

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

**Calendar Years 2007 Through 2010**



**October 2009**

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**Reader's Note**

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

- *IDEPPS*, a detailed interindustry model, which forecasts defense industry demands by 360 industries, broken out by major appropriation and procurement category for top 10 industries.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 97 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry. The occupational matrix used in *LDEPPS* comprises 100 occupational categories, chosen in a way that permits more detail to be provided on categories that are heavily employed either directly or indirectly by the Department of Defense.

Two input-output models feed *DEPPS*:

- *LIFT*, which stands for Long-term Interindustry Forecasting Tool, is a 97-sector input-output model embedded in a macroeconomic model. *LIFT* establishes the macroeconomic environment as well as industry controls.
- *ILIAD*, or the Interindustry Long-run Integrated and Dynamic model, uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 360 industries.

The Office of 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 and 2010. 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 presents actual industrial and regional patterns of defense expenditures for calendar years 2007 and 2008 and estimates of these patterns for calendar years 2009 and 2010.<sup>1</sup> 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 levels that are directly and indirectly related to defense expenditures.

The estimates of industrial and regional patterns of defense expenditures are based on the FY 2010 President's budget submission of February 2009, 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>2</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 enacted by Congress. The location of purchases will be determined not only by the level of defense spending, but also by the location of industries and by competition among firms within industries, both for prime contracts and for subcontracts.<sup>3</sup> The projections therefore serve as reference points; they describe the future pattern of defense and defense-related expenditures, *assuming current spending plans and existing state's participation in the various components of defense activity*.

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

- *IDEPPS*, a detailed interindustry model, which forecasts defense demands by 360 industries, broken out by major appropriation and procurement category.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 97 industries.
- *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>4</sup>

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<sup>1</sup> Normally, when the Department of Defense prepares a budget, it also publishes a Future Years Defense Program (FYDP) for the four or five years subsequent to the budget year. For the FY10 Budget, DoD did not publish a FYDP for the years FY11-15. As a result, this edition only forecasts 2009 to 2010.

<sup>2</sup> Available on <http://www.economics.osd.mil/>

<sup>3</sup> Data available on <http://www.usaspending.gov/>. We use the most recent three years average of prime contract award data.

<sup>4</sup> The Office of Program Analysis and Evaluation and Interindustry Forecasting at the University of Maryland (Inforum) developed *DEPPS*. *LIFT* and *Iliad* were developed by Inforum. *DEPPS*, *LIFT*, and *Iliad* are maintained by Inforum.

## Definitions and Coverage

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

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 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 shown in this report. All expenditure quantities are in constant (inflation-adjusted) 2010 dollars, by calendar year, for the 2007 through 2010 interval.

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

### Budget Concept Employed

The *DEPPS* projections are expressed in terms of outlays. Outlays represent disbursements of funds made during the course of a year. In contrast, budget authority is the amount of money that Congress authorizes DoD to obligate in any given year. Budget authority differs from outlays in 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>5</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>5</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. Funds from this account are used 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 2010. Approximately one third of defense purchases – 32 percent – are made from manufacturing industries, while only about one quarter of nondefense purchases – 24 percent – are made from the manufacturing sector. Services make up about 60 percent of defense final purchases but about 67 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 35 percent of projected defense indirect purchases and about 27 percent of nondefense indirect purchases. The services sector makes up about 59 percent of defense indirect purchases and about 62 percent of nondefense indirect purchases. The construction, agriculture and mining sector accounts for about 6 percent of defense indirect purchases and about 10 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 3 percent of projected total U.S. civilian employment in 2010. 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 17 percent of defense-related employment compared to only 12 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. 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 2010 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.
- Eight regions contain at least one state in which total projected defense expenditures are less than 75 percent of the national average.
- Intraregional variation (the difference between the lowest and highest state estimate within a region) is greater than the variation among regional averages (the difference between the lowest and highest regional estimate) in five of the nine regions.

The *DEPPS* projections describe the pattern of defense and defense-related expenditures, assuming that the geographic distribution of the various components of defense activity remains stable relative to recent years. Should this assumption fail, the actual course of completion of defense contracts would produce a future geographic pattern that differs from historical distributions.

#### **Differences between Industry (IDEPPS) and Regional (RDEPPS) Direct Spending Totals**

In projecting direct spending, *IDEPPS* and *RDEPPS* include many of the same spending categories such as operations and maintenance, procurement, and military construction. There are a few categories of spending, however, that are included in only one of the projections. This creates a disparity between the *IDEPPS* and *RDEPPS* projections of total direct spending. The *RDEPPS* direct spending total includes net retirement disbursements, defined as total disbursements of military retirement pay from the Military Retirement Fund (Functional Category 602 in the *Budget of the United States Government*) minus DoD's share of the government's annual payments into the Fund. The *IDEPPS* direct spending total excludes these net retirement disbursements, which in 2009 are about \$30 billion. The *IDEPPS* direct spending total includes direct pay to military, civilian, and retired personnel stationed or living outside the U.S. This category, which in 2009 is about \$17 billion, is excluded from the *RDEPPS* direct spending total. In sum, the *RDEPPS* direct spending total will exceed the *IDEPPS* direct spending total in 2009 by about \$13 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 *DEPPS* report, industries in the *DEPPS* 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.

**Table 1**  
**Composition of Defense and Nondefense DIRECT Purchases for 2010**

	<b>Direct Defense Purchases</b>	<b>Direct Nondefense Purchases</b>
<b>Manufacturing</b>	32%	24%
<b>Services</b>	60%	67%
<b>Construction, Agriculture and Mining</b>	8%	9%

**Table 2**  
**Composition of Defense and Nondefense INDIRECT Purchases for 2010**

	<b>Indirect Defense Purchases</b>	<b>Indirect Nondefense Purchases</b>
<b>Manufacturing</b>	35%	27%
<b>Services</b>	59%	62%
<b>Construction, Agriculture and Mining</b>	6%	10%

**Table 3**  
**Composition of Civilian Employment for 2010**  
 (this version was done with the 2006-2016 occupational matrix)

	<b>Defense-Related Employment</b>	<b>Nondefense-Related Employment</b>
<b>Installation, Maintenance, Repair and Production</b>	17%	12%
<b>Agricultural, Extraction, Construction and Transport</b>	14%	12%
<b>Engineers, Scientists and Technicians</b>	22%	20%
<b>Service and Sales Occupations</b>	16%	30%
<b>Management and Administrative</b>	32%	27%
<b>Other professional specialties</b>	6%	7%

**Table 4**  
**Estimated Defense Expenditures Per Capita, 2010**  
 (By State and Region, in 2010 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
<b>New England</b>	<b>14,739</b>	<b>337</b>	<b>1,910</b>	<b>2,248</b>	<b>823</b>	<b>3,071</b>
Connecticut	3,577	268	2,829	3,097	1,021	4,118
Maine	1,357	822	1,706	2,528	450	2,978
Massachusetts	6,649	215	1,921	2,136	945	3,082
New Hampshire	1,386	317	992	1,309	526	1,836
Rhode Island	1,117	777	620	1,397	488	1,885
Vermont	653	248	1,342	1,590	476	2,066
<b>Mid-Atlantic</b>	<b>41,046</b>	<b>220</b>	<b>740</b>	<b>959</b>	<b>639</b>	<b>1,599</b>
New Jersey	9,018	242	921	1,163	736	1,899
New York	19,444	170	532	703	575	1,278
Pennsylvania	12,584	279	930	1,210	670	1,879
<b>South Atlantic</b>	<b>59,792</b>	<b>1,035</b>	<b>1,722</b>	<b>2,757</b>	<b>919</b>	<b>3,676</b>
Delaware	884	598	323	920	922	1,842
District of Columbia	530	4,852	12,015	16,866	6,412	23,278
Florida	19,252	575	796	1,371	467	1,839
Georgia	9,589	905	926	1,832	981	2,813
Maryland	5,905	1,037	2,616	3,653	1,165	4,818
North Carolina	9,346	957	584	1,541	596	2,137
South Carolina	4,447	968	703	1,671	831	2,502
Virginia	8,010	2,397	5,931	8,328	1,909	10,237
West Virginia	1,829	266	299	565	485	1,050
<b>East North Central</b>	<b>47,041</b>	<b>248</b>	<b>534</b>	<b>782</b>	<b>652</b>	<b>1,433</b>
Illinois	12,917	307	399	706	646	1,351
Indiana	6,392	267	806	1,073	820	1,893
Michigan	10,429	160	441	601	485	1,086
Ohio	11,576	308	645	953	712	1,664
Wisconsin	5,727	132	481	612	657	1,270
<b>West North Central</b>	<b>20,350</b>	<b>417</b>	<b>948</b>	<b>1,365</b>	<b>644</b>	<b>2,009</b>
Iowa	3,010	179	512	691	569	1,259
Kansas	2,805	739	1,109	1,848	780	2,628
Minnesota	5,421	148	488	636	622	1,258
Missouri	5,922	463	1,686	2,149	698	2,846
Nebraska	1,769	681	542	1,223	546	1,770
North Dakota	637	1,023	648	1,671	552	2,223
South Dakota	786	613	799	1,412	488	1,900

Source : RDEPPS Calculations

**Table 4 (continued)**  
**Estimated Defense Expenditures Per Capita, 2010**  
 (By State and Region, in 2010 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
<b>East South Central</b>	<b>18,064</b>	<b>646</b>	<b>1,223</b>	<b>1,869</b>	<b>782</b>	<b>2,651</b>
Alabama	4,596	878	1,587	2,465	1,024	3,489
Kentucky	4,265	816	837	1,654	824	2,478
Mississippi	2,971	761	1,578	2,339	749	3,089
Tennessee	6,231	303	1,050	1,353	591	1,944
<b>West South Central</b>	<b>35,728</b>	<b>588</b>	<b>1,035</b>	<b>1,622</b>	<b>821</b>	<b>2,444</b>
Arkansas	2,875	474	421	895	583	1,478
Louisiana	4,613	499	781	1,280	1,020	2,299
Oklahoma	3,592	1,037	725	1,762	725	2,487
Texas	24,649	552	1,199	1,751	826	2,577
<b>Mountain</b>	<b>21,740</b>	<b>676</b>	<b>1,141</b>	<b>1,817</b>	<b>724</b>	<b>2,541</b>
Arizona	6,637	520	1,411	1,932	782	2,713
Colorado	4,832	843	1,646	2,489	861	3,350
Idaho	1,517	432	255	687	398	1,085
Montana	969	520	426	947	478	1,425
Nevada	2,691	533	581	1,114	461	1,575
New Mexico	1,980	972	985	1,957	774	2,731
Utah	2,595	872	1,149	2,021	800	2,821
Wyoming	520	745	352	1,098	915	2,013
<b>Pacific</b>	<b>50,435</b>	<b>634</b>	<b>1,163</b>	<b>1,797</b>	<b>732</b>	<b>2,529</b>
Alaska	694	2,780	4,309	7,089	2,222	9,311
California	38,067	471	1,191	1,661	711	2,373
Hawaii	1,341	3,342	2,486	5,828	893	6,722
Oregon	3,791	254	222	476	616	1,091
Washington	6,542	1,024	941	1,965	728	2,693
<b>United States</b>	<b>308,936</b>	<b>568</b>	<b>1,128</b>	<b>1,695</b>	<b>766</b>	<b>2,461</b>

Source : RDEPPS Calculations

**Table 5**  
**Sources of Projected Direct Defense Purchases**  
**Department of Defense**  
Rounded to Millions of 2010 dollars

	2007	Actual 2008	2009	2010
Military Personnel	141,882	143,306	135,430	140,623
Operations & Maintenance	236,189	251,736	240,922	207,250
Aircraft	28,666	33,217	38,090	35,442
Missiles	7,547	8,184	9,421	9,751
Weapons and Tracked Vehicles	15,772	19,032	18,392	14,991
Ships and Conversions	16,149	17,585	18,169	18,428
Ammunition	4,480	4,560	4,897	4,961
Other	36,274	43,119	48,224	41,823
Total Procurement	108,889	125,697	137,193	125,396
Research, Development, Test, Evaluation	77,000	77,635	78,803	78,446
Military Construction	9,202	13,938	20,790	22,827
Family Housing and Homeowners Asst Prog	3,604	3,599	3,468	3,336
Defense-Wide Contingencies	79	50	176	100
Revolving and Management Funds	2,306	4,145	2,111	2,999
Trust & Receipts	-1,794	-1,408	-1,043	-1,155
Deductions, Intragovernment Receipts	-178	-138	-126	-124
<b>Total Direct Defense Purchases</b>	<b>577,179</b>	<b>618,561</b>	<b>617,725</b>	<b>579,698</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 2010 dollars

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Military Personnel	21,922	23,773	23,239	23,568
Operations & Maintenance *	136,986	156,248	157,363	131,040
Aircraft	24,199	28,153	32,328	30,344
Missiles	4,533	5,014	5,856	6,072
Weapons and Tracked Vehicles	22,263	26,496	25,476	21,198
Ships and Conversions	10,919	12,285	12,672	12,251
Ammunition	4,175	4,242	4,576	4,666
Other	35,249	40,828	44,101	38,631
Total Procurement	101,338	117,019	125,009	113,162
Research, Development, Test, Evaluation	41,727	41,348	44,302	44,073
Military Construction	6,547	10,262	15,660	17,332
Family Housing	2,679	2,679	2,580	2,485
<b>Total Indirect Defense Purchases</b>	<b>311,201</b>	<b>351,329</b>	<b>368,153</b>	<b>331,661</b>

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

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

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

The summary tables provide an overview of estimated defense expenditures and employment. Table 7 presents estimates of total defense purchases from the 75 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 2010**  
(Millions of 2010 dollars)

Ind #	Supplying Industry	Actual			
		2007	2008	2009	2010
313	Scientific research and development	45,439	47,301	49,799	48,023
306	Architectural and engineering services	41,270	44,791	48,497	45,158
241	Aircraft	22,469	24,523	27,718	26,552
289	Telecommunications	20,271	22,946	24,544	21,876
297	Real estate	19,299	21,776	22,937	20,742
269	Wholesale trade	18,748	21,515	22,424	20,388
31	New non-residential building construction	12,722	16,552	20,521	19,936
274	Truck transportation	20,534	23,556	22,522	19,125
271	Air transportation	18,054	20,080	21,121	18,979
317	All other miscellaneous professional and technical services	12,369	13,746	14,290	12,908
88	Petroleum refineries	11,676	13,722	13,585	12,109
243	Other aircraft parts and equipment	10,300	11,456	12,573	11,779
36	Maintenance and repair of nonresidential buildings	10,203	12,193	13,302	11,627
311	Management consulting	11,755	13,310	13,446	11,477
332	Offices of physicians, dentists, and other health practioners	10,284	11,291	11,954	11,463
310	Other computer related services, including facilities management	9,867	11,032	11,635	10,575
295	Insurance	9,333	10,398	10,652	10,136
318	Management of companies and enterprises	9,398	10,649	11,149	10,029
247	Ship building and repairing	9,112	11,004	11,255	9,932
27	Electric Utilities	9,451	10,707	11,294	9,881
270	Retail trade	8,123	9,064	9,732	9,252
16	Crude oil and natural gas extraction	8,646	10,272	10,243	9,133
244	Guided missiles and space vehicles	6,195	7,199	8,624	8,942
248	Boat building	8,599	8,924	8,765	8,270
205	Broadcast and wireless communications equipment	6,783	7,621	8,714	8,086
277	Support activities for transportation and sightseeing	7,839	8,901	9,108	7,939
211	Search, detection, and navigation instruments	6,443	7,399	8,820	7,754
314	Advertising and related services	7,426	8,343	8,561	7,404
341	Food services & drinking places	6,715	7,518	7,755	6,864
209	All other electronic components	6,047	6,908	7,577	6,828
292	Banks, savings institutions, and credit unions	6,143	6,934	7,319	6,606
242	Aircraft engines and engine parts	6,005	6,512	7,141	6,541
273	Water transportation	7,142	8,187	7,761	6,504
340	Hotels and other accommodation	6,095	6,840	7,091	6,413
240	Motor vehicle parts	5,980	6,976	6,691	5,766
134	Primary ferrous metal products	5,537	6,240	6,472	5,693
304	Legal services	5,023	5,628	5,964	5,456
279	Warehousing and storage	5,614	6,479	6,273	5,405

Source: IDEPPS calculations

**Table 7**  
**Projected (Direct + Indirect) Defense Purchases from 75 Industries Leading in Defense Production in 2010**  
(Millions of 2010 dollars)

