1,483	875	530	500	413
Indirect Purchases	6	6	5	4	4	4	4
Total:	2,722	2,551	1,488	879	534	504	416

Note: Numbers may not add due to rounding

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**230 Heavy duty trucks**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,133	5,542	3,343	1,741	1,152	1,123	937
Indirect Purchases	102	104	66	40	28	27	24
Total:	5,235	5,646	3,409	1,781	1,180	1,151	961

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**231 Motor vehicle bodies**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	292	284	171	102	66	63	55
Indirect Purchases	63	63	39	22	15	14	12
Total:	355	348	209	124	81	77	67

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**232 Truck trailer manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,199	2,094	1,242	749	478	448	368
Indirect Purchases	7	7	5	3	2	2	2
Total:	2,207	2,100	1,247	752	480	450	370

Note: Numbers may not add due to rounding

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**233 Motor homes, trailers and campers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	38	34	23	18	15	16	16
Indirect Purchases	126	121	81	58	45	44	40
Total:	165	155	104	76	61	59	56

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**234 Motor vehicle parts**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	813	825	523	333	251	247	229
Indirect Purchases	6,518	6,443	4,712	3,645	3,104	3,027	2,903
Total:	7,331	7,268	5,234	3,978	3,355	3,274	3,132

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**235 Aircraft**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28,138	30,882	29,487	27,977	26,606	27,794	27,691
Indirect Purchases	188	187	167	153	140	138	137
Total:	28,326	31,069	29,654	28,130	26,746	27,932	27,827

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Note: Numbers may not add due to rounding

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**236 Aircraft engines and engine parts**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,644	4,967	4,688	4,460	4,380	4,513	4,596
Indirect Purchases	3,828	4,089	3,843	3,621	3,478	3,393	3,347
Total:	8,472	9,055	8,532	8,081	7,858	7,906	7,944

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**237 Other aircraft parts and auxiliary equipment**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9,041	9,850	9,556	8,968	8,683	9,230	9,267
Indirect Purchases	3,065	3,248	3,059	2,867	2,719	2,628	2,562
Total:	12,106	13,098	12,615	11,834	11,403	11,858	11,830

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**238 Guided missiles and space vehicles**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8,591	9,314	8,899	8,354	8,091	8,103	8,163
Indirect Purchases	247	266	247	230	221	219	220
Total:	8,837	9,580	9,146	8,584	8,312	8,322	8,383

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*Note: Numbers may not add due to rounding*

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**239 Propulsion units and parts for space vehicles and guided missiles**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,681	2,008	1,553	1,365	1,340	1,407	1,417
Indirect Purchases	1,243	1,372	1,248	1,151	1,109	1,114	1,121
Total:	2,924	3,380	2,801	2,515	2,449	2,521	2,539

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**240 Railroad rolling stock**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	25	26	23	21	20	17	14
Indirect Purchases	80	77	64	57	53	53	53
Total:	105	102	87	79	73	71	67

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**241 Ship building and repairing**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	16,351	11,719	13,397	15,576	18,539	12,920	14,445
Indirect Purchases	192	175	156	150	151	141	145
Total:	16,543	11,894	13,553	15,726	18,690	13,061	14,590

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*Note: Numbers may not add due to rounding*

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**242 Boat building**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	252	268	198	177	172	181	183
Indirect Purchases	37	29	30	32	36	28	30
Total:	289	297	227	209	209	209	213

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**243 Motorcycles, bicycles, and parts**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9	8	5	3	2	2	2
Indirect Purchases	11	11	9	8	7	7	7
Total:	20	19	14	11	9	9	9

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**244 Military armored vehicles, tanks, and tank components**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,221	6,643	4,548	2,999	2,211	1,984	1,750
Indirect Purchases	299	265	182	117	85	80	77
Total:	7,520	6,908	4,730	3,116	2,296	2,064	1,827

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*Note: Numbers may not add due to rounding*

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**245 All other transportation equipment**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	160	154	120	105	93	95	95
Indirect Purchases	20	19	15	13	12	12	12
Total:	181	173	135	118	105	107	106

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**246 Wood kitchen cabinet and countertops**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	268	272	231	210	193	190	187
Total:	268	272	231	210	193	190	187