Ind #	Supplying Industry	Actual			
		2007	2008	2009	2010
321	Employment services	5,055	5,605	5,868	5,255
309	Computer systems design services	5,016	5,679	6,047	5,223
250	Military armored vehicles and tank parts	6,550	7,455	6,527	5,088
163	Ammunition	4,460	4,506	4,866	4,872
86	Printing	4,569	5,152	5,421	4,779
320	Facilities support services	5,343	6,003	5,914	4,571
299	Automotive equipment rental and leasing	4,278	4,972	5,180	4,473
208	Semiconductors and electron tubes	3,673	4,268	4,697	4,260
327	Waste management and remediation services	5,116	5,841	5,584	4,139
236	Heavy duty trucks	4,266	4,858	4,516	4,081
343	Electronic equipment repair & maintenance	3,719	4,121	4,389	3,981
334	Hospitals	3,428	3,747	4,022	3,969
325	Services to buildings and dwellings	3,882	4,322	4,488	3,938
156	Machine shops, screws, nuts, bolts, turned products	3,924	4,476	4,445	3,869
352	Postal service	3,688	4,116	4,379	3,867
136	Aluminum products	3,338	3,625	3,919	3,545
188	Other engine equipment manufacturing	3,485	3,858	3,807	3,538
308	Custom computer programming	3,627	4,011	4,128	3,496
333	Other ambulatory health care services	3,253	3,589	3,732	3,453
319	Office administrative services	3,284	3,657	3,814	3,384
293	Credit cards and finance companies	3,067	3,493	3,705	3,374
305	Accounting and bookkeeping	3,069	3,421	3,550	3,180
312	Environmental and other technical consulting services	3,112	3,483	3,599	3,132
307	Specialized design services	2,395	2,623	2,912	2,986
303	Lessors of nonfinancial intangible assets (royalties)	2,720	3,133	3,291	2,958
294	Securities, commodity contracts, investments	2,832	3,107	3,087	2,952
291	Data processing services	2,649	2,991	3,139	2,818
206	Other communications equipment	2,255	2,673	3,220	2,786
245	Propulsion units and parts for space vehicles and guided missiles	2,133	2,368	2,729	2,764
151	Architectural and structural metal products	2,333	2,727	2,983	2,722
272	Rail transportation	2,813	3,238	3,159	2,721
344	Commercial machinery repair & maintenance	2,709	3,162	3,293	2,717
326	Other support services	2,680	2,976	3,050	2,628
235	Automobiles and light trucks	2,891	3,506	3,212	2,586
323	Travel arrangement and reservation services	2,514	2,804	2,906	2,576
301	Machinery and equipment rental and leasing	2,422	2,782	2,890	2,553
354	Other state and local government enterprises (except electric utilities and transit)	2,369	2,715	2,866	2,531

Source: IDEPPS calculations

**Table 8**  
**Projected Defense and Defense-Related Employment by Occupational Category**  
(Thousands of Workers)  
Fiscal Year 2010 LDEPPS, with 2006-2016 Occupational Projections matrices

Occupational Category	Actual			
	2007	2008	2009	2010
Management, financial, and business operations	627	666	694	644
Computer and mathematical science occupations	146	159	168	152
Architectural and engineering occupations	266	278	292	272
Life, physical and social science occupations	81	84	88	83
Healthcare practioners and technical occupations	161	172	180	170
Other professional specialties	236	250	259	237
Service occupations	426	465	479	424
Sales and related occupations	231	254	266	241
Office and administrative support occupations	704	763	791	718
Farming, fishing, and forestry occupations	9	11	11	10
Construction and extraction occupations	181	210	235	216
Installation, maintenance, and repair occupations	212	227	235	216
Production occupations	481	518	548	480
Transportation and material moving occupations	364	407	409	355
<b>Total All Categories</b>	<b>4,125</b>	<b>4,463</b>	<b>4,655</b>	<b>4,218</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)

	Actual			
	2007	2008	2009	2010
<b>Computer and mathematical science occupations</b>				
Computer specialists	137.6	149.9	159.3	142.9
Mathematical science occupations	8.5	8.8	9.0	8.6
Total	<b>146.0</b>	<b>158.7</b>	<b>168.3</b>	<b>151.5</b>
<b>Architectural and engineering occupations</b>				
Architects, surveyors, and cartographers	23.5	24.9	26.4	24.6
Aerospace engineers	22.1	22.9	24.6	22.0
Chemical engineers	2.2	2.3	2.3	2.2
Civil engineers	25.1	26.3	27.5	26.0
Electrical and electronics engineers	36.9	38.3	40.0	37.6
Industrial engineers, incl health and safety	18.9	19.9	21.1	19.1
Mechanical engineers	25.2	26.3	27.6	25.6
Materials engineers	2.2	2.3	2.5	2.3
All other engineers	36.4	38.0	39.6	37.1
Drafters, engineering, and mapping technicians	73.0	76.7	80.6	75.1
Total	<b>265.7</b>	<b>277.9</b>	<b>292.2</b>	<b>271.8</b>
<b>Life, physical and social science occupations</b>				
Life scientists	13.7	14.4	15.0	14.2
Chemists and materials scientists	5.7	6.0	6.3	5.9
Environmental scientists and geoscientists	7.3	7.8	8.2	7.6
Astronomers, physicists, atmospheric & space scientists	3.5	3.6	3.7	3.6
All other physical scientists	2.7	2.7	2.8	2.7
Social scientists and related occupations	31.1	32.6	33.9	31.9
Life, physical, and social science technicians	16.5	17.4	18.2	17.0
Total	80.6	84.4	88.1	82.9
<b>Total Computer, Engineers, and Scientists</b>	<b>492.3</b>	<b>521.0</b>	<b>548.6</b>	<b>506.2</b>

Source: LDEPPS calculations

Note: Numbers may not add to totals due to rounding

**Table 10**  
**Projections of Total Direct Expenditures, by State**  
(Millions of 2010 dollars)

State	Actual			
	2007	2008	2009	2010
Alabama	15,789	16,507	16,248	15,316
Alaska	4,932	5,468	5,440	5,234
Arizona	18,401	19,845	20,839	19,829
Arkansas	3,291	3,396	3,379	3,165
California	68,074	72,490	73,893	69,852
Colorado	11,892	12,747	12,887	12,252
Connecticut	11,618	12,601	13,387	12,642
Delaware	1,109	1,164	1,129	1,090
District of Columbia	8,541	9,518	9,105	8,320
Florida	29,524	31,440	31,551	29,267
Georgia	18,997	20,624	20,143	19,235
Hawaii	8,351	9,378	8,769	8,512
Idaho	1,214	1,279	1,256	1,218
Illinois	12,315	12,749	12,476	11,491
Indiana	8,952	9,691	9,444	8,490
Iowa	2,224	2,361	2,467	2,260
Kansas	5,214	5,829	5,857	5,672
Kentucky	14,371	15,673	16,005	15,253
Louisiana	6,838	7,466	7,351	6,750
Maine	3,310	3,280	3,193	3,038
Maryland	20,808	22,587	22,383	20,666
Massachusetts	15,723	16,721	17,651	16,586
Michigan	7,643	8,329	8,115	7,085
Minnesota	4,127	4,364	4,550	4,215
Mississippi	9,517	10,217	10,260	9,590
Missouri	13,758	14,498	15,197	14,484
Montana	1,005	1,051	1,033	996
Nebraska	3,121	3,258	3,178	3,009
Nevada	3,956	4,298	4,319	4,057
New Hampshire	1,957	2,105	2,244	2,036
New Jersey	12,042	13,207	13,420	12,492
New Mexico	4,190	4,214	4,078	3,903
New York	16,868	18,278	18,963	17,764
North Carolina	14,271	14,618	14,070	13,696
North Dakota	1,228	1,277	1,248	1,230
Ohio	13,222	14,093	13,842	12,960
Oklahoma	7,069	7,488	7,014	6,689
Oregon	2,791	2,913	2,836	2,581
Pennsylvania	15,473	16,677	16,395	15,050
Rhode Island	1,581	1,509	1,419	1,341
South Carolina	8,627	8,709	8,429	7,865
South Dakota	1,130	1,175	1,186	1,162
Tennessee	8,151	8,724	8,829	8,034
Texas	49,991	55,180	56,038	53,344
Utah	6,067	6,073	5,996	5,694
Vermont	1,082	1,179	1,316	1,219
Virginia	65,818	71,323	70,360	64,673
Washington	13,567	14,482	14,060	13,656
West Virginia	1,135	1,145	1,152	1,087
Wisconsin	5,063	5,567	5,543	5,017
Wyoming	814	854	830	796
<b>U.S. Total</b>	<b>586,757</b>	<b>629,615</b>	<b>630,773</b>	<b>591,866</b>

Source: RDEPPS Calculations

**Table 11**  
**Projections of Total Direct Procurement & RDT&E Expenditures, by State**  
(Millions of 2010 Dollar)

State	Actual			
	2007	2008	2009	2010
Alabama	7,129	7,399	7,673	7,512
Alaska	264	281	269	252
Arizona	6,476	7,110	7,943	7,597
Arkansas	442	466	497	463
California	26,969	29,069	31,452	30,293
Colorado	3,033	3,246	3,519	3,411
Connecticut	8,794	9,688	10,491	9,944
Delaware	76	80	76	73
District of Columbia	1,344	1,467	1,539	1,484
Florida	6,203	6,869	7,556	7,042
Georgia	3,024	3,488	3,738	3,536
Hawaii	502	580	505	481
Idaho	65	74	70	62
Illinois	3,023	3,388	3,301	2,861
Indiana	4,804	5,529	5,444	4,863
Iowa	829	934	1,050	957
Kansas	1,206	1,334	1,462	1,398
Kentucky	1,117	1,152	1,284	1,211
Louisiana	1,272	1,484	1,408	1,229
Maine	1,413	1,489	1,524	1,433
Maryland	5,995	6,603	7,154	6,779
Massachusetts	9,930	10,514	11,551	11,157
Michigan	3,132	3,686	3,608	2,932
Minnesota	1,115	1,180	1,325	1,244
Mississippi	5,570	6,233	6,276	5,745
Missouri	7,836	8,403	9,289	8,946
Montana	78	86	83	75
Nebraska	276	302	286	263
Nevada	366	409	436	400
New Hampshire	874	975	1,136	1,044
New Jersey	4,547	4,988	5,457	5,262
New Mexico	818	842	865	847
New York	6,173	6,724	7,409	6,915
North Carolina	735	812	774	708
North Dakota	58	64	56	51
Ohio	4,338	4,729	4,889	4,643
Oklahoma	627	738	699	655
Oregon	683	758	734	666
Pennsylvania	6,189	6,856	6,930	6,302
Rhode Island	275	300	308	291
South Carolina	1,561	1,742	1,695	1,483
South Dakota	71	79	79	73
Tennessee	1,612	1,715	1,741	1,653
Texas	20,826	22,717	24,533	23,260
Utah	2,008	2,193	2,392	2,337
Vermont	712	795	940	872
Virginia	16,517	18,263	19,003	17,955
Washington	2,852	3,112	3,240	3,118
West Virginia	192	203	207	197
Wisconsin	1,887	2,129	2,050	1,825
Wyoming	47	53	47	42
<b>U.S. Total</b>	<b>185,889</b>	<b>203,333</b>	<b>215,996</b>	<b>203,842</b>

Source: RDEPPS Calculations

**Table 12**  
**Projections of Total Direct Expenditures, Excluding Procurement and RDT&E, by State**  
(Millions of 2010 dollars)

State	Actual			
	2007	2008	2009	2010
Alabama	8,660	9,108	8,575	7,805
Alaska	4,669	5,187	5,171	4,982
Arizona	11,925	12,734	12,896	12,232
Arkansas	2,848	2,930	2,882	2,702
California	41,106	43,421	42,442	39,559
Colorado	8,859	9,501	9,369	8,841
Connecticut	2,823	2,913	2,896	2,698
Delaware	1,033	1,084	1,052	1,017
District of Columbia	7,197	8,051	7,566	6,836
Florida	23,321	24,571	23,995	22,225
Georgia	15,973	17,135	16,404	15,699
Hawaii	7,849	8,798	8,264	8,031
Idaho	1,149	1,205	1,186	1,156
Illinois	9,292	9,361	9,175	8,630
Indiana	4,148	4,162	4,000	3,627
Iowa	1,395	1,426	1,417	1,304
Kansas	4,007	4,495	4,395	4,274
Kentucky	13,254	14,521	14,721	14,042
Louisiana	5,566	5,982	5,943	5,521
Maine	1,897	1,790	1,669	1,605
Maryland	14,813	15,984	15,229	13,887
Massachusetts	5,793	6,207	6,099	5,430
Michigan	4,511	4,642	4,506	4,153
Minnesota	3,012	3,184	3,225	2,971
Mississippi	3,947	3,983	3,984	3,845
Missouri	5,922	6,095	5,908	5,537
Montana	927	965	950	921
Nebraska	2,845	2,955	2,891	2,747
Nevada	3,591	3,889	3,882	3,657
New Hampshire	1,083	1,130	1,109	992
New Jersey	7,495	8,218	7,964	7,230
New Mexico	3,372	3,372	3,213	3,056
New York	10,695	11,554	11,554	10,849
North Carolina	13,536	13,806	13,296	12,988
North Dakota	1,170	1,213	1,192	1,179
Ohio	8,884	9,364	8,952	8,317
Oklahoma	6,442	6,750	6,315	6,033
Oregon	2,108	2,155	2,102	1,915
Pennsylvania	9,283	9,821	9,465	8,747
Rhode Island	1,305	1,208	1,111	1,049
South Carolina	7,067	6,966	6,734	6,382
South Dakota	1,059	1,096	1,107	1,088
Tennessee	6,539	7,009	7,088	6,381
Texas	29,165	32,463	31,505	30,084
Utah	4,059	3,880	3,603	3,358
Vermont	370	385	377	347
Virginia	49,301	53,059	51,357	46,719
Washington	10,715	11,371	10,819	10,538
West Virginia	942	941	944	890
Wisconsin	3,177	3,439	3,493	3,192
Wyoming	767	801	783	754
<b>U.S. Total</b>	<b>400,867</b>	<b>426,283</b>	<b>414,777</b>	<b>388,023</b>

Source: RDEPPS Calculations

**Table 13**  
**Projections of Indirect Defense Purchases Resulting from Direct Purchases, by State**  
(Millions of 2010 dollars)

State	Actual			
	2007	2008	2009	2010
Alabama	6,698	7,448	7,782	7,133
Alaska	1,806	2,074	2,147	1,913
Arizona	4,717	5,367	5,731	5,231
Arkansas	2,012	2,263	2,375	2,135
California	31,896	36,029	37,926	34,419
Colorado	4,802	5,450	5,732	5,158
Connecticut	3,918	4,407	4,675	4,317
Delaware	1,055	1,190	1,245	1,132
District of Columbia	2,843	3,227	3,365	2,951
Florida	11,596	13,097	13,771	12,410
Georgia	7,692	8,693	9,091	8,173
Hawaii	1,473	1,656	1,724	1,534
Idaho	707	814	866	786
Illinois	10,591	11,926	12,503	11,275
Indiana	6,875	7,691	8,041	7,243
Iowa	2,193	2,468	2,594	2,355
Kansas	2,389	2,714	2,871	2,620
Kentucky	4,061	4,556	4,759	4,253
Louisiana	5,961	6,824	7,073	6,270
Maine	734	833	882	804
Maryland	6,589	7,433	7,809	6,988
Massachusetts	7,229	8,112	8,629	7,955
Michigan	7,551	8,768	9,237	8,007
Minnesota	4,249	4,809	5,064	4,581
Mississippi	1,879	2,125	2,240	2,025
Missouri	5,261	5,877	6,193	5,666
Montana	488	551	582	528
Nebraska	1,251	1,412	1,475	1,326
Nevada	1,593	1,794	1,880	1,688
New Hampshire	958	1,086	1,150	1,045
New Jersey	8,282	9,357	9,867	8,943
New Mexico	1,666	1,927	2,024	1,826
New York	14,106	15,909	16,699	15,089
North Carolina	6,603	7,463	7,838	7,062
North Dakota	399	452	473	425
Ohio	10,585	11,898	12,500	11,280
Oklahoma	2,848	3,260	3,406	3,048
Oregon	2,847	3,274	3,484	3,155
Pennsylvania	10,675	12,005	12,662	11,447
Rhode Island	735	832	873	784
South Carolina	3,721	4,170	4,319	3,838
South Dakota	458	517	545	493
Tennessee	4,666	5,265	5,530	5,000
Texas	25,390	29,021	30,423	27,309
Utah	2,392	2,712	2,895	2,634
Vermont	371	424	452	412
Virginia	14,965	16,915	17,719	15,768
Washington	5,441	6,142	6,477	5,881
West Virginia	1,054	1,186	1,250	1,123
Wisconsin	5,004	5,668	5,986	5,399
Wyoming	564	656	682	609
<b>U.S. Total</b>	<b>273,839</b>	<b>309,746</b>	<b>325,513</b>	<b>293,450</b>

Source: RDEPPS Calculations

**Table 14**  
**Projections of Induced Defense Purchases Resulting from Direct Pay, by State**  
(Millions of 2010 dollars)

State	Actual			
	2007	2008	2009	2010
Alabama	2,259	2,283	1,902	1,983
Alaska	922	915	768	801
Arizona	2,084	1,949	1,627	1,695
Arkansas	986	911	760	791
California	13,052	12,479	10,417	10,855
Colorado	2,412	2,334	1,958	2,041
Connecticut	1,090	994	829	866
Delaware	452	429	361	378
District of Columbia	1,065	1,241	1,043	1,088
Florida	6,401	6,071	5,081	5,297
Georgia	5,024	4,996	4,181	4,358
Hawaii	1,867	2,031	1,704	1,777
Idaho	465	441	368	383
Illinois	3,733	3,385	2,824	2,946
Indiana	2,007	1,830	1,490	1,559
Iowa	788	724	601	626
Kansas	1,277	1,291	1,080	1,126
Kentucky	2,093	2,008	1,665	1,736
Louisiana	1,682	1,552	1,311	1,367
Maine	563	527	440	459
Maryland	2,983	3,120	2,615	2,727
Massachusetts	1,759	1,652	1,377	1,437
Michigan	2,637	2,369	1,895	1,984
Minnesota	1,263	1,166	971	1,012
Mississippi	1,175	1,066	889	927
Missouri	2,012	1,840	1,528	1,593
Montana	298	278	233	243
Nebraska	793	738	616	642
Nevada	919	873	731	762
New Hampshire	369	340	282	294
New Jersey	2,653	2,671	2,234	2,331
New Mexico	971	901	754	785
New York	5,620	5,363	4,494	4,699
North Carolina	5,444	5,067	4,233	4,411
North Dakota	368	340	284	296
Ohio	3,449	3,340	2,747	2,868
Oklahoma	1,813	1,837	1,537	1,603
Oregon	914	848	703	730
Pennsylvania	3,345	3,309	2,764	2,882
Rhode Island	455	424	354	370
South Carolina	2,137	1,897	1,580	1,648
South Dakota	334	306	256	267
Tennessee	1,901	1,779	1,470	1,533
Texas	9,533	9,532	7,988	8,327
Utah	1,161	1,078	900	939
Vermont	154	144	120	125
Virginia	8,143	8,331	6,984	7,281
Washington	3,509	3,503	2,931	3,055
West Virginia	351	318	265	276
Wisconsin	1,213	1,129	934	973
Wyoming	224	210	176	183
<b>U.S. Total</b>	<b>118,123</b>	<b>114,160</b>	<b>95,257</b>	<b>99,334</b>

Source: RDEPPS Calculations

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

The tables in this section show projected direct and indirect defense purchases from 75 manufacturing industries (although IDEPPS, the detailed interindustry model, forecasts defense demands by 360 industries, only the top 75 are presented in this section and all of 360 industry summary is in the appendix sorted by the industry number). 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 2010. The lower portion of each table displays the purchasing sectors for the indirect sales of the subject industry. The first column of both tables reflects actual numbers for calendar years 2007 and 2008.

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 program such as operations and maintenance or aircraft procurement.

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	43,147	44,703	47,058	45,548
Indirect Purchases	2,292	2,598	2,741	2,475
<b>Total :</b>	<b>45,439</b>	<b>47,301</b>	<b>49,799</b>	<b>48,023</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	83	94	103	92
Aircraft Parts	193	220	241	222
Ammunition	22	22	24	24
Communication Equipment	259	305	360	320
Missiles	79	93	114	120
Motor Vehicles	147	169	160	141
Shipbuilding	137	166	170	151
Tanks	149	174	144	109
Other Electronic Equipment	25	28	32	30
Other Ordinances	15	15	20	18
Other	1,182	1,311	1,373	1,248
<b>Total :</b>	<b>2,292</b>	<b>2,598</b>	<b>2,741</b>	<b>2,475</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>				
Military Personnel	69	76	74	75
Operations & Maintenance *	4,282	4,839	4,734	3,657
Aircraft	573	655	742	649
Missiles	676	773	927	929
Weapons and Tracked Vehicles	255	314	307	250
Shipbuilding	300	383	387	345
Ammunition	128	122	127	117
Other	1,691	2,154	2,671	2,214
<b>Total Procurement</b>	<b>3,624</b>	<b>4,401</b>	<b>5,161</b>	<b>4,504</b>
RDT&E	37,384	37,876	39,709	39,647
Military Construction	73	102	114	133
Family Housing	7	7	6	6
<b>Total :</b>	<b>45,439</b>	<b>47,301</b>	<b>49,799</b>	<b>48,023</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	35,125	37,789	40,867	38,191
Indirect Purchases	6,145	7,002	7,630	6,967
<b>Total :</b>	<b>41,270</b>	<b>44,791</b>	<b>48,497</b>	<b>45,158</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	58	64	70	62
Aircraft Parts	91	103	112	102
Ammunition	35	34	37	37
Communication Equipment	185	216	253	223
Missiles	41	48	58	60
Motor Vehicles	135	154	144	126
Shipbuilding	105	126	128	112
Tanks	73	85	70	52
Other Electronic Equipment	20	23	26	24
Other Ordinances	21	19	27	23
Other	5,382	6,130	6,706	6,144
<b>Total :</b>	<b>6,145</b>	<b>7,002</b>	<b>7,630</b>	<b>6,967</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
	<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>			
Military Personnel	174	187	182	183
Operations & Maintenance *	15,345	17,129	17,186	14,194
Aircraft	2,020	2,473	3,053	2,962
Missiles	1,758	1,604	1,615	1,668
Weapons and Tracked Vehicles	598	721	707	533
Shipbuilding	5,915	5,743	5,759	6,630
Ammunition	73	70	72	65
Other	2,992	4,077	5,378	4,373
Total Procurement	13,355	14,687	16,583	16,231
RDT&E	10,992	10,748	11,613	11,360
Military Construction	1,161	1,791	2,689	2,969
Family Housing	243	248	245	222
<b>Total :</b>	<b>41,270</b>	<b>44,791</b>	<b>48,497</b>	<b>45,158</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**

**241 Aircraft**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	22,180	24,203	27,374	26,236
Indirect Purchases	289	320	344	316
<b>Total :</b>	<b>22,469</b>	<b>24,523</b>	<b>27,718</b>	<b>26,552</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	37	42	46	41
Aircraft Parts	51	58	63	58
Ammunition	0	0	0	0
Communication Equipment	1	1	1	1
Missiles	0	0	0	0
Motor Vehicles	1	1	1	1
Shipbuilding	0	1	1	1
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	198	217	231	214
<b>Total :</b>	<b>289</b>	<b>320</b>	<b>344</b>	<b>316</b>

*Note: numbers may not add due to rounding*

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

**241 Aircraft**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
	<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>			
Military Personnel	39	42	41	42
Operations & Maintenance *	658	750	753	618
Aircraft	13,995	16,473	18,961	17,990
Missiles	25	31	35	27
Weapons and Tracked Vehicles	3	5	7	6
Shipbuilding	1	1	1	1
Ammunition	3	3	3	2
Other	197	217	236	240
Total Procurement	14,224	16,730	19,242	18,267
RDT&E	7,543	6,995	7,675	7,617
Military Construction	5	6	7	8
Family Housing	0	0	0	0
<b>Total :</b>	<b>22,469</b>	<b>24,523</b>	<b>27,718</b>	<b>26,552</b>

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	10,906	12,318	13,251	11,699
Indirect Purchases	9,365	10,628	11,293	10,177
<b>Total :</b>	<b>20,271</b>	<b>22,946</b>	<b>24,544</b>	<b>21,876</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	45	51	57	52
Aircraft Parts	79	92	102	95
Ammunition	45	46	50	51
Communication Equipment	196	234	280	251
Missiles	36	43	53	57
Motor Vehicles	133	155	149	132
Shipbuilding	87	107	111	99
Tanks	70	83	70	53
Other Electronic Equipment	22	25	29	27
Other Ordinances	31	30	43	38
Other	8,621	9,762	10,349	9,322
<b>Total :</b>	<b>9,365</b>	<b>10,628</b>	<b>11,293</b>	<b>10,177</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>				
Military Personnel	484	533	526	540
Operations & Maintenance *	14,868	16,884	17,900	15,518
Aircraft	398	468	544	508
Missiles	165	183	222	252
Weapons and Tracked Vehicles	212	261	258	210
Shipbuilding	196	213	225	239
Ammunition	46	47	50	51
Other	2,251	2,582	2,805	2,506
Total Procurement	3,268	3,754	4,105	3,765
RDT&E	1,260	1,280	1,375	1,374
Military Construction	187	298	441	488
Family Housing	204	197	197	191
<b>Total :</b>	<b>20,271</b>	<b>22,946</b>	<b>24,544</b>	<b>21,876</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

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**Table 5a Projected Defense Purchases of****297 Real estate**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,433	5,066	5,383	4,764
Indirect Purchases	14,865	16,710	17,554	15,978
<b>Total :</b>	<b>19,299</b>	<b>21,776</b>	<b>22,937</b>	<b>20,742</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	66	75	83	75
Aircraft Parts	167	192	212	197
Ammunition	98	99	108	109
Communication Equipment	354	419	502	448
Missiles	56	67	83	89
Motor Vehicles	220	256	244	216
Shipbuilding	178	217	225	200
Tanks	231	272	226	173
Other Electronic Equipment	34	39	46	42
Other Ordinances	59	56	79	70
Other	13,403	15,019	15,747	14,360
<b>Total :</b>	<b>14,866</b>	<b>16,711</b>	<b>17,554</b>	<b>15,979</b>

*Note: numbers may not add due to rounding*

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

**297 Real estate**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>				
Military Personnel	1,054	1,153	1,135	1,159
Operations & Maintenance *	11,161	12,687	12,973	11,033
Aircraft	664	780	907	850
Missiles	197	212	246	263
Weapons and Tracked Vehicles	436	540	523	417
Shipbuilding	416	448	467	490
Ammunition	97	99	108	109
Other	1,116	1,376	1,504	1,288
Total Procurement	2,927	3,456	3,755	3,418
RDT&E	2,733	2,760	2,947	2,948
Military Construction	451	762	1,172	1,273
Family Housing	973	958	955	910
<b>Total :</b>	<b>19,299</b>	<b>21,776</b>	<b>22,937</b>	<b>20,742</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  
269 Wholesale trade**  
(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,042	4,845	4,861	4,615
Indirect Purchases	14,706	16,671	17,563	15,773
<b>Total :</b>	<b>18,748</b>	<b>21,515</b>	<b>22,424</b>	<b>20,388</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	169	190	209	188
Aircraft Parts	376	427	468	432
Ammunition	358	359	389	389
Communication Equipment	926	1,085	1,284	1,144
Missiles	104	123	150	159
Motor Vehicles	1,006	1,156	1,092	957
Shipbuilding	479	579	595	525
Tanks	405	473	391	297
Other Electronic Equipment	121	137	157	143
Other Ordinances	147	137	196	171
Other	10,614	12,005	12,633	11,368
<b>Total :</b>	<b>14,707</b>	<b>16,671</b>	<b>17,563</b>	<b>15,773</b>

*Note: numbers may not add due to rounding*

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

**269 Wholesale trade**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
	<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>			
Military Personnel	970	1,050	1,026	1,042
Operations & Maintenance *	9,102	10,623	10,518	9,200
Aircraft	1,467	1,704	1,952	1,834
Missiles	211	237	278	285
Weapons and Tracked Vehicles	1,410	1,665	1,609	1,346
Shipbuilding	524	602	620	580
Ammunition	300	305	329	337
Other	2,399	2,800	3,118	2,716
Total Procurement	6,310	7,312	7,906	7,097
RDT&E	1,831	1,792	1,930	1,915
Military Construction	383	589	891	992
Family Housing	151	150	152	141
<b>Total :</b>	<b>18,748</b>	<b>21,515</b>	<b>22,424</b>	<b>20,388</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  
31 New non-residential building construction**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	12,714	16,544	20,510	19,930
Indirect Purchases	8	8	11	7
<b>Total :</b>	<b>12,722</b>	<b>16,552</b>	<b>20,521</b>	<b>19,936</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Other	8	8	11	7
<b>Total :</b>	<b>8</b>	<b>8</b>	<b>11</b>	<b>7</b>

**Table 7b Sources of Projected Defense Purchases**  
**31 New non-residential building construction**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>				
Operations & Maintenance *	7,055	8,014	8,122	6,608
Missiles	0	1	1	1
Weapons and Tracked Vehicles	0	0	0	0
Shipbuilding	0	0	0	0
Other	71	161	159	113
Total Procurement	71	162	160	114
RDT&E	150	144	159	151
Military Construction	4,261	7,014	10,868	11,968
Family Housing	1,184	1,218	1,212	1,095
<b>Total :</b>	<b>12,722</b>	<b>16,552</b>	<b>20,521</b>	<b>19,936</b>

Direct plus indirect purchases.

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

*Note: Numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	14,186	16,393	15,272	12,752
Indirect Purchases	6,347	7,164	7,250	6,372
<b>Total :</b>	<b>20,534</b>	<b>23,556</b>	<b>22,522</b>	<b>19,125</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	42	46	51	45
Aircraft Parts	168	188	205	188
Ammunition	260	259	278	276
Communication Equipment	94	109	129	114
Missiles	32	38	46	48
Motor Vehicles	357	404	380	335
Shipbuilding	189	226	230	202
Tanks	83	95	78	59
Other Electronic Equipment	14	16	18	17
Other Ordinances	60	55	78	68
Other	5,049	5,727	5,757	5,022
<b>Total :</b>	<b>6,347</b>	<b>7,164</b>	<b>7,250</b>	<b>6,372</b>

*Note: numbers may not add due to rounding*

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

**274 Truck transportation**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
	<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>			
Military Personnel	6,765	7,389	7,136	7,135
Operations & Maintenance *	8,782	10,094	9,726	7,224
Aircraft	337	387	440	406
Missiles	55	60	69	73
Weapons and Tracked Vehicles	441	511	490	416
Shipbuilding	206	233	233	213
Ammunition	199	202	219	226
Other	3,058	3,921	3,299	2,504
Total Procurement	4,297	5,314	4,751	3,837
RDT&E	473	461	491	482
Military Construction	149	230	350	386
Family Housing	68	68	68	61
<b>Total :</b>	<b>20,534</b>	<b>23,556</b>	<b>22,522</b>	<b>19,125</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  
271 Air transportation**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	15,504	17,214	18,069	16,220
Indirect Purchases	2,549	2,866	3,053	2,759
<b>Total :</b>	<b>18,054</b>	<b>20,080</b>	<b>21,121</b>	<b>18,979</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	40	45	49	44
Aircraft Parts	38	43	48	44
Ammunition	24	25	27	27
Communication Equipment	76	89	106	94
Missiles	18	22	26	28
Motor Vehicles	85	98	92	81
Shipbuilding	43	52	54	48
Tanks	34	40	33	25
Other Electronic Equipment	9	10	12	11
Other Ordinances	14	14	19	17
Other	2,166	2,427	2,587	2,342
<b>Total :</b>	<b>2,549</b>	<b>2,866</b>	<b>3,053</b>	<b>2,759</b>