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**247 Household and institutional furniture**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	253	265	244	225	205	188	174
Indirect Purchases	79	85	73	67	62	62	61
Total:	332	350	316	292	266	250	235

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*Note: Numbers may not add due to rounding*

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**248 Office furniture (including fixtures)**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	299	341	293	279	238	212	197
Indirect Purchases	147	156	130	117	102	97	93
Total:	446	497	423	395	340	308	289

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**249 Mattresses, blinds and shades**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5	5	5	5	4	4	4
Indirect Purchases	13	11	11	11	12	9	10
Total:	18	16	16	16	16	13	14

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**250 Laboratory apparatus and furniture**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	48	45	32	26	23	23	23
Indirect Purchases	2	2	2	2	1	1	1
Total:	50	47	34	28	25	24	24

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*Note: Numbers may not add due to rounding*

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**251 Surgical and medical instruments**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	323	314	222	179	161	159	160
Indirect Purchases	163	152	140	135	132	128	129
Total:	486	466	362	314	293	287	289

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**252 Surgical appliances and supplies**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	301	299	190	134	116	112	113
Indirect Purchases	304	286	260	249	242	233	234
Total:	605	585	450	383	358	346	347

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**253 Dental equipment and supplies**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	36	34	25	21	19	19	19
Indirect Purchases	97	88	88	89	89	86	87
Total:	133	122	113	110	108	105	106

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*Note: Numbers may not add due to rounding*

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**254 Ophthalmic goods**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	72	71	63	60	57	54	50
Indirect Purchases	8	8	7	7	7	6	6
Total:	80	78	70	66	64	59	56

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**255 Dental laboratories**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	3	2	1	1	1	1
Indirect Purchases	152	138	138	139	139	135	137
Total:	155	141	139	141	140	136	138

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**256 Jewelry and silverware**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	3	2	2	1	1	1
Indirect Purchases	22	21	18	16	15	16	16
Total:	26	24	20	18	16	17	17

Note: Numbers may not add due to rounding

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**257 Sporting and athletic goods**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	257	257	216	197	191	191	192
Indirect Purchases	23	22	19	17	17	16	17
Total:	279	279	235	214	207	207	209

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**258 Dolls, toys, and games**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	6	4	3	3	3	3
Indirect Purchases	2	2	1	1	1	1	1
Total:	8	7	6	5	4	4	4

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**259 Office supplies (except paper)**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	39	38	31	29	26	26	26
Indirect Purchases	79	78	67	61	57	56	56
Total:	118	115	98	90	84	82	82

Note: Numbers may not add due to rounding

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**260 Sign manufacturing**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	22	20	16	14	12	12	12
Indirect Purchases	19	19	16	15	13	13	12
Total:	40	39	32	28	25	25	24

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**261 Gasket, packing, and sealing devices**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	24	31	18	9	8	8	9
Indirect Purchases	346	346	297	267	250	248	245
Total:	370	377	315	276	257	256	253

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**262 Musical instruments**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	5	4	3	3	3	3
Indirect Purchases	6	6	5	4	4	4	4
Total:	12	11	9	7	7	7	7

Note: Numbers may not add due to rounding

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**263 All other miscellaneous manufacturing**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,469	1,390	942	714	610	604	608
Indirect Purchases	203	197	161	142	131	129	128
Total:	1,672	1,587	1,103	856	741	733	736

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**264 Broom, brush, and mop manufacturing**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	2	1	1	1	1
Indirect Purchases	31	31	26	24	22	21	21
Total:	33	32	28	25	23	22	22

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**265 Wholesale trade**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	7,123	6,712	6,212	6,033	5,950	5,796	5,883
Indirect Purchases	19,424	19,250	16,378	14,794	13,781	13,416	13,261
Total:	26,547	25,961	22,590	20,827	19,731	19,212	19,145

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*Note: Numbers may not add due to rounding*

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**266 Retail trade**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,042	1,917	1,717	1,629	1,548	1,515	1,537
Indirect Purchases	1,772	1,745	1,414	1,255	1,126	1,101	1,082
Total:	3,813	3,663	3,131	2,884	2,674	2,616	2,618