*Note: numbers may not add due to rounding*

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

**271 Air transportation**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>				
Military Personnel	4,282	4,611	4,518	4,633
Operations & Maintenance *	12,072	13,545	14,509	12,392
Aircraft	537	631	721	669
Missiles	40	43	49	52
Weapons and Tracked Vehicles	138	162	161	133
Shipbuilding	83	90	92	94
Ammunition	22	22	24	25
Other	292	373	381	316
Total Procurement	1,112	1,321	1,429	1,289
RDT&E	527	522	558	551
Military Construction	34	53	81	90
Family Housing	26	26	26	24
<b>Total :</b>	<b>18,054</b>	<b>20,080</b>	<b>21,121</b>	<b>18,979</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  
317 All other miscellaneous professional and technical services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6,807	7,410	7,483	6,623
Indirect Purchases	5,562	6,336	6,806	6,285
<b>Total :</b>	<b>12,369</b>	<b>13,746</b>	<b>14,290</b>	<b>12,908</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	94	108	121	111
Aircraft Parts	151	176	197	184
Ammunition	97	100	111	112
Communication Equipment	302	364	440	396
Missiles	65	79	99	106
Motor Vehicles	267	317	304	269
Shipbuilding	192	239	250	224
Tanks	145	174	146	113
Other Electronic Equipment	34	39	46	43
Other Ordinances	63	61	87	77
Other	4,152	4,679	5,007	4,650
<b>Total :</b>	<b>5,563</b>	<b>6,336</b>	<b>6,806</b>	<b>6,285</b>

*Note: numbers may not add due to rounding*

**Table 10b Sources of Projected Defense Purchases**  
**317 All other miscellaneous professional and technical services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY</b>				
Military Personnel	185	205	205	213
Operations & Maintenance *	5,213	5,970	5,878	4,632
Aircraft	458	545	639	614
Missiles	142	161	193	208
Weapons and Tracked Vehicles	403	494	481	403
Shipbuilding	267	307	321	318
Ammunition	89	93	102	105
Other	809	967	1,123	994
Total Procurement	2,169	2,567	2,858	2,642
RDT&E	4,697	4,857	5,142	5,193
Military Construction	75	116	176	199
Family Housing	31	31	31	30
<b>Total :</b>	<b>12,369</b>	<b>13,746</b>	<b>14,290</b>	<b>12,908</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**

**88 Petroleum refineries**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	144	714	317	487
Indirect Purchases	11,532	13,009	13,269	11,623
<b>Total :</b>	<b>11,676</b>	<b>13,722</b>	<b>13,585</b>	<b>12,109</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	38	42	46	41
Aircraft Parts	211	238	258	236
Ammunition	89	88	95	94
Communication Equipment	99	115	136	120
Missiles	77	89	108	113
Motor Vehicles	210	240	225	196
Shipbuilding	139	165	169	148
Tanks	75	85	70	53
Other Electronic Equipment	17	18	21	19
Other Ordinances	45	42	58	50
Other	10,533	11,885	12,082	10,552
<b>Total :</b>	<b>11,533</b>	<b>13,009</b>	<b>13,269</b>	<b>11,623</b>

*Note: numbers may not add due to rounding*

**Table 12 Projected Defense Purchases of  
243 Other aircraft parts and equipment**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7,837	8,935	9,775	9,020
Indirect Purchases	2,463	2,521	2,797	2,759
<b>Total :</b>	<b>10,300</b>	<b>11,456</b>	<b>12,573</b>	<b>11,779</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	5	6	7	6
Aircraft Parts	288	323	352	313
Ammunition	0	0	0	0
Communication Equipment	1	1	1	1
Missiles	0	0	0	0
Motor Vehicles	1	1	1	1
Shipbuilding	1	1	1	1
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	2,167	2,188	2,434	2,436
<b>Total :</b>	<b>2,463</b>	<b>2,521</b>	<b>2,797</b>	<b>2,759</b>

*Note: numbers may not add due to rounding*

**Table 13 Projected Defense Purchases of  
36 Maintenance and repair of nonresidential buildings**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,022	9,776	10,780	9,359
Indirect Purchases	2,181	2,417	2,521	2,267
<b>Total :</b>	<b>10,203</b>	<b>12,193</b>	<b>13,302</b>	<b>11,627</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	24	27	29	26
Aircraft Parts	51	57	62	57
Ammunition	16	16	17	17
Communication Equipment	65	76	89	78
Missiles	17	20	24	25
Motor Vehicles	46	52	49	43
Shipbuilding	50	60	61	53
Tanks	44	50	41	31
Other Electronic Equipment	7	8	10	9
Other Ordinances	10	9	12	11
Other	1,852	2,042	2,127	1,917
<b>Total :</b>	<b>2,181</b>	<b>2,417</b>	<b>2,521</b>	<b>2,267</b>

*Note: numbers may not add due to rounding*

**Table 14 Projected Defense Purchases of  
311 Management consulting**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7,572	8,547	8,400	6,859
Indirect Purchases	4,184	4,763	5,046	4,618
<b>Total :</b>	<b>11,755</b>	<b>13,310</b>	<b>13,446</b>	<b>11,477</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	25	29	33	30
Aircraft Parts	49	57	64	60
Ammunition	35	36	39	40
Communication Equipment	84	102	124	112
Missiles	18	22	28	30
Motor Vehicles	87	103	99	89
Shipbuilding	58	72	76	69
Tanks	46	55	47	36
Other Electronic Equipment	11	12	15	14
Other Ordinances	21	20	29	26
Other	3,749	4,254	4,492	4,112
<b>Total :</b>	<b>4,184</b>	<b>4,763</b>	<b>5,046</b>	<b>4,618</b>

*Note: numbers may not add due to rounding*

**Table 15 Projected Defense Purchases of  
332 Offices of physicians, dentists, and other health practioners**  
(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	10,277	11,286	11,948	11,459
Indirect Purchases	7	6	6	4
<b>Total :</b>	<b>10,284</b>	<b>11,291</b>	<b>11,954</b>	<b>11,463</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Other	7	6	6	4
<b>Total :</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>4</b>

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,409	9,368	9,869	8,965
Indirect Purchases	1,457	1,664	1,766	1,610
<b>Total :</b>	<b>9,867</b>	<b>11,032</b>	<b>11,635</b>	<b>10,575</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	6	6	7	7
Aircraft Parts	17	20	23	21
Ammunition	8	9	9	10
Communication Equipment	39	47	57	52
Missiles	12	14	18	19
Motor Vehicles	22	26	25	22
Shipbuilding	21	26	27	24
Tanks	13	16	14	11
Other Electronic Equipment	4	4	5	5
Other Ordinances	6	6	9	8
Other	1,308	1,489	1,572	1,432
<b>Total :</b>	<b>1,457</b>	<b>1,664</b>	<b>1,766</b>	<b>1,610</b>

*Note: numbers may not add due to rounding*

**Table 17 Projected Defense Purchases of**

**295 Insurance**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,661	3,996	4,098	4,080
Indirect Purchases	5,672	6,402	6,553	6,056
<b>Total :</b>	<b>9,333</b>	<b>10,398</b>	<b>10,652</b>	<b>10,136</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	11	13	14	13
Aircraft Parts	34	39	43	40
Ammunition	30	30	33	33
Communication Equipment	53	63	75	67
Missiles	10	11	14	15
Motor Vehicles	81	93	88	78
Shipbuilding	41	50	52	46
Tanks	28	33	27	21
Other Electronic Equipment	6	7	8	7
Other Ordinances	14	14	19	17
Other	5,365	6,050	6,182	5,723
<b>Total :</b>	<b>5,674</b>	<b>6,404</b>	<b>6,555</b>	<b>6,058</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	9,397	10,648	11,148	10,028
<b>Total :</b>	<b>9,398</b>	<b>10,649</b>	<b>11,149</b>	<b>10,029</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	193	217	238	214
Aircraft Parts	508	578	633	583
Ammunition	146	147	159	159
Communication Equipment	737	867	1,030	909
Missiles	133	157	192	202
Motor Vehicles	461	530	502	441
Shipbuilding	396	479	491	433
Tanks	435	506	418	317
Other Electronic Equipment	75	85	97	89
Other Ordinances	117	111	153	134
Other	6,195	6,969	7,237	6,547
<b>Total :</b>	<b>9,397</b>	<b>10,648</b>	<b>11,148</b>	<b>10,028</b>

*Note: numbers may not add due to rounding*

**Table 19 Projected Defense Purchases of  
247 Ship building and repairing**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,947	10,815	11,073	9,779
Indirect Purchases	165	189	182	153
<b>Total :</b>	<b>9,112</b>	<b>11,004</b>	<b>11,255</b>	<b>9,932</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	0	0	0	0
Ammunition	0	0	0	0
Communication Equipment	0	0	0	0
Missiles	0	0	0	0
Motor Vehicles	0	0	0	0
Shipbuilding	29	33	34	28
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	136	156	148	124
<b>Total :</b>	<b>165</b>	<b>189</b>	<b>182</b>	<b>153</b>

*Note: numbers may not add due to rounding*

**Table 20 Projected Defense Purchases of**

**27 Electric Utilities**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,525	5,193	5,533	4,765
Indirect Purchases	4,926	5,514	5,762	5,116
<b>Total :</b>	<b>9,451</b>	<b>10,707</b>	<b>11,294</b>	<b>9,881</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	49	54	59	53
Aircraft Parts	112	125	136	125
Ammunition	66	65	70	70
Communication Equipment	140	164	194	170
Missiles	29	33	41	43
Motor Vehicles	127	144	136	119
Shipbuilding	126	151	154	135
Tanks	112	129	106	80
Other Electronic Equipment	20	22	25	23
Other Ordinances	49	46	64	55
Other	4,096	4,579	4,777	4,245
<b>Total :</b>	<b>4,926</b>	<b>5,514</b>	<b>5,762</b>	<b>5,116</b>

*Note: numbers may not add due to rounding*

**Table 21 Projected Defense Purchases of**

**270 Retail trade**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6,017	6,599	7,050	6,827
Indirect Purchases	2,106	2,466	2,682	2,425
<b>Total :</b>	<b>8,123</b>	<b>9,064</b>	<b>9,732</b>	<b>9,252</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	6	6	7	6
Aircraft Parts	13	14	16	15
Ammunition	11	12	12	12
Communication Equipment	22	26	31	27
Missiles	4	4	5	6
Motor Vehicles	25	29	27	23
Shipbuilding	17	20	21	19
Tanks	10	12	10	7
Other Electronic Equipment	3	3	3	3
Other Ordinances	4	4	5	5
Other	1,993	2,336	2,545	2,302
<b>Total :</b>	<b>2,106</b>	<b>2,466</b>	<b>2,682</b>	<b>2,425</b>

*Note: numbers may not add due to rounding*

**Table 22 Projected Defense Purchases of  
16 Crude oil and natural gas extraction**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	23	54	33	38
Indirect Purchases	8,624	10,218	10,210	9,095
<b>Total :</b>	<b>8,646</b>	<b>10,272</b>	<b>10,243</b>	<b>9,133</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	32	35	39	35
Aircraft Parts	150	170	186	170
Ammunition	72	72	78	78
Communication Equipment	87	103	122	108
Missiles	54	64	78	81
Motor Vehicles	166	190	180	157
Shipbuilding	114	138	141	124
Tanks	65	75	62	47
Other Electronic Equipment	15	17	19	17
Other Ordinances	41	39	54	47
Other	7,828	9,314	9,251	8,233
<b>Total :</b>	<b>8,624</b>	<b>10,218</b>	<b>10,210</b>	<b>9,095</b>

*Note: numbers may not add due to rounding*

**Table 23 Projected Defense Purchases of  
244 Guided missiles and space vehicles**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,482	6,427	7,768	8,088
Indirect Purchases	713	772	856	855
<b>Total :</b>	<b>6,195</b>	<b>7,199</b>	<b>8,624</b>	<b>8,942</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	1	1	1	1
Aircraft Parts	2	2	3	2
Ammunition	0	0	0	0
Communication Equipment	3	3	4	3
Missiles	217	256	312	330
Motor Vehicles	2	2	2	1
Shipbuilding	1	2	2	2
Tanks	2	2	2	1
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	485	504	531	514
<b>Total :</b>	<b>713</b>	<b>772</b>	<b>856</b>	<b>855</b>

**Table 24 Projected Defense Purchases of**

**248 Boat building**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,510	8,830	8,673	8,187
Indirect Purchases	88	94	92	83
<b>Total :</b>	<b>8,599</b>	<b>8,924</b>	<b>8,765</b>	<b>8,270</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	0	0	0	0
Ammunition	0	0	0	0
Communication Equipment	0	0	0	0
Missiles	0	0	0	0
Motor Vehicles	0	0	0	0
Shipbuilding	10	12	12	11
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	78	81	80	72
<b>Total :</b>	<b>88</b>	<b>94</b>	<b>92</b>	<b>83</b>

*Note: numbers may not add due to rounding*

**Table 25 Projected Defense Purchases of  
205 Broadcast and wireless communications equipment**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,000	5,622	6,453	5,984
Indirect Purchases	1,784	1,999	2,260	2,103
<b>Total :</b>	<b>6,783</b>	<b>7,621</b>	<b>8,714</b>	<b>8,086</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	16	18	20	18
Aircraft Parts	3	4	4	4
Ammunition	163	165	178	178
Communication Equipment	1,100	1,267	1,461	1,330
Missiles	13	16	19	20
Motor Vehicles	2	3	2	2
Shipbuilding	42	50	52	46
Tanks	4	6	5	4
Other Electronic Equipment	32	36	41	38
Other Ordinances	1	1	1	1
Other	408	434	477	463
<b>Total :</b>	<b>1,784</b>	<b>1,999</b>	<b>2,260</b>	<b>2,103</b>

*Note: numbers may not add due to rounding*

**Table 26 Projected Defense Purchases of  
277 Support activities for transportation and sightseeing**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,408	2,657	2,839	2,465
Indirect Purchases	5,431	6,244	6,269	5,474
<b>Total :</b>	<b>7,839</b>	<b>8,901</b>	<b>9,108</b>	<b>7,939</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	8	9	10	9
Aircraft Parts	28	32	35	33
Ammunition	20	20	22	22
Communication Equipment	28	33	39	36
Missiles	8	9	12	12
Motor Vehicles	43	50	48	42
Shipbuilding	30	36	38	34
Tanks	15	17	14	11
Other Electronic Equipment	4	4	5	5
Other Ordinances	7	7	9	8
Other	5,241	6,026	6,036	5,261
<b>Total :</b>	<b>5,431</b>	<b>6,244</b>	<b>6,269</b>	<b>5,474</b>

*Note: numbers may not add due to rounding*

**Table 27 Projected Defense Purchases of  
211 Search, detection, and navigation instruments**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,406	6,347	7,649	6,578
Indirect Purchases	1,037	1,053	1,171	1,176
<b>Total :</b>	<b>6,443</b>	<b>7,399</b>	<b>8,820</b>	<b>7,754</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	2	3	3	3
Aircraft Parts	3	4	4	4
Ammunition	40	40	43	43
Communication Equipment	5	5	6	4
Missiles	43	51	63	66
Motor Vehicles	0	0	0	0
Shipbuilding	6	7	8	7
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	937	942	1,043	1,049
<b>Total :</b>	<b>1,037</b>	<b>1,053</b>	<b>1,171</b>	<b>1,176</b>

*Note: numbers may not add due to rounding*

**Table 28 Projected Defense Purchases of  
314 Advertising and related services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,301	1,480	1,393	1,001
Indirect Purchases	6,125	6,862	7,169	6,404
<b>Total :</b>	<b>7,426</b>	<b>8,343</b>	<b>8,561</b>	<b>7,404</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	41	45	50	44
Aircraft Parts	88	100	109	100
Ammunition	108	108	116	116
Communication Equipment	190	223	263	233
Missiles	27	32	39	41
Motor Vehicles	119	137	129	113
Shipbuilding	88	106	108	95
Tanks	83	96	79	60
Other Electronic Equipment	21	24	27	25
Other Ordinances	48	45	64	55
Other	5,313	5,947	6,186	5,523
<b>Total :</b>	<b>6,126</b>	<b>6,862</b>	<b>7,169</b>	<b>6,404</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,389	3,804	3,865	3,370
Indirect Purchases	3,326	3,715	3,890	3,494
<b>Total :</b>	<b>6,715</b>	<b>7,518</b>	<b>7,755</b>	<b>6,864</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	24	27	29	26
Aircraft Parts	41	46	51	47
Ammunition	29	29	31	31
Communication Equipment	80	95	112	100
Missiles	16	19	23	24
Motor Vehicles	64	74	70	62
Shipbuilding	52	62	64	57
Tanks	30	35	29	22
Other Electronic Equipment	9	10	11	10
Other Ordinances	19	18	25	22
Other	2,964	3,301	3,444	3,093
<b>Total :</b>	<b>3,326</b>	<b>3,715</b>	<b>3,890</b>	<b>3,494</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,327	1,474	1,670	1,523
Indirect Purchases	4,721	5,434	5,907	5,305
<b>Total :</b>	<b>6,047</b>	<b>6,908</b>	<b>7,577</b>	<b>6,828</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	30	34	38	34
Aircraft Parts	91	106	117	109
Ammunition	38	38	42	43
Communication Equipment	1,209	1,429	1,703	1,527
Missiles	13	15	19	21
Motor Vehicles	111	131	125	110
Shipbuilding	69	85	88	79
Tanks	416	493	411	315
Other Electronic Equipment	183	207	235	214
Other Ordinances	21	20	28	25
Other	2,542	2,875	3,101	2,830
<b>Total :</b>	<b>4,721</b>	<b>5,434</b>	<b>5,907</b>	<b>5,305</b>