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**267 Air transportation**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	19,467	18,568	16,111	14,632	13,106	13,195	13,329
Indirect Purchases	2,265	2,296	2,047	1,907	1,804	1,834	1,838
Total:	21,732	20,864	18,158	16,539	14,910	15,029	15,167

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**268 Rail transportation**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,406	2,266	1,840	1,623	1,519	1,540	1,556
Indirect Purchases	1,909	1,856	1,556	1,380	1,260	1,226	1,209
Total:	4,316	4,122	3,397	3,003	2,779	2,766	2,765

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*Note: Numbers may not add due to rounding*

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**269 Water transportation**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8,141	7,776	6,412	5,746	5,450	5,516	5,574
Indirect Purchases	483	482	440	417	394	379	371
Total:	8,624	8,258	6,853	6,163	5,844	5,895	5,945

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**270 Truck transportation**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	18,430	17,329	13,990	12,285	11,504	11,671	11,803
Indirect Purchases	6,415	6,295	5,336	4,803	4,459	4,370	4,333
Total:	24,845	23,624	19,326	17,088	15,963	16,042	16,136

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**271 Transit and ground passenger transportation**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	561	534	451	409	376	376	377
Indirect Purchases	812	796	689	636	599	583	581
Total:	1,373	1,330	1,140	1,045	975	960	958

Note: Numbers may not add due to rounding

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**272 Pipeline transportation**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	18	16	9	6	5	5	5
Indirect Purchases	639	624	519	460	410	407	401
Total:	657	639	528	466	415	411	405

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**273 Scenic and sightseeing transportation and support activities for transportation**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,361	3,120	2,897	2,759	2,629	2,636	2,658
Indirect Purchases	5,167	4,965	4,241	3,849	3,552	3,557	3,575
Total:	8,528	8,085	7,138	6,608	6,180	6,192	6,232

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**274 Couriers and messengers**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	26	24	17	13	11	11	11
Indirect Purchases	3,676	3,535	2,985	2,702	2,532	2,519	2,524
Total:	3,702	3,559	3,002	2,716	2,544	2,530	2,535

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*Note: Numbers may not add due to rounding*

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**275 Warehousing and storage**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,650	4,383	3,526	3,087	2,888	2,928	2,962
Indirect Purchases	2,309	2,244	1,920	1,747	1,651	1,619	1,621
Total:	6,959	6,627	5,445	4,834	4,539	4,547	4,583

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**276 Newspaper publishers**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6	6	5	5	4	4	4
Indirect Purchases	15	15	13	12	11	11	11
Total:	21	20	18	16	15	15	14

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**277 Periodical publishers**(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	46	43	36	32	30	30	30
Indirect Purchases	143	142	125	117	110	107	106
Total:	189	185	161	149	140	137	136

Note: Numbers may not add due to rounding

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**278 Book publishers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	79	75	67	63	57	57	58
Indirect Purchases	115	112	98	92	87	85	84
Total:	194	186	166	155	144	141	142

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**279 Directory, mailing list, and other publishers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	42	42	38	37	36	36	37
Indirect Purchases	239	234	199	182	170	166	165
Total:	281	275	237	219	207	202	201

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**280 Software publishers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,775	1,711	1,380	1,253	1,170	1,173	1,184
Indirect Purchases	2,802	2,904	2,443	2,275	2,148	2,143	2,117
Total:	4,577	4,615	3,823	3,529	3,318	3,315	3,302

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*Note: Numbers may not add due to rounding*

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**281 Motion picture and video industries**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	184	171	150	144	140	137	138
Indirect Purchases	1,489	1,452	1,237	1,124	1,036	1,027	1,026
Total:	1,674	1,623	1,387	1,268	1,176	1,164	1,164

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**282 Sound recording industries**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3	2	2	2	1	1	1
Indirect Purchases	108	106	91	83	77	76	76
Total:	111	108	93	84	78	78	77

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**283 Radio and television broadcasting**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	22	20	15	13	11	12	12
Indirect Purchases	402	395	335	305	285	283	282
Total:	424	415	350	318	296	295	295

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*Note: Numbers may not add due to rounding*

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**284 Cable and internet**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	28	26	22	20	19	19	19
Indirect Purchases	1,017	992	848	773	713	704	702
Total:	1,046	1,019	871	793	731	722	721