*Note: numbers may not add due to rounding*

**Table 31 Projected Defense Purchases of  
292 Banks, savings institutions, and credit unions**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	6,143	6,934	7,319	6,606
<b>Total :</b>	<b>6,143</b>	<b>6,934</b>	<b>7,319</b>	<b>6,606</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	63	71	78	70
Aircraft Parts	115	131	144	133
Ammunition	71	71	77	77
Communication Equipment	222	261	310	276
Missiles	45	53	65	69
Motor Vehicles	214	247	233	205
Shipbuilding	137	166	170	151
Tanks	103	120	100	76
Other Electronic Equipment	25	29	33	30
Other Ordinances	48	46	64	56
Other	5,100	5,739	6,045	5,464
<b>Total :</b>	<b>6,143</b>	<b>6,934</b>	<b>7,319</b>	<b>6,606</b>

*Note: numbers may not add due to rounding*

**Table 32 Projected Defense Purchases of  
242 Aircraft engines and engine parts**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,167	4,521	4,946	4,444
Indirect Purchases	1,838	1,992	2,195	2,097
<b>Total :</b>	<b>6,005</b>	<b>6,512</b>	<b>7,141</b>	<b>6,541</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	728	820	897	805
Aircraft Parts	4	5	5	5
Ammunition	0	0	0	0
Communication Equipment	1	1	1	1
Missiles	0	0	0	0
Motor Vehicles	1	1	1	1
Shipbuilding	0	1	1	1
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	1,103	1,163	1,289	1,283
<b>Total :</b>	<b>1,838</b>	<b>1,991</b>	<b>2,195</b>	<b>2,097</b>

*Note: numbers may not add due to rounding*

**Table 33 Projected Defense Purchases of  
273 Water transportation**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6,920	7,936	7,500	6,276
Indirect Purchases	222	251	261	228
<b>Total :</b>	<b>7,142</b>	<b>8,187</b>	<b>7,761</b>	<b>6,504</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	1	1	1	1
Aircraft Parts	4	4	5	4
Ammunition	3	3	3	3
Communication Equipment	3	3	4	3
Missiles	1	1	2	2
Motor Vehicles	7	8	8	7
Shipbuilding	5	6	6	6
Tanks	5	5	5	3
Other Electronic Equipment	0	0	1	1
Other Ordinances	1	1	1	1
Other	192	218	226	197
<b>Total :</b>	<b>222</b>	<b>251</b>	<b>261</b>	<b>228</b>

*Note: numbers may not add due to rounding*

**Table 34 Projected Defense Purchases of  
340 Hotels and other accommodation**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,572	5,130	5,281	4,779
Indirect Purchases	1,523	1,710	1,811	1,634
<b>Total :</b>	<b>6,095</b>	<b>6,840</b>	<b>7,091</b>	<b>6,413</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	13	15	16	15
Aircraft Parts	22	25	27	25
Ammunition	18	18	19	19
Communication Equipment	45	53	63	56
Missiles	9	11	13	14
Motor Vehicles	39	45	43	38
Shipbuilding	28	34	35	31
Tanks	22	26	21	16
Other Electronic Equipment	5	6	7	6
Other Ordinances	11	11	15	13
Other	1,310	1,468	1,552	1,402
<b>Total :</b>	<b>1,523</b>	<b>1,710</b>	<b>1,811</b>	<b>1,634</b>

*Note: numbers may not add due to rounding*

**Table 35 Projected Defense Purchases of  
240 Motor vehicle parts**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	759	911	863	722
Indirect Purchases	5,221	6,065	5,827	5,044
<b>Total :</b>	<b>5,980</b>	<b>6,976</b>	<b>6,691</b>	<b>5,766</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	13	15	17	15
Aircraft Parts	17	19	21	19
Ammunition	13	13	14	14
Communication Equipment	39	45	54	48
Missiles	4	5	6	7
Motor Vehicles	3,251	3,814	3,553	3,054
Shipbuilding	86	104	108	95
Tanks	15	18	15	11
Other Electronic Equipment	7	8	9	8
Other Ordinances	5	5	7	6
Other	1,770	2,019	2,024	1,765
<b>Total :</b>	<b>5,221</b>	<b>6,065</b>	<b>5,827</b>	<b>5,044</b>

*Note: numbers may not add due to rounding*

**Table 36 Projected Defense Purchases of  
134 Primary ferrous metal products**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	82	98	98	81
Indirect Purchases	5,456	6,142	6,374	5,613
<b>Total :</b>	<b>5,537</b>	<b>6,240</b>	<b>6,472</b>	<b>5,693</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	121	133	146	130
Aircraft Parts	151	166	181	166
Ammunition	133	129	139	138
Communication Equipment	226	261	308	271
Missiles	49	57	69	72
Motor Vehicles	715	803	765	669
Shipbuilding	767	914	932	816
Tanks	446	510	418	314
Other Electronic Equipment	30	34	39	35
Other Ordinances	175	159	230	198
Other	2,642	2,976	3,146	2,804
<b>Total :</b>	<b>5,455</b>	<b>6,141</b>	<b>6,374</b>	<b>5,612</b>

*Note: numbers may not add due to rounding*

**Table 37 Projected Defense Purchases of**

**304 Legal services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	36	40	41	36
Indirect Purchases	4,987	5,588	5,923	5,419
<b>Total :</b>	<b>5,023</b>	<b>5,628</b>	<b>5,964</b>	<b>5,456</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	29	33	37	33
Aircraft Parts	61	70	77	71
Ammunition	62	63	68	69
Communication Equipment	194	232	279	247
Missiles	27	32	39	42
Motor Vehicles	83	97	92	82
Shipbuilding	73	89	92	81
Tanks	56	66	55	42
Other Electronic Equipment	24	28	32	29
Other Ordinances	56	53	75	66
Other	4,323	4,827	5,077	4,657
<b>Total :</b>	<b>4,987</b>	<b>5,588</b>	<b>5,923</b>	<b>5,419</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,670	4,251	3,969	3,335
Indirect Purchases	1,943	2,227	2,304	2,070
<b>Total :</b>	<b>5,614</b>	<b>6,479</b>	<b>6,273</b>	<b>5,405</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	47	54	59	53
Aircraft Parts	116	134	147	137
Ammunition	23	24	26	26
Communication Equipment	120	142	170	151
Missiles	31	37	45	48
Motor Vehicles	102	119	113	100
Shipbuilding	89	108	111	99
Tanks	89	105	87	67
Other Electronic Equipment	14	16	18	17
Other Ordinances	13	12	17	15
Other	1,300	1,477	1,510	1,358
<b>Total :</b>	<b>1,944</b>	<b>2,227</b>	<b>2,304</b>	<b>2,070</b>

*Note: numbers may not add due to rounding*

**Table 39 Projected Defense Purchases of  
321 Employment services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	323	361	361	284
Indirect Purchases	4,732	5,244	5,507	4,971
<b>Total :</b>	<b>5,055</b>	<b>5,605</b>	<b>5,868</b>	<b>5,255</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	17	19	21	19
Aircraft Parts	31	36	39	36
Ammunition	29	29	32	32
Communication Equipment	63	74	89	79
Missiles	12	14	18	19
Motor Vehicles	55	64	60	53
Shipbuilding	39	47	48	43
Tanks	32	38	31	24
Other Electronic Equipment	7	8	9	9
Other Ordinances	19	18	25	22
Other	4,428	4,897	5,134	4,636
<b>Total :</b>	<b>4,733</b>	<b>5,244</b>	<b>5,507</b>	<b>4,971</b>

*Note: numbers may not add due to rounding*

**Table 40 Projected Defense Purchases of  
309 Computer systems design services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,244	4,809	5,132	4,396
Indirect Purchases	772	870	916	827
<b>Total :</b>	<b>5,016</b>	<b>5,679</b>	<b>6,047</b>	<b>5,223</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	4	5	5	5
Aircraft Parts	11	13	14	13
Ammunition	5	5	5	5
Communication Equipment	34	41	48	43
Missiles	9	11	13	14
Motor Vehicles	12	14	13	12
Shipbuilding	19	23	24	21
Tanks	12	15	12	9
Other Electronic Equipment	5	6	7	6
Other Ordinances	5	4	6	6
Other	656	734	767	694
<b>Total :</b>	<b>772</b>	<b>870</b>	<b>916</b>	<b>827</b>

*Note: numbers may not add due to rounding*

**Table 41 Projected Defense Purchases of  
250 Military armored vehicles and tank parts**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
	<b>SUMMARY OF DEFENSE PURCHASES</b>			
Direct Purchases	6,550	7,455	6,527	5,088
<b>Total :</b>	<b>6,550</b>	<b>7,455</b>	<b>6,527</b>	<b>5,088</b>

*Note: numbers may not add due to rounding*

**Table 42 Projected Defense Purchases of**

**163 Ammunition**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,349	4,395	4,745	4,753
Indirect Purchases	111	111	120	119
<b>Total :</b>	<b>4,460</b>	<b>4,506</b>	<b>4,866</b>	<b>4,872</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	0	0	0	0
Ammunition	111	111	120	119
Communication Equipment	0	0	0	0
Missiles	0	0	0	0
Motor Vehicles	0	0	0	0
Shipbuilding	0	0	0	0
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	0	0	0	0
<b>Total :</b>	<b>111</b>	<b>111</b>	<b>120</b>	<b>119</b>

**Table 43 Projected Defense Purchases of**

**86 Printing**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,468	2,886	3,138	2,799
Indirect Purchases	2,102	2,266	2,283	1,981
<b>Total :</b>	<b>4,569</b>	<b>5,152</b>	<b>5,421</b>	<b>4,779</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	9	10	11	9
Aircraft Parts	20	22	24	21
Ammunition	17	17	18	17
Communication Equipment	41	46	53	46
Missiles	6	7	9	9
Motor Vehicles	30	33	31	26
Shipbuilding	24	28	28	24
Tanks	19	21	17	13
Other Electronic Equipment	4	5	5	5
Other Ordinances	9	8	11	9
Other	1,922	2,067	2,077	1,801
<b>Total :</b>	<b>2,102</b>	<b>2,266</b>	<b>2,283</b>	<b>1,981</b>

*Note: numbers may not add due to rounding*

**Table 44 Projected Defense Purchases of  
320 Facilities support services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,179	5,822	5,723	4,400
Indirect Purchases	164	181	191	172
<b>Total :</b>	<b>5,343</b>	<b>6,003</b>	<b>5,914</b>	<b>4,571</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	1	0
Aircraft Parts	1	1	1	1
Ammunition	1	1	1	1
Communication Equipment	2	2	3	2
Missiles	0	0	1	1
Motor Vehicles	2	2	2	2
Shipbuilding	1	1	1	1
Tanks	1	1	1	1
Other Electronic Equipment	0	0	0	0
Other Ordinances	1	1	1	1
Other	155	171	180	162
<b>Total :</b>	<b>164</b>	<b>181</b>	<b>191</b>	<b>172</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,191	2,632	2,762	2,312
Indirect Purchases	2,087	2,341	2,418	2,162
<b>Total :</b>	<b>4,278</b>	<b>4,972</b>	<b>5,180</b>	<b>4,473</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	20	22	24	22
Aircraft Parts	35	40	43	40
Ammunition	20	20	22	22
Communication Equipment	56	66	78	69
Missiles	11	13	16	17
Motor Vehicles	44	50	47	42
Shipbuilding	40	48	49	43
Tanks	30	35	28	22
Other Electronic Equipment	7	8	9	8
Other Ordinances	11	10	14	12
Other	1,814	2,029	2,086	1,865
<b>Total :</b>	<b>2,087</b>	<b>2,341</b>	<b>2,418</b>	<b>2,162</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	120	136	160	152
Indirect Purchases	3,553	4,132	4,537	4,108
<b>Total :</b>	<b>3,673</b>	<b>4,268</b>	<b>4,697</b>	<b>4,260</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	23	27	29	27
Aircraft Parts	65	76	84	79
Ammunition	33	33	37	37
Communication Equipment	1,039	1,227	1,460	1,322
Missiles	80	96	118	126
Motor Vehicles	141	166	160	140
Shipbuilding	55	68	71	63
Tanks	282	337	282	217
Other Electronic Equipment	167	191	219	202
Other Ordinances	16	16	23	20
Other	1,652	1,895	2,054	1,874
<b>Total :</b>	<b>3,553</b>	<b>4,132</b>	<b>4,537</b>	<b>4,108</b>

*Note: numbers may not add due to rounding*

**Table 47 Projected Defense Purchases of  
327 Waste management and remediation services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,476	3,984	3,724	2,603
Indirect Purchases	1,640	1,857	1,860	1,536
<b>Total :</b>	<b>5,116</b>	<b>5,841</b>	<b>5,584</b>	<b>4,139</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	10	11	12	11
Aircraft Parts	29	33	36	33
Ammunition	13	12	13	13
Communication Equipment	27	32	38	34
Missiles	7	8	10	10
Motor Vehicles	33	38	35	31
Shipbuilding	61	73	75	65
Tanks	29	34	28	21
Other Electronic Equipment	4	5	6	5
Other Ordinances	10	9	13	11
Other	1,416	1,601	1,594	1,301
<b>Total :</b>	<b>1,640</b>	<b>1,857</b>	<b>1,860</b>	<b>1,536</b>

**Table 48 Projected Defense Purchases of  
236 Heavy duty trucks**  
(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,196	4,776	4,439	4,019
Indirect Purchases	70	83	76	62
<b>Total :</b>	<b>4,266</b>	<b>4,858</b>	<b>4,516</b>	<b>4,081</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	0	0	0	0
Ammunition	0	0	0	0
Communication Equipment	0	0	0	0
Missiles	0	0	0	0
Motor Vehicles	60	71	65	53
Shipbuilding	0	0	0	0
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	10	12	11	9
<b>Total :</b>	<b>70</b>	<b>83</b>	<b>76</b>	<b>62</b>

*Note: numbers may not add due to rounding*

**Table 49 Projected Defense Purchases of  
343 Electronic equipment repair & maintenance**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,525	2,802	3,037	2,803
Indirect Purchases	1,194	1,319	1,352	1,178
<b>Total :</b>	<b>3,719</b>	<b>4,121</b>	<b>4,389</b>	<b>3,981</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	14	15	16	14
Aircraft Parts	27	30	32	29
Ammunition	9	8	9	9
Communication Equipment	33	38	45	39
Missiles	6	7	9	9
Motor Vehicles	35	39	36	31
Shipbuilding	33	38	39	33
Tanks	29	33	27	20
Other Electronic Equipment	5	6	7	6
Other Ordinances	7	6	9	8
Other	997	1,098	1,124	980
<b>Total :</b>	<b>1,195</b>	<b>1,319</b>	<b>1,352</b>	<b>1,178</b>

*Note: numbers may not add due to rounding*

**Table 50 Projected Defense Purchases of  
334 Hospitals**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,426	3,745	4,020	3,967
Indirect Purchases	2	2	2	1
<b>Total :</b>	<b>3,428</b>	<b>3,747</b>	<b>4,022</b>	<b>3,969</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Other	2	2	2	1
<b>Total :</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>

**Table 51 Projected Defense Purchases of  
325 Services to buildings and dwellings**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,329	1,481	1,501	1,238
Indirect Purchases	2,553	2,842	2,988	2,700
<b>Total :</b>	<b>3,882</b>	<b>4,322</b>	<b>4,488</b>	<b>3,938</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	10	11	12	11
Aircraft Parts	20	23	25	23
Ammunition	17	18	19	19
Communication Equipment	37	44	52	46
Missiles	7	8	10	11
Motor Vehicles	32	38	35	31
Shipbuilding	23	28	29	26
Tanks	21	25	20	15
Other Electronic Equipment	4	5	6	5
Other Ordinances	10	9	13	12
Other	2,371	2,634	2,765	2,501
<b>Total :</b>	<b>2,553</b>	<b>2,842</b>	<b>2,988</b>	<b>2,700</b>

*Note: numbers may not add due to rounding*

**Table 52 Projected Defense Purchases of  
156 Machine shops, screws, nuts, bolts, turned products**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	151	192	182	169
Indirect Purchases	3,773	4,283	4,263	3,700
<b>Total :</b>	<b>3,924</b>	<b>4,476</b>	<b>4,445</b>	<b>3,869</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	31	34	37	33
Aircraft Parts	159	179	195	178
Ammunition	77	76	82	82
Communication Equipment	124	145	171	150
Missiles	123	144	174	183
Motor Vehicles	216	247	232	200
Shipbuilding	338	406	413	362
Tanks	1,109	1,278	1,048	790
Other Electronic Equipment	15	17	19	17
Other Ordinances	64	59	84	72
Other	1,518	1,699	1,807	1,632
<b>Total :</b>	<b>3,773</b>	<b>4,283</b>	<b>4,263</b>	<b>3,700</b>

*Note: numbers may not add due to rounding*

**Table 53 Projected Defense Purchases of**

**352 Postal service**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,971	2,251	2,460	2,163
Indirect Purchases	1,716	1,865	1,919	1,705
<b>Total :</b>	<b>3,688</b>	<b>4,116</b>	<b>4,379</b>	<b>3,867</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	7	8	8	7
Aircraft Parts	16	17	19	17
Ammunition	8	8	9	8
Communication Equipment	43	49	57	49
Missiles	4	5	6	6
Motor Vehicles	25	28	26	22
Shipbuilding	16	19	19	16
Tanks	11	13	10	8
Other Electronic Equipment	3	3	4	3
Other Ordinances	5	4	6	5
Other	1,579	1,712	1,756	1,562
<b>Total :</b>	<b>1,716</b>	<b>1,865</b>	<b>1,919</b>	<b>1,705</b>

**Table 54 Projected Defense Purchases of  
136 Aluminum products**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	314	303	425	358
Indirect Purchases	3,023	3,322	3,494	3,187
<b>Total :</b>	<b>3,338</b>	<b>3,625</b>	<b>3,919</b>	<b>3,545</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	14	16	17	16
Aircraft Parts	299	338	371	343
Ammunition	64	63	68	69
Communication Equipment	75	87	102	92
Missiles	9	10	12	13
Motor Vehicles	457	506	488	455
Shipbuilding	74	88	91	80
Tanks	273	316	261	199
Other Electronic Equipment	8	9	11	10
Other Ordinances	20	18	26	23
Other	1,731	1,871	2,046	1,888
<b>Total :</b>	<b>3,023</b>	<b>3,322</b>	<b>3,494</b>	<b>3,187</b>

*Note: numbers may not add due to rounding*

**Table 55 Projected Defense Purchases of  
188 Other engine equipment manufacturing**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	244	281	275	237
Indirect Purchases	3,241	3,576	3,532	3,302
<b>Total :</b>	<b>3,485</b>	<b>3,858</b>	<b>3,807</b>	<b>3,538</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	1	1	1	1
Aircraft Parts	2	2	2	2
Ammunition	1	1	1	1
Communication Equipment	2	3	4	3
Missiles	0	0	1	1
Motor Vehicles	944	1,096	1,036	948
Shipbuilding	145	178	186	167
Tanks	11	13	11	8
Other Electronic Equipment	0	0	0	0
Other Ordinances	1	1	1	1
Other	2,134	2,282	2,290	2,169
<b>Total :</b>	<b>3,241</b>	<b>3,576</b>	<b>3,532</b>	<b>3,302</b>

*Note: numbers may not add due to rounding*

**Table 56 Projected Defense Purchases of  
308 Custom computer programming**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,999	3,351	3,371	2,796
Indirect Purchases	628	660	757	700
<b>Total :</b>	<b>3,627</b>	<b>4,011</b>	<b>4,128</b>	<b>3,496</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	14	16	17	15
Aircraft Parts	17	19	21	19
Ammunition	195	197	212	213
Communication Equipment	73	86	102	90
Missiles	1	2	2	2
Motor Vehicles	3	3	3	3
Shipbuilding	3	3	3	3
Tanks	6	7	6	4
Other Electronic Equipment	3	4	4	4
Other Ordinances	129	122	171	149
Other	184	202	216	198
<b>Total :</b>	<b>628</b>	<b>660</b>	<b>757</b>	<b>700</b>

*Note: numbers may not add due to rounding*

**Table 57 Projected Defense Purchases of  
333 Other ambulatory health care services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,839	3,132	3,257	3,011
Indirect Purchases	414	457	476	442
<b>Total :</b>	<b>3,253</b>	<b>3,589</b>	<b>3,732</b>	<b>3,453</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	0	0	0	0
Ammunition	0	0	0	0
Communication Equipment	0	0	0	0
Missiles	0	0	0	0
Motor Vehicles	1	1	1	0
Shipbuilding	0	0	0	0
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	412	454	473	440
<b>Total :</b>	<b>414</b>	<b>457</b>	<b>476</b>	<b>442</b>

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*Note: numbers may not add due to rounding*

**Table 58 Projected Defense Purchases of  
319 Office administrative services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	657	735	734	597
Indirect Purchases	2,627	2,923	3,080	2,788
<b>Total :</b>	<b>3,284</b>	<b>3,657</b>	<b>3,814</b>	<b>3,384</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	8	9	10	9
Aircraft Parts	16	18	20	19
Ammunition	15	15	16	16
Communication Equipment	34	41	49	43
Missiles	6	7	9	10
Motor Vehicles	28	33	31	28
Shipbuilding	20	24	25	22
Tanks	17	20	17	13
Other Electronic Equipment	4	4	5	5
Other Ordinances	10	9	13	11
Other	2,469	2,741	2,885	2,612
<b>Total :</b>	<b>2,627</b>	<b>2,923</b>	<b>3,080</b>	<b>2,788</b>

*Note: numbers may not add due to rounding*

**Table 59 Projected Defense Purchases of  
293 Credit cards and finance companies**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	28	32	32	27
Indirect Purchases	3,039	3,462	3,673	3,347
<b>Total :</b>	<b>3,067</b>	<b>3,493</b>	<b>3,705</b>	<b>3,374</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	32	36	40	36
Aircraft Parts	56	64	71	66
Ammunition	36	36	40	40
Communication Equipment	110	131	157	141
Missiles	22	26	32	34
Motor Vehicles	104	121	115	102
Shipbuilding	67	82	85	76
Tanks	52	62	51	39
Other Electronic Equipment	12	14	16	15
Other Ordinances	24	22	32	28
Other	2,525	2,867	3,033	2,768
<b>Total :</b>	<b>3,040</b>	<b>3,462</b>	<b>3,673</b>	<b>3,347</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	284	314	326	305
Indirect Purchases	2,786	3,108	3,223	2,874
<b>Total :</b>	<b>3,069</b>	<b>3,421</b>	<b>3,550</b>	<b>3,180</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	20	23	25	22
Aircraft Parts	46	52	57	52
Ammunition	17	17	18	18
Communication Equipment	90	106	126	111
Missiles	16	19	23	25
Motor Vehicles	58	67	63	55
Shipbuilding	47	57	58	51
Tanks	44	51	42	32
Other Electronic Equipment	9	10	11	10
Other Ordinances	15	14	19	17
Other	2,423	2,692	2,781	2,482
<b>Total :</b>	<b>2,786</b>	<b>3,108</b>	<b>3,223</b>	<b>2,874</b>

*Note: numbers may not add due to rounding*

**Table 61 Projected Defense Purchases of  
312 Environmental and other technical consulting services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,670	1,857	1,820	1,466
Indirect Purchases	1,442	1,626	1,779	1,666
<b>Total :</b>	<b>3,112</b>	<b>3,483</b>	<b>3,599</b>	<b>3,132</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	3	3	4	3
Aircraft Parts	8	9	10	10
Ammunition	4	4	5	5
Communication Equipment	13	16	19	18
Missiles	3	4	5	5
Motor Vehicles	11	13	12	11
Shipbuilding	8	10	11	10
Tanks	6	7	6	4
Other Electronic Equipment	2	2	2	2
Other Ordinances	2	2	3	3
Other	1,382	1,556	1,703	1,595
<b>Total :</b>	<b>1,442</b>	<b>1,626</b>	<b>1,779</b>	<b>1,666</b>

*Note: numbers may not add due to rounding*

**Table 62 Projected Defense Purchases of  
307 Specialized design services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,598	1,731	1,964	2,115
Indirect Purchases	797	891	948	871
<b>Total :</b>	<b>2,395</b>	<b>2,623</b>	<b>2,912</b>	<b>2,986</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	3	3	4	3
Aircraft Parts	5	6	7	6
Ammunition	4	4	5	5
Communication Equipment	12	14	17	15
Missiles	2	3	3	3
Motor Vehicles	37	45	42	35
Shipbuilding	7	8	8	7
Tanks	5	6	5	4
Other Electronic Equipment	1	2	2	2
Other Ordinances	3	2	3	3
Other	718	798	853	788
<b>Total :</b>	<b>797</b>	<b>891</b>	<b>948</b>	<b>871</b>

*Note: numbers may not add due to rounding*

**Table 63 Projected Defense Purchases of  
303 Lessors of nonfinancial intangible assets (royalties)**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	2,720	3,133	3,291	2,958
<b>Total :</b>	<b>2,720</b>	<b>3,133</b>	<b>3,291</b>	<b>2,958</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	9	11	12	11
Aircraft Parts	23	26	29	27
Ammunition	23	24	26	26
Communication Equipment	372	433	512	465
Missiles	8	10	12	13
Motor Vehicles	141	165	156	136
Shipbuilding	154	188	195	173
Tanks	27	33	28	21
Other Electronic Equipment	11	13	16	14
Other Ordinances	17	17	23	20
Other	1,934	2,212	2,283	2,051
<b>Total :</b>	<b>2,720</b>	<b>3,133</b>	<b>3,291</b>	<b>2,958</b>

*Note: numbers may not add due to rounding*

**Table 64 Projected Defense Purchases of  
294 Securities, commodity contracts, investments**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	350	357	250	359
Indirect Purchases	2,482	2,751	2,837	2,593
<b>Total :</b>	<b>2,832</b>	<b>3,107</b>	<b>3,087</b>	<b>2,952</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	29	32	35	31
Aircraft Parts	47	53	58	53
Ammunition	31	31	33	33
Communication Equipment	87	102	120	105
Missiles	20	24	29	30
Motor Vehicles	79	90	84	73
Shipbuilding	59	71	72	63
Tanks	39	45	37	28
Other Electronic Equipment	10	11	13	12
Other Ordinances	20	19	26	22
Other	2,062	2,274	2,332	2,145
<b>Total :</b>	<b>2,483</b>	<b>2,751</b>	<b>2,837</b>	<b>2,594</b>

*Note: numbers may not add due to rounding*

**Table 65 Projected Defense Purchases of  
291 Data processing services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	577	644	650	554
Indirect Purchases	2,073	2,348	2,489	2,264
<b>Total :</b>	<b>2,649</b>	<b>2,991</b>	<b>3,139</b>	<b>2,818</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	23	26	29	27
Aircraft Parts	54	62	69	64
Ammunition	21	21	23	23
Communication Equipment	91	108	130	115
Missiles	22	27	33	35
Motor Vehicles	56	65	62	56
Shipbuilding	67	82	85	76
Tanks	50	59	49	38
Other Electronic Equipment	8	10	11	10
Other Ordinances	18	17	24	21
Other	1,663	1,871	1,974	1,800
<b>Total :</b>	<b>2,073</b>	<b>2,348</b>	<b>2,489</b>	<b>2,264</b>

*Note: numbers may not add due to rounding*

**Table 66 Projected Defense Purchases of  
206 Other communications equipment**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,099	2,486	3,009	2,595
Indirect Purchases	156	187	211	190
<b>Total :</b>	<b>2,255</b>	<b>2,673</b>	<b>3,220</b>	<b>2,786</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	1	1	1	1
Ammunition	0	0	0	0
Communication Equipment	29	34	41	35
Missiles	0	0	0	0
Motor Vehicles	1	1	1	1
Shipbuilding	1	1	1	1
Tanks	0	1	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	123	149	165	151
<b>Total :</b>	<b>156</b>	<b>187</b>	<b>211</b>	<b>190</b>

*Note: numbers may not add due to rounding*

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

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,195	1,287	1,441	1,424
Indirect Purchases	937	1,081	1,288	1,340
<b>Total :</b>	<b>2,133</b>	<b>2,368</b>	<b>2,729</b>	<b>2,764</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	0	0	0	0
Aircraft Parts	0	0	0	0
Ammunition	0	0	0	0
Communication Equipment	0	0	1	0
Missiles	713	843	1,026	1,083
Motor Vehicles	0	0	0	0
Shipbuilding	0	0	0	0
Tanks	0	0	0	0
Other Electronic Equipment	0	0	0	0
Other Ordinances	0	0	0	0
Other	222	236	260	255
<b>Total :</b>	<b>937</b>	<b>1,081</b>	<b>1,288</b>	<b>1,340</b>

*Note: numbers may not add due to rounding*

**Table 68 Projected Defense Purchases of  
151 Architectural and structural metal products**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	267	312	325	282
Indirect Purchases	2,067	2,415	2,658	2,440
<b>Total :</b>	<b>2,333</b>	<b>2,727</b>	<b>2,983</b>	<b>2,722</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	7	8	9	8
Aircraft Parts	45	51	56	51
Ammunition	6	6	6	6
Communication Equipment	112	129	152	135
Missiles	26	31	37	39
Motor Vehicles	60	68	65	57
Shipbuilding	205	247	252	222
Tanks	11	13	10	8
Other Electronic Equipment	7	8	9	8
Other Ordinances	3	3	4	4
Other	1,584	1,851	2,056	1,902
<b>Total :</b>	<b>2,067</b>	<b>2,415</b>	<b>2,658</b>	<b>2,440</b>

*Note: numbers may not add due to rounding*

**Table 69 Projected Defense Purchases of**

**272 Rail transportation**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,848	2,131	2,001	1,684
Indirect Purchases	965	1,107	1,158	1,036
<b>Total :</b>	<b>2,813</b>	<b>3,238</b>	<b>3,159</b>	<b>2,721</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	7	8	9	8
Aircraft Parts	25	28	31	29
Ammunition	21	21	23	23
Communication Equipment	16	19	23	21
Missiles	8	9	11	12
Motor Vehicles	68	79	75	67
Shipbuilding	35	42	44	39
Tanks	20	23	19	15
Other Electronic Equipment	3	3	4	4
Other Ordinances	11	10	14	13
Other	752	865	903	807
<b>Total :</b>	<b>965</b>	<b>1,107</b>	<b>1,158</b>	<b>1,036</b>

*Note: numbers may not add due to rounding*

**Table 70 Projected Defense Purchases of  
344 Commercial machinery repair & maintenance**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,103	1,356	1,417	1,068
Indirect Purchases	1,606	1,806	1,876	1,649
<b>Total :</b>	<b>2,709</b>	<b>3,162</b>	<b>3,293</b>	<b>2,717</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	19	22	24	21
Aircraft Parts	34	39	42	39
Ammunition	14	13	15	15
Communication Equipment	43	51	60	53
Missiles	8	9	11	12
Motor Vehicles	50	57	54	47
Shipbuilding	49	59	60	53
Tanks	38	44	36	27
Other Electronic Equipment	8	9	10	9
Other Ordinances	11	11	15	13
Other	1,332	1,494	1,549	1,360
<b>Total :</b>	<b>1,606</b>	<b>1,806</b>	<b>1,876</b>	<b>1,649</b>

*Note: numbers may not add due to rounding*

**Table 71 Projected Defense Purchases of  
326 Other support services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,190	1,321	1,332	1,090
Indirect Purchases	1,490	1,656	1,718	1,538
<b>Total :</b>	<b>2,680</b>	<b>2,976</b>	<b>3,050</b>	<b>2,628</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	5	5	6	5
Aircraft Parts	16	18	20	18
Ammunition	11	11	12	12
Communication Equipment	32	37	44	39
Missiles	5	6	7	8
Motor Vehicles	35	41	38	33
Shipbuilding	14	17	18	16
Tanks	19	22	18	14
Other Electronic Equipment	3	3	4	4
Other Ordinances	7	7	9	8
Other	1,343	1,488	1,542	1,382
<b>Total :</b>	<b>1,490</b>	<b>1,656</b>	<b>1,718</b>	<b>1,538</b>