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**285 Telecommunications**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	14,766	14,222	12,077	10,811	9,613	9,614	9,683
Indirect Purchases	10,874	10,629	9,120	8,328	7,694	7,579	7,562
Total:	25,640	24,850	21,197	19,139	17,307	17,193	17,244

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**286 Data processing, hosting and internet service providers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	611	572	450	399	363	362	366
Indirect Purchases	3,733	3,666	3,198	2,961	2,804	2,704	2,696
Total:	4,345	4,238	3,648	3,360	3,166	3,065	3,062

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*Note: Numbers may not add due to rounding*

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**287 Other information services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	230	225	188	171	160	158	157
Indirect Purchases	294	293	256	238	224	220	217
Total:	524	517	445	409	383	377	374

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**288 Monetary authorities and depository credit intermediation**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	8,727	8,615	7,511	6,942	6,517	6,395	6,366
Total:	8,727	8,615	7,511	6,942	6,517	6,395	6,366

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**289 Nondepository credit intermediation and related activities**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	36	33	31	31	31	30	29
Indirect Purchases	3,246	3,162	2,727	2,497	2,344	2,282	2,276
Total:	3,282	3,196	2,758	2,528	2,375	2,311	2,306

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*Note: Numbers may not add due to rounding*

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**290 Securities, commodity contracts, investments, and related activities**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	421	449	378	326	308	305	306
Indirect Purchases	7,886	7,696	6,718	6,208	5,897	5,668	5,664
Total:	8,307	8,146	7,096	6,534	6,205	5,973	5,970

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**291 Insurance carriers**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,256	3,188	3,059	3,001	2,935	2,959	2,984
Indirect Purchases	6,543	6,369	5,532	5,107	4,809	4,750	4,743
Total:	9,798	9,557	8,592	8,108	7,744	7,709	7,728

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**292 Insurance agencies, brokerages, and related activities**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	44	41	42	43	43	42	42
Indirect Purchases	3,191	3,110	2,782	2,615	2,492	2,474	2,477
Total:	3,235	3,151	2,824	2,657	2,535	2,515	2,520

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*Note: Numbers may not add due to rounding*

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**293 Funds, trusts, and other financial vehicles**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	429	420	372	348	330	325	324
Total:	429	420	372	348	330	325	324

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**294 Real estate**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,939	5,704	4,761	4,192	3,768	3,690	3,674
Indirect Purchases	17,596	17,210	14,922	13,752	12,894	12,645	12,580
Total:	23,535	22,914	19,683	17,944	16,663	16,335	16,254

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**296 Automotive equipment rental and leasing**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,842	2,661	2,266	1,945	1,807	1,810	1,815
Indirect Purchases	2,869	2,826	2,446	2,246	2,110	2,058	2,045
Total:	5,711	5,487	4,711	4,191	3,917	3,867	3,860

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*Note: Numbers may not add due to rounding*

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**297 General and consumer goods rental except video tapes and discs**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	50	44	27	20	16	16	15
Indirect Purchases	455	446	383	350	328	321	320
Total:	505	489	410	370	344	337	335

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**298 Video tape and disc rental**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0

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**299 Commercial and industrial machinery and equipment rental and leasing**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	442	427	319	273	252	248	247
Indirect Purchases	3,285	3,234	2,754	2,503	2,281	2,261	2,245
Total:	3,727	3,661	3,073	2,777	2,533	2,509	2,492

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*Note: Numbers may not add due to rounding*

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**300 Lessors of nonfinancial intangible assets**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	5,309	5,179	4,506	4,214	3,909	3,787	3,726
Total:	5,309	5,179	4,506	4,214	3,909	3,787	3,726

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**301 Legal services**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	39	39	34	31	29	29	30
Indirect Purchases	6,358	6,298	5,491	5,075	4,769	4,659	4,630
Total:	6,397	6,336	5,525	5,106	4,798	4,689	4,659

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**302 Accounting, tax preparation, bookkeeping, and payroll services**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	308	289	276	274	273	267	269
Indirect Purchases	4,439	4,349	3,754	3,454	3,239	3,158	3,144
Total:	4,747	4,638	4,030	3,729	3,512	3,425	3,413

Note: Numbers may not add due to rounding

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**303 Architectural, engineering, and related services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	40,240	41,859	37,555	35,153	33,360	33,020	32,639
Indirect Purchases	8,842	8,892	7,630	7,019	6,479	6,258	6,170
Total:	49,082	50,751	45,185	42,172	39,840	39,278	38,809

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**304 Specialized design services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	145	131	94	81	78	67	69
Indirect Purchases	2,410	2,440	2,172	2,023	1,935	1,884	1,884
Total:	2,554	2,570	2,266	2,104	2,013	1,952	1,953

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**305 Custom computer programming services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,564	3,355	2,681	2,379	2,166	2,136	2,122
Indirect Purchases	698	728	638	577	530	537	525
Total:	4,263	4,083	3,319	2,956	2,696	2,673	2,647

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*Note: Numbers may not add due to rounding*

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**306 Computer systems design services**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,389	5,262	4,388	4,015	3,682	3,681	3,674
Indirect Purchases	1,098	1,082	945	874	825	803	800
Total:	6,487	6,343	5,333	4,889	4,507	4,484	4,474

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**307 Other computer related services, including facilities management**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9,026	8,660	7,571	7,289	7,040	7,038	7,146
Indirect Purchases	4,090	4,050	3,528	3,264	3,070	2,996	2,976
Total:	13,116	12,710	11,099	10,553	10,110	10,034	10,122

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**308 Management, scientific, and technical consulting services**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9,541	9,346	7,094	6,214	5,573	5,659	5,568
Indirect Purchases	7,876	7,699	6,773	6,326	6,025	5,794	5,778
Total:	17,417	17,046	13,868	12,540	11,598	11,453	11,345

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*Note: Numbers may not add due to rounding*

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**309 Environmental and other technical consulting services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,907	1,769	1,341	1,133	992	969	966
Indirect Purchases	1,265	1,244	1,093	1,019	968	934	931
Total:	3,173	3,013	2,434	2,152	1,960	1,903	1,896

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**310 Scientific research and development services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	46,180	46,556	43,026	41,113	39,075	37,429	36,402
Indirect Purchases	4,065	4,037	3,567	3,328	3,183	3,071	3,061
Total:	50,245	50,594	46,592	44,441	42,258	40,500	39,463

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**311 Advertising and related services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,655	1,532	1,099	917	814	812	814
Indirect Purchases	9,731	9,667	8,409	7,735	7,261	7,221	7,201
Total:	11,386	11,199	9,508	8,653	8,075	8,033	8,016

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*Note: Numbers may not add due to rounding*

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**312 All other miscellaneous professional, scientific, and technical services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	8,539	8,212	6,909	6,307	5,815	5,589	5,440
Indirect Purchases	4,208	4,166	3,677	3,420	3,233	3,123	3,099
Total:	12,746	12,378	10,587	9,727	9,048	8,712	8,538

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**313 Photographic services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	13	12	10	9	7	7	7
Indirect Purchases	163	162	140	129	121	119	118
Total:	176	174	150	137	128	126	125

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**314 Veterinary services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	14	12	9	8	6	6	6
Indirect Purchases	19	19	17	17	16	15	15
Total:	33	32	27	24	22	21	21

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*Note: Numbers may not add due to rounding*

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**315 Management of companies and enterprises**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	27,689	27,695	23,954	21,855	20,489	20,137	19,953
Total:	27,689	27,695	23,954	21,855	20,490	20,137	19,953

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**316 Office administrative services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	555	516	386	326	282	280	283
Indirect Purchases	2,470	2,418	2,099	1,943	1,835	1,789	1,782
Total:	3,025	2,934	2,485	2,269	2,117	2,069	2,065

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**317 Facilities support services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	6,422	5,935	4,322	3,557	3,024	3,020	3,023
Indirect Purchases	505	502	442	410	390	382	381
Total:	6,927	6,437	4,764	3,967	3,414	3,401	3,405

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*Note: Numbers may not add due to rounding*

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**318 Business support services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	353	337	251	213	190	194	194
Indirect Purchases	3,015	2,976	2,621	2,438	2,322	2,246	2,244
Total:	3,368	3,313	2,872	2,651	2,511	2,439	2,438