*Note: numbers may not add due to rounding*

**Table 72 Projected Defense Purchases of  
235 Automobiles and light trucks**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,879	3,493	3,199	2,575
Indirect Purchases	12	14	13	11
<b>Total :</b>	<b>2,891</b>	<b>3,506</b>	<b>3,212</b>	<b>2,586</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Parts	0	0	0	0
Motor Vehicles	12	14	13	11
Shipbuilding	0	0	0	0
Other	0	0	0	0
<b>Total :</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>11</b>

**Table 73 Projected Defense Purchases of  
323 Travel arrangement and reservation services**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	72	82	76	52
Indirect Purchases	2,443	2,722	2,830	2,523
<b>Total :</b>	<b>2,514</b>	<b>2,804</b>	<b>2,906</b>	<b>2,576</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	5	5	6	5
Aircraft Parts	6	7	7	7
Ammunition	4	4	4	4
Communication Equipment	11	13	15	13
Missiles	3	3	4	4
Motor Vehicles	12	14	13	11
Shipbuilding	7	8	8	7
Tanks	5	6	5	4
Other Electronic Equipment	1	1	2	2
Other Ordinances	2	2	3	3
Other	2,386	2,658	2,762	2,463
<b>Total :</b>	<b>2,443</b>	<b>2,722</b>	<b>2,830</b>	<b>2,523</b>

*Note: numbers may not add due to rounding*

**Table 74 Projected Defense Purchases of  
301 Machinery and equipment rental and leasing**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	352	416	393	307
Indirect Purchases	2,070	2,366	2,496	2,247
<b>Total :</b>	<b>2,422</b>	<b>2,782</b>	<b>2,890</b>	<b>2,553</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	15	17	19	17
Aircraft Parts	27	31	34	31
Ammunition	15	15	16	16
Communication Equipment	42	49	59	52
Missiles	8	10	12	13
Motor Vehicles	35	40	38	34
Shipbuilding	31	37	38	34
Tanks	22	26	21	16
Other Electronic Equipment	5	6	7	6
Other Ordinances	8	7	11	9
Other	1,863	2,128	2,242	2,018
<b>Total :</b>	<b>2,070</b>	<b>2,366</b>	<b>2,496</b>	<b>2,247</b>

*Note: numbers may not add due to rounding*

**Table 75 Projected Defense Purchases of  
354 Other state and local government enterprises (except electric utilities and transit)**

(Millions of 2010 dollars)

	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	2,369	2,715	2,866	2,531
<b>Total :</b>	<b>2,369</b>	<b>2,715</b>	<b>2,866</b>	<b>2,531</b>
<b>INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR</b>				
Aircraft Engines	7	7	8	8
Aircraft Parts	17	19	22	20
Ammunition	19	19	21	21
Communication Equipment	45	54	65	58
Missiles	8	9	11	12
Motor Vehicles	43	49	47	43
Shipbuilding	23	28	29	26
Tanks	26	30	25	19
Other Electronic Equipment	5	6	7	6
Other Ordinances	31	29	41	37
Other	2,147	2,464	2,589	2,281
<b>Total :</b>	<b>2,369</b>	<b>2,715</b>	<b>2,866</b>	<b>2,531</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 2007 through 2010. A separate table is provided for each of the 50 states and the District of Columbia; an additional table is provided for the United States as a whole. The tables are divided into two sections. The first section of each table presents estimates of direct defense purchases and pay and of indirect defense purchases for each year of the projection period (for purposes of comparison, projections of nondefense expenditures and of total output—total economic activity—also are provided). The second section provides estimates of the dollar value of direct and indirect purchases from the five industrial sectors projected to lead in defense sales in the state, and the five projected to lead in indirect sales stemming from DoD purchases, over the forecast period.

The industrial *sectors* represented in the tables are aggregates of the *industries* covered in Section II. Industrial projections are made for 360 industries. For purposes of the state-level reports, these are grouped into 97 industrial sectors. Thus, industrial sector 51, “Aerospace,” used in the state tables, includes five industries: industry 241, “Aircraft”; industry 242, “Aircraft engines and engine parts”; industry 243, “Other aircraft parts and equipment”; industry 244, “Guided Missiles and Space Vehicles”; and industry 245, “Propulsion units and parts for space vehicles and guided missiles.”

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

*IDEPPS*’ treatment of defense expenditures differs from that of *RDEPPS* in several important ways, due to differences in the conceptual rationale for each module. *IDEPPS* is designed to investigate economy-wide effects of the defense budget, by simultaneously determining domestic production, imports, and indirect purchases by industry. *RDEPPS* is designed to investigate domestic effects of expenditures by state, including military retirement disbursements. Therefore, *RDEPPS* includes *only* that part of active duty and retirement pay spent domestically, making an explicit adjustment for pay that is sent abroad. Retirement pay is treated on a disbursement basis in *RDEPPS*, 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 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	15,789	16,507	16,248	15,316
Indirect Defense Purchases Resulting from Direct Purchases	6,698	7,448	7,782	7,133
Induced Defense Purchases Resulting from Direct Pay	2,259	2,283	1,902	1,983
Total Nondefense Expenditures	424,455	431,144	419,794	426,830
Total Output	450,730	459,078	447,468	452,841
General government industry	4,387	4,254	3,562	3,657

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Professional, scientific and technical services	7,256	7,495	7,811	7,458
General government industry	4,387	4,254	3,562	3,657
Computer systems design and related services	464	518	533	463
Administrative and support services	455	511	505	394
New construction	315	395	451	410

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	2,185	2,382	2,509	2,335
Administrative and support services	747	833	868	777
Nonferrous metals	298	318	337	306
Automotive repair and maintenance	291	339	302	297
Fabricated metal products	200	225	240	217

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

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## 2 Alaska Summary

(Millions of 2010 dollars)

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### Actual

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	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	4,932	5,468	5,440	5,234
Indirect Defense Purchases Resulting from Direct Purchases	1,806	2,074	2,147	1,913
Induced Defense Purchases Resulting from Direct Pay	922	915	768	801
Total Nondefense Expenditures	160,055	160,547	159,381	161,590
Total Output	169,215	170,676	169,441	171,082
General government industry	2,499	2,615	2,346	2,450

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	2,499	2,615	2,346	2,450
New construction	426	585	787	810
Administrative and support services	402	450	444	348
Maintenance and repair construction	247	282	282	222
Air transportation	245	273	289	255

#### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	661	733	764	687
Crude oil extraction	237	303	305	270
Pipeline transportation	164	189	195	172
Natural gas extraction	107	131	134	118
Professional, scientific and technical services	60	70	75	67

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

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### 3 Arizona Summary

(Millions of 2010 dollars)

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**Actual**

**2007      2008      2009      2010**

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	18,401	19,845	20,839	19,829
Indirect Defense Purchases Resulting from Direct Purchases	4,717	5,367	5,731	5,231
Induced Defense Purchases Resulting from Direct Pay	2,084	1,949	1,627	1,695
Total Nondefense Expenditures	388,441	385,028	370,172	374,500
Total Output	413,677	412,234	398,384	401,278
General government industry	3,805	3,584	3,264	3,355

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	3,805	3,584	3,264	3,355
Aerospace products and parts	2,825	3,208	3,644	3,473
Professional, scientific and technical services	2,603	2,827	3,093	2,959
Offices of physicians, dentists, and other health practioners	2,424	2,663	2,819	2,704
Hospitals	930	1,016	1,091	1,077

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

Professional, scientific and technical services	784	898	993	926
Administrative and support services	568	630	665	602
Real estate	315	353	371	338
Wholesale trade	246	278	293	263
Banks, credit cards and finance	206	233	247	223

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## 4 Arkansas Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,291	3,396	3,379	3,165
Indirect Defense Purchases Resulting from Direct Purchases	2,012	2,263	2,375	2,135
Induced Defense Purchases Resulting from Direct Pay	986	911	760	791
Total Nondefense Expenditures	188,280	186,599	179,901	182,043
Total Output	194,595	193,196	186,448	188,162
General government industry	1,464	1,324	1,205	1,236

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	1,464	1,324	1,205	1,236
Truck transportation	292	337	314	263
Fabricated metal products	262	261	312	297
Air transportation	180	201	216	186
Waste management and remediation	160	183	170	117

#### Indirect Defense Purchases Resulting from Direct Purchases

Nonferrous metals	191	204	216	196
Fabricated metal products	166	186	199	179
Truck transportation	130	147	149	131
Iron and steel	123	136	143	126
Wholesale trade	114	129	136	122

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## 5 California Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	68,074	72,490	73,893	69,852
Indirect Defense Purchases Resulting from Direct Purchases	31,896	36,029	37,926	34,419
Induced Defense Purchases Resulting from Direct Pay	13,052	12,479	10,417	10,855
Total Nondefense Expenditures	3,179,660	3,235,717	3,129,598	3,160,026
Total Output	3,292,322	3,356,327	3,251,312	3,274,743
General government industry	17,978	17,186	15,082	15,566

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	17,978	17,186	15,082	15,566
Professional, scientific and technical services	15,780	16,487	17,457	16,777
Aerospace products and parts	7,091	7,905	8,963	8,596
Offices of physicians, dentists, and other health practioners	2,452	2,693	2,851	2,734
Communications and audio-video equipment	2,329	2,552	2,885	2,673

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	4,751	5,239	5,608	5,252
Real estate	2,568	2,890	3,042	2,775
Wholesale trade	1,825	2,068	2,179	1,957
Petroleum and coal products	1,587	1,800	1,846	1,617
Administrative and support services	1,574	1,752	1,823	1,628

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## 6 Colorado Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	11,892	12,747	12,887	12,252
Indirect Defense Purchases Resulting from Direct Purchases	4,802	5,450	5,732	5,158
Induced Defense Purchases Resulting from Direct Pay	2,412	2,334	1,958	2,041
Total Nondefense Expenditures	424,635	420,291	407,305	411,189
Total Output	443,804	440,894	427,951	430,700
General government industry	4,695	4,664	4,226	4,364

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	4,695	4,664	4,226	4,364
Professional, scientific and technical services	2,755	2,947	3,088	2,854
Telecommunications	663	756	819	727
Computer systems design and related services	442	496	543	503
Aerospace products and parts	440	512	589	562

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	830	937	992	893
Administrative and support services	492	548	569	506
Telecommunications	380	432	459	413
Real estate	261	294	308	281
Wholesale trade	232	263	277	249

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## 7 Connecticut Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	11,618	12,601	13,387	12,642
Indirect Defense Purchases Resulting from Direct Purchases	3,918	4,407	4,675	4,317
Induced Defense Purchases Resulting from Direct Pay	1,090	994	829	866
Total Nondefense Expenditures	381,846	384,386	370,894	375,434
Total Output	398,471	402,406	389,769	393,241
General government industry	926	746	663	683

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Aerospace products and parts	2,981	3,392	3,877	3,709
Professional, scientific and technical services	2,772	2,893	3,111	3,045
Ship and boat building	2,615	2,960	2,966	2,692
General government industry	926	746	663	683
Retail trade	277	304	325	315

#### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	835	919	999	953
Fabricated metal products	273	306	327	295
Aerospace products and parts	272	322	362	359
Management of companies and enterprises	241	273	286	257
Insurance	221	250	251	235

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## 8 Delaware Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,109	1,164	1,129	1,090
Indirect Defense Purchases Resulting from Direct Purchases	1,055	1,190	1,245	1,132
Induced Defense Purchases Resulting from Direct Pay	452	429	361	378
Total Nondefense Expenditures	111,231	111,393	107,904	109,241
Total Output	113,856	114,187	110,649	111,851
General government industry	627	613	557	575

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	627	613	557	575
Insurance	67	73	73	74
Maintenance and repair construction	58	68	70	58
New construction	48	61	73	70
Professional, scientific and technical services	42	44	48	46

##### Indirect Defense Purchases Resulting from Direct Purchases

Banks, credit cards and finance	242	274	289	262
Insurance	98	111	111	104
Management of companies and enterprises	97	110	115	103
Petroleum and coal products	62	70	72	63
Other chemicals	61	68	71	65

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## 9 District of Columbia Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	8,541	9,518	9,105	8,320
Indirect Defense Purchases Resulting from Direct Purchases	2,843	3,227	3,365	2,951
Induced Defense Purchases Resulting from Direct Pay	1,065	1,241	1,043	1,088
Total Nondefense Expenditures	151,918	159,054	156,327	159,282
Total Output	164,405	173,082	169,883	171,679
General government industry	2,993	3,321	2,719	2,834

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	2,993	3,321	2,719	2,834
Professional, scientific and technical services	2,595	2,874	2,893	2,423
Computer systems design and related services	765	856	884	766
Administrative and support services	287	323	317	247
Fabricated metal products	243	241	290	277

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	781	913	929	759
Legal services	568	639	676	611
Administrative and support services	472	525	546	486
Computer systems design and related services	138	154	164	147
Real estate	116	130	135	122

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## 10 Florida Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	29,524	31,440	31,551	29,267
Indirect Defense Purchases Resulting from Direct Purchases	11,596	13,097	13,771	12,410
Induced Defense Purchases Resulting from Direct Pay	6,401	6,071	5,081	5,297
Total Nondefense Expenditures	1,218,286	1,221,999	1,185,843	1,198,143
Total Output	1,265,919	1,272,743	1,236,369	1,245,234
General government industry	11,633	11,168	10,217	10,469

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	11,633	11,168	10,217	10,469
Professional, scientific and technical services	3,359	3,654	3,772	3,355
New construction	1,198	1,466	1,687	1,554
Aerospace products and parts	1,178	1,326	1,505	1,439
Water transportation	1,177	1,347	1,269	1,089

##### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	1,342	1,484	1,552	1,402
Real estate	1,111	1,248	1,312	1,196
Professional, scientific and technical services	1,011	1,161	1,212	1,050
Legal services	951	1,070	1,133	1,024
Wholesale trade	853	967	1,018	915

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## 11 Georgia Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	18,997	20,624	20,143	19,235
Indirect Defense Purchases Resulting from Direct Purchases	7,692	8,693	9,091	8,173
Induced Defense Purchases Resulting from Direct Pay	5,024	4,996	4,181	4,358
Total Nondefense Expenditures	762,957	765,931	742,556	751,076
Total Output	794,813	800,414	776,122	782,972
General government industry	9,665	9,864	8,704	9,014

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	9,665	9,864	8,704	9,014
Aerospace products and parts	1,796	2,097	2,396	2,271
Professional, scientific and technical services	1,157	1,288	1,356	1,208
Air transportation	869	960	992	916
New construction	687	881	1,082	1,048

##### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	924	1,028	1,069	954
Wholesale trade	563	638	672	604
Real estate	464	520	543	490
Telecommunications	460	523	555	500
Professional, scientific and technical services	348	409	436	378

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

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## 12 Hawaii Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	8,351	9,378	8,769	8,512
Indirect Defense Purchases Resulting from Direct Purchases	1,473	1,656	1,724	1,534
Induced Defense Purchases Resulting from Direct Pay	1,867	2,031	1,704	1,777
Total Nondefense Expenditures	128,146	134,608	133,111	135,160
Total Output	139,903	147,744	145,382	147,049
General government industry	5,199	5,770	5,018	5,233

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	5,199	5,770	5,018	5,233
New construction	429	531	621	578
Maintenance and repair construction	345	394	395	312
Professional, scientific and technical services	276	305	317	283
Computer systems design and related services	267	292	300	268

##### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	397	441	458	409
Electric utilities	166	187	194	171
Real estate	101	114	119	108
Professional, scientific and technical services	83	97	102	89
Performing arts, spectator sports and museums	77	88	89	76

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

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## 13 Idaho Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,214	1,279	1,256	1,218
Indirect Defense Purchases Resulting from Direct Purchases	707	814	866	786
Induced Defense Purchases Resulting from Direct Pay	465	441	368	383
Total Nondefense Expenditures	89,687	89,936	86,792	87,476
Total Output	92,086	92,485	89,299	89,877
General government industry	762	750	694	714