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**319 Investigation and security services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,111	1,016	760	644	566	563	567
Indirect Purchases	1,567	1,551	1,356	1,254	1,188	1,160	1,159
Total:	2,678	2,567	2,116	1,898	1,753	1,723	1,726

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**320 Services to buildings and dwellings**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,320	1,221	931	788	672	674	682
Indirect Purchases	4,432	4,364	3,815	3,529	3,314	3,224	3,191
Total:	5,752	5,585	4,746	4,316	3,987	3,898	3,873

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*Note: Numbers may not add due to rounding*

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### 321 Other support services

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,279	1,241	1,048	958	913	912	922
Indirect Purchases	2,078	2,069	1,811	1,677	1,591	1,555	1,552
Total:	3,357	3,310	2,859	2,635	2,505	2,468	2,474

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### 322 Employment services

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	277	254	182	152	134	133	134
Indirect Purchases	9,297	9,143	7,923	7,310	6,892	6,756	6,734
Total:	9,574	9,397	8,105	7,462	7,026	6,890	6,868

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### 323 Travel arrangement and reservation services

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	61	57	42	35	32	32	32
Indirect Purchases	1,284	1,245	1,083	997	928	912	912
Total:	1,345	1,302	1,125	1,032	960	943	944

Note: Numbers may not add due to rounding

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**324 Waste management and remediation services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	3,675	3,304	2,140	1,640	1,355	1,340	1,333
Indirect Purchases	2,106	2,013	1,660	1,486	1,372	1,338	1,333
Total:	5,781	5,318	3,800	3,126	2,728	2,678	2,666

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**325 Elementary and secondary schools**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	47	43	44	45	46	44	45
Indirect Purchases	4	5	5	5	4	5	5
Total:	52	48	49	50	50	49	50

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**326 Junior colleges, colleges, universities, and professional schools**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,647	2,523	2,215	2,054	1,930	1,794	1,729
Indirect Purchases	107	106	94	87	81	82	82
Total:	2,754	2,629	2,309	2,142	2,011	1,876	1,811

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*Note: Numbers may not add due to rounding*

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**327 Other educational services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,662	2,498	1,931	1,662	1,471	1,471	1,480
Indirect Purchases	73	71	61	56	52	52	52
Total:	2,735	2,568	1,993	1,718	1,523	1,523	1,532

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**328 Offices of physicians, dentists, and other health practitioners**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	19,505	17,776	17,729	17,933	17,948	17,403	17,632
Indirect Purchases	8	4	11	15	16	16	17
Total:	19,514	17,780	17,739	17,948	17,964	17,419	17,649

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**329 Medical and diagnostic labs and outpatient and other ambulatory care services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,676	1,544	1,342	1,265	1,214	1,187	1,196
Indirect Purchases	454	415	404	404	402	390	395
Total:	2,130	1,959	1,746	1,669	1,616	1,578	1,591

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*Note: Numbers may not add due to rounding*

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**330 Home health care services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	11	10	8	7	7	7	7
Indirect Purchases	0	0	0	0	0	0	0
Total:	11	10	8	7	7	7	7

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**331 Hospitals**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	323	323	287	277	273	272	274
Indirect Purchases	2	1	1	1	1	1	1
Total:	324	324	288	278	275	273	275

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**332 Nursing and residential care facilities**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	12	12	12	12	12	11	12
Indirect Purchases	1	1	1	1	1	1	1
Total:	13	12	12	12	12	12	12

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*Note: Numbers may not add due to rounding*

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**333 Social assistance, except child day care services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	524	500	417	386	368	360	355
Indirect Purchases	6	7	6	6	6	6	6
Total:	530	506	423	392	374	366	361

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**334 Child day care services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1	1	1	0	0	0	0
Indirect Purchases	6	6	5	5	5	5	5
Total:	7	7	6	5	5	5	5

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**335 Performing arts**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	17	15	12	11	10	9	9
Indirect Purchases	1,232	1,208	1,038	950	887	870	867
Total:	1,249	1,224	1,050	960	896	879	876

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*Note: Numbers may not add due to rounding*

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**336 Museums, historical sites, zoos, and parks**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	9	8	6	5	4	4	4
Indirect Purchases	0	0	0	0	0	0	0
Total:	9	8	6	5	5	5	5