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	762	750	694	714
Truck transportation	83	96	90	75
New construction	67	87	109	108
Maintenance and repair construction	44	53	58	49
Professional, scientific and technical services	21	23	25	24

##### Indirect Defense Purchases Resulting from Direct Purchases

Semiconductors and other electronic components	78	109	119	107
Real estate	54	60	64	58
Wholesale trade	49	56	59	53
Truck transportation	35	39	40	35
Management of companies and enterprises	30	34	36	32

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## 14 Illinois Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	12,315	12,749	12,476	11,491
Indirect Defense Purchases Resulting from Direct Purchases	10,591	11,926	12,503	11,275
Induced Defense Purchases Resulting from Direct Pay	3,733	3,385	2,824	2,946
Total Nondefense Expenditures	1,184,337	1,181,467	1,138,834	1,149,817
Total Output	1,211,074	1,209,636	1,166,758	1,175,632
General government industry	3,982	3,172	2,729	2,815

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	3,982	3,172	2,729	2,815
Other transportation equipment	1,043	1,195	1,036	804
Truck transportation	741	856	798	667
Air transportation	737	813	841	776
Professional, scientific and technical services	540	581	602	548

##### Indirect Defense Purchases Resulting from Direct Purchases

Fabricated metal products	909	1,019	1,088	981
Wholesale trade	795	901	949	852
Real estate	683	767	805	733
Management of companies and enterprices	563	638	668	601
Petroleum and coal products	515	584	599	524

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

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## 15 Indiana Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	8,952	9,691	9,444	8,490
Indirect Defense Purchases Resulting from Direct Purchases	6,875	7,691	8,041	7,243
Induced Defense Purchases Resulting from Direct Pay	2,007	1,830	1,490	1,559
Total Nondefense Expenditures	576,686	569,724	542,399	549,721
Total Output	594,592	589,017	561,466	567,090
General government industry	1,746	1,402	1,154	1,181

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Motor vehicles	3,043	3,522	3,273	2,890
General government industry	1,746	1,402	1,154	1,181
Professional, scientific and technical services	615	675	695	608
Truck transportation	507	585	545	456
Communications and audio-video equipment	471	567	698	622

##### Indirect Defense Purchases Resulting from Direct Purchases

Nonferrous metals	1,026	1,097	1,160	1,053
Iron and steel	659	730	769	677
Fabricated metal products	525	588	628	567
Motor vehicle parts	430	481	480	415
Other chemicals	368	411	434	397

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## 16 Iowa Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	2,224	2,361	2,467	2,260
Indirect Defense Purchases Resulting from Direct Purchases	2,193	2,468	2,594	2,355
Induced Defense Purchases Resulting from Direct Pay	788	724	601	626
Total Nondefense Expenditures	246,332	247,168	237,454	240,013
Total Output	251,558	252,744	243,142	245,275
General government industry	501	395	360	366

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	501	395	360	366
Truck transportation	283	328	305	255
Communications and audio-video equipment	235	272	327	296
Professional, scientific and technical services	191	198	211	206
Search, detection and navigation equipment	136	162	197	168

##### Indirect Defense Purchases Resulting from Direct Purchases

Fabricated metal products	150	169	180	162
Wholesale trade	130	148	156	140
Engine, turbine and power transmission equipment	125	138	139	129
Truck transportation	120	136	138	121
Insurance	120	136	136	127

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## 17 Kansas Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	5,214	5,829	5,857	5,672
Indirect Defense Purchases Resulting from Direct Purchases	2,389	2,714	2,871	2,620
Induced Defense Purchases Resulting from Direct Pay	1,277	1,291	1,080	1,126
Total Nondefense Expenditures	214,406	214,007	206,869	209,460
Total Output	223,502	224,076	216,957	219,104
General government industry	2,423	2,613	2,353	2,442

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	2,423	2,613	2,353	2,442
Aerospace products and parts	849	959	1,086	1,035
Professional, scientific and technical services	291	312	331	312
New construction	209	293	403	421
Truck transportation	170	197	183	153

#### Indirect Defense Purchases Resulting from Direct Purchases

Aerospace products and parts	278	329	370	367
Administrative and support services	188	208	224	208
Telecommunications	166	188	200	180
Real estate	139	156	161	144
Wholesale trade	132	150	158	142

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**18 Kentucky Summary**(Millions of 2010 dollars)

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**Actual****2007      2008      2009      2010**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	14,371	15,673	16,005	15,253
Indirect Defense Purchases Resulting from Direct Purchases	4,061	4,556	4,759	4,253
Induced Defense Purchases Resulting from Direct Pay	2,093	2,008	1,665	1,736
Total Nondefense Expenditures	300,958	294,382	281,915	286,054
Total Output	321,552	316,693	304,420	307,364
General government industry	3,846	3,972	3,592	3,740

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

General government industry	3,846	3,972	3,592	3,740
Offices of physicians, dentists, and other health practioners	3,223	3,539	3,747	3,594
Hospitals	1,163	1,271	1,364	1,346
Fabricated metal products	761	767	903	851
Transportation support, sightseeing, couriers	519	572	600	530

**Indirect Defense Purchases Resulting from Direct Purchases**

Administrative and support services	684	760	793	709
Nonferrous metals	328	350	371	336
Iron and steel	210	233	246	216
Transportation support, sightseeing, couriers	210	240	244	215
Motor vehicle parts	185	207	207	179

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

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**19 Louisiana Summary**(Millions of 2010 dollars)

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**Actual****2007      2008      2009      2010**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	6,838	7,466	7,351	6,750
Indirect Defense Purchases Resulting from Direct Purchases	5,961	6,824	7,073	6,270
Induced Defense Purchases Resulting from Direct Pay	1,682	1,552	1,311	1,367
Total Nondefense Expenditures	461,074	457,745	446,037	450,680
Total Output	475,394	473,393	461,576	464,911
General government industry	2,423	2,257	2,025	2,095

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

General government industry	2,423	2,257	2,025	2,095
Water transportation	881	1,032	952	787
Ship and boat building	512	581	581	526
New construction	435	584	764	774
Waste management and remediation	363	416	386	266

**Indirect Defense Purchases Resulting from Direct Purchases**

Petroleum and coal products	2,155	2,446	2,508	2,196
Crude oil extraction	418	534	538	476
Administrative and support services	341	379	394	351
Other chemicals	228	255	269	246
Natural gas extraction	189	230	236	209

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## 20 Maine Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,310	3,280	3,193	3,038
Indirect Defense Purchases Resulting from Direct Purchases	734	833	882	804
Induced Defense Purchases Resulting from Direct Pay	563	527	440	459
Total Nondefense Expenditures	106,685	103,339	100,832	102,145
Total Output	111,319	108,005	105,384	106,476
General government industry	1,149	940	760	780

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	1,149	940	760	780
Ship and boat building	1,098	1,166	1,201	1,119
Professional, scientific and technical services	133	146	162	156
Fabricated metal products	103	102	122	117
Offices of physicians, dentists, and other health practioners	89	98	104	100

#### Indirect Defense Purchases Resulting from Direct Purchases

Paper	57	65	68	61
Aerospace products and parts	52	62	69	69
Real estate	52	59	62	56
Wholesale trade	51	58	61	55
Professional, scientific and technical services	40	46	52	49

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## 21 Maryland Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	20,808	22,587	22,383	20,666
Indirect Defense Purchases Resulting from Direct Purchases	6,589	7,433	7,809	6,988
Induced Defense Purchases Resulting from Direct Pay	2,983	3,120	2,615	2,727
Total Nondefense Expenditures	511,320	524,772	511,165	518,469
Total Output	541,747	557,969	544,015	548,892
General government industry	6,647	6,679	5,563	5,741

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	6,647	6,679	5,563	5,741
Professional, scientific and technical services	6,052	6,573	6,839	6,147
Communications and audio-video equipment	698	821	980	875
Aerospace products and parts	598	669	752	717
Computer systems design and related services	593	668	701	617

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	1,822	2,089	2,197	1,924
Administrative and support services	589	657	693	631
Real estate	410	461	480	433
Legal services	372	414	438	402
Information and data processing	311	338	362	336

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## 22 Massachusetts Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	15,723	16,721	17,651	16,586
Indirect Defense Purchases Resulting from Direct Purchases	7,229	8,112	8,629	7,955
Induced Defense Purchases Resulting from Direct Pay	1,759	1,652	1,377	1,437
Total Nondefense Expenditures	649,525	649,843	626,704	633,360
Total Output	674,312	676,411	654,446	659,414
General government industry	1,509	1,277	1,081	1,109

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Professional, scientific and technical services	7,351	7,569	8,055	7,909
General government industry	1,509	1,277	1,081	1,109
Aerospace products and parts	1,065	1,235	1,409	1,335
Computer systems design and related services	516	600	676	595
Search, detection and navigation equipment	443	513	587	498

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	2,213	2,405	2,587	2,476
Real estate	426	478	503	459
Wholesale trade	394	447	471	423
Fabricated metal products	352	395	421	380
Management of companies and enterprises	274	311	325	292

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

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## 23 Michigan Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	7,643	8,329	8,115	7,085
Indirect Defense Purchases Resulting from Direct Purchases	7,551	8,768	9,237	8,007
Induced Defense Purchases Resulting from Direct Pay	2,637	2,369	1,895	1,984
Total Nondefense Expenditures	839,194	828,839	789,044	797,739
Total Output	857,053	848,334	808,330	814,851
General government industry	1,722	1,419	1,174	1,200

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	1,722	1,419	1,174	1,200
Other transportation equipment	1,516	1,714	1,513	1,197
Professional, scientific and technical services	702	765	822	768
Truck transportation	413	477	444	371
Air transportation	321	355	367	338

##### Indirect Defense Purchases Resulting from Direct Purchases

Motor vehicle parts	942	1,055	1,053	910
Fabricated metal products	663	744	794	716
Rental and leasing of goods	510	832	936	553
Wholesale trade	460	522	550	494
Management of companies and enterprices	381	432	452	406

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## 24 Minnesota Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	4,127	4,364	4,550	4,215
Indirect Defense Purchases Resulting from Direct Purchases	4,249	4,809	5,064	4,581
Induced Defense Purchases Resulting from Direct Pay	1,263	1,166	971	1,012
Total Nondefense Expenditures	476,291	477,332	459,916	464,234
Total Output	486,011	487,758	470,605	474,127
General government industry	759	615	554	564

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	759	615	554	564
Fabricated metal products	503	500	595	567
Air transportation	403	446	462	424
Truck transportation	270	312	290	243
Communications and audio-video equipment	264	293	303	258

#### Indirect Defense Purchases Resulting from Direct Purchases

Management of companies and enterprises	357	404	423	381
Fabricated metal products	345	386	413	372
Wholesale trade	323	366	386	347
Petroleum and coal products	267	303	310	272
Real estate	233	261	275	251

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## 25 Mississippi Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	9,517	10,217	10,260	9,590
Indirect Defense Purchases Resulting from Direct Purchases	1,879	2,125	2,240	2,025
Induced Defense Purchases Resulting from Direct Pay	1,175	1,066	889	927
Total Nondefense Expenditures	178,012	172,312	166,718	168,867
Total Output	190,627	185,767	180,163	181,456
General government industry	2,331	2,020	1,763	1,818

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Ship and boat building	4,822	5,450	5,477	4,988
General government industry	2,331	2,020	1,763	1,818
Professional, scientific and technical services	527	571	633	623
New construction	384	529	710	731
Truck transportation	171	198	184	154

##### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	198	221	230	205
Professional, scientific and technical services	159	181	203	195
Real estate	100	112	116	103
Wholesale trade	84	95	100	90
Truck transportation	76	86	87	77

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

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## 26 Missouri Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	13,758	14,498	15,197	14,484
Indirect Defense Purchases Resulting from Direct Purchases	5,261	5,877	6,193	5,666
Induced Defense Purchases Resulting from Direct Pay	2,012	1,840	1,528	1,593
Total Nondefense Expenditures	448,433	445,112	427,929	432,981
Total Output	469,537	467,424	450,911	454,779
General government industry	2,838	2,485	2,211	2,277

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Professional, scientific and technical services	4,061	4,157	4,390	4,302
General government industry	2,838	2,485	2,211	2,277
Aerospace products and parts	2,465	2,869	3,300	3,144
Fabricated metal products	771	768	921	880
Truck transportation	424	490	457	382

#### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	1,223	1,321	1,410	1,347
Management of companies and enterprises	311	352	369	332
Wholesale trade	280	317	334	300
Fabricated metal products	251	281	300	271
Administrative and support services	231	257	267	238

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## 27 Montana Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,005	1,051	1,033	996
Indirect Defense Purchases Resulting from Direct Purchases	488	551	582	528
Induced Defense Purchases Resulting from Direct Pay	298	278	233	243
Total Nondefense Expenditures	56,891	56,489	54,996	55,532
Total Output	58,690	58,378	56,854	57,307
General government industry	588	562	514	530

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	588	562	514	530
New construction	54	73	96	98
Truck transportation	52	60	56	47
Maintenance and repair construction	44	53	57	48
Rail transportation	35	40	38	32

#### Indirect Defense Purchases Resulting from Direct Purchases

Petroleum and coal products	47	53	54	48
Administrative and support services	42	46	53	52
Wholesale trade	32	36	38	35
Real estate	31	35	37	33
Truck transportation	23	26	26	23

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## 28 Nebraska Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	3,121	3,258	3,178	3,009
Indirect Defense Purchases Resulting from Direct Purchases	1,251	1,412	1,475	1,326
Induced Defense Purchases Resulting from Direct Pay	793	738	616	642
Total Nondefense Expenditures	146,695	144,771	140,486	142,095
Total Output	151,883	150,204	145,782	147,096
General government industry	1,403	1,307	1,172	1,212

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	1,403	1,307	1,172	1,212
Retail trade	294	323	345	334
Computer systems design and related services	243	266	278	252
Truck transportation	243	281	261	218
Professional, scientific and technical services	215	236	238	202

##### Indirect Defense Purchases Resulting from Direct Purchases

Truck transportation	107	121	122	107
Wholesale trade	86	98	103	93
Rail transportation	80	92	96	86
Professional, scientific and technical services	65	75	76	63
Fabricated metal products	60	67	72	65

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**29 Nevada Summary**(Millions of 2010 dollars)

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**Actual****2007      2008      2009      2010**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	3,956	4,298	4,319	4,057
Indirect Defense Purchases Resulting from Direct Purchases	1,593	1,794	1,880	1,688
Induced Defense Purchases Resulting from Direct Pay	919	873	731	762
Total Nondefense Expenditures	188,392	187,570	181,273	182,548
Total Output	194,878	194,556	188,220	189,071
General government industry	1,673	1,687	1,578	1,623

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

General government industry	1,673	1,687	1,578	1,623
Accommodation	534	598	614	559
Professional, scientific and technical services	283	311	313	264
New construction	230	287	340	321
Maintenance and repair construction	145	175	192	166

**Indirect Defense Purchases Resulting from Direct Purchases**

Accommodation	178	199	211	191
Real estate	150	169	177	162
Administrative and support services	133	148	154	137
Banks, credit cards and finance	128	145	153	139
Management of companies and enterprises	104	118	123	111

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## 30 New Hampshire Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,957	2,105	2,244	2,036
Indirect Defense Purchases Resulting from Direct Purchases	958	1,086	1,150	1,045
Induced Defense Purchases Resulting from Direct Pay	369	340	282	294
Total Nondefense Expenditures	106,252	106,277	102,377	103,402
Total Output	109,538	109,810	106,056	106,778
General government industry	425	374	347	352

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	425	374	347	352
Professional, scientific and technical services	406	432	462	440
Search, detection and navigation equipment	212	256	322	273
Aerospace products and parts	129	147	156	141
Fabricated metal products	109	120	124	105

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	122	137	148	138
Fabricated metal products	91	102	109	98
Wholesale trade	71	80	85	76
Real estate	67	75	79	72
Banks, credit cards and finance	40	46	48	44

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## 31 New Jersey Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	12,042	13,207	13,420	12,492
Indirect Defense Purchases Resulting from Direct Purchases	8,282	9,357	9,867	8,943
Induced Defense Purchases Resulting from Direct Pay	2,653	2,671	2,234	2,331
Total Nondefense Expenditures	881,290	894,978	866,241	875,155
Total Output	904,312	920,260	891,812	898,967
General government industry	2,425	2,447	1,966	2,028

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Professional, scientific and technical services	3,808	4,147	4,552	4,361
General government industry	2,425	2,447	1,966	2,028
Air transportation	634	705	744	662
Truck transportation