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**337 Spectator sports**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	2	1	1	1	1
Indirect Purchases	562	551	472	432	404	399	398
Total:	564	553	474	433	405	400	399

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**338 Amusements, gambling, & recreation activities**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	14	13	10	8	7	7	7
Indirect Purchases	300	295	256	237	224	218	217
Total:	315	309	266	245	231	225	224

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*Note: Numbers may not add due to rounding*

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**339 Hotels and other accommodations**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	5,899	5,647	4,871	4,473	4,151	4,156	4,168
Indirect Purchases	2,773	2,754	2,416	2,245	2,123	2,093	2,091
Total:	8,672	8,401	7,287	6,719	6,274	6,249	6,259

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**340 Food services and drinking places**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4,357	4,129	3,483	3,171	2,932	2,926	2,940
Indirect Purchases	6,257	6,147	5,353	4,946	4,635	4,539	4,523
Total:	10,614	10,275	8,836	8,116	7,567	7,464	7,463

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**341 Automotive repair, maintenance and car washes**

(Millions of 2011 dollars)

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	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,088	930	632	449	307	279	277
Indirect Purchases	1,956	1,920	1,632	1,484	1,379	1,339	1,327
Total:	3,044	2,850	2,264	1,933	1,686	1,618	1,605

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*Note: Numbers may not add due to rounding*

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**342 Electronic and precision equipment repair and maintenance**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,927	3,131	2,914	2,824	2,742	2,768	2,824
Indirect Purchases	1,034	1,021	887	817	765	746	739
Total:	3,962	4,152	3,801	3,641	3,507	3,513	3,563

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**343 Commercial and industrial machinery and equipment repair and maintenance**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	1,727	1,682	1,410	1,204	1,125	1,100	1,082
Indirect Purchases	1,832	1,805	1,542	1,407	1,307	1,267	1,254
Total:	3,559	3,486	2,953	2,611	2,432	2,367	2,336

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**344 Personal and household goods repair and maintenance**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	31	30	26	24	22	22	22
Indirect Purchases	856	832	698	631	582	568	564
Total:	887	861	724	655	604	590	586

Note: Numbers may not add due to rounding

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**345 Personal care services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	4	4	2	2	1	1	1
Indirect Purchases	2	2	2	2	2	2	2
Total:	6	6	4	3	3	3	3

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**346 Death care services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2	2	1	1	1	1	1
Indirect Purchases	1	1	1	1	1	1	1
Total:	3	3	2	2	2	2	2

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**347 Dry-cleaning and laundry services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	68	62	45	37	31	31	31
Indirect Purchases	357	338	299	280	270	255	257
Total:	425	400	344	317	301	286	289

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*Note: Numbers may not add due to rounding*

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**348 Other personal services**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	78	73	54	45	39	39	39
Indirect Purchases	314	312	272	251	235	230	228
Total:	392	384	326	296	274	269	267

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**349 Religious, grantmaking, civic & professional organizations**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	67	62	48	42	38	37	38
Indirect Purchases	1,360	1,342	1,168	1,080	1,013	984	976
Total:	1,427	1,404	1,216	1,122	1,050	1,022	1,014

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**351 Postal service**(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	2,760	2,670	2,281	2,000	1,731	1,734	1,744
Indirect Purchases	2,695	2,604	2,218	2,021	1,894	1,882	1,883
Total:	5,455	5,275	4,500	4,021	3,625	3,616	3,627

Note: Numbers may not add due to rounding

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**352 Other federal government enterprises**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	38	35	24	19	16	16	16
Indirect Purchases	85	83	71	65	61	60	60
Total:	123	117	96	85	77	76	76

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**353 Other state and local government enterprises**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Indirect Purchases	506	491	423	387	362	353	351
Total:	506	491	423	387	362	353	351

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**354 General Federal defense government services**

(Millions of 2011 dollars)

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	2009	2010	2011	2012	2013	2014	2015
<b>SUMMARY OF DEFENSE PURCHASES</b>							
Direct Purchases	171,331	178,895	168,042	173,057	190,960	197,830	200,527
Indirect Purchases	63	31	93	134	157	170	180
Total:	171,394	178,926	168,135	173,190	191,117	198,001	200,707

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*Note: Numbers may not add due to rounding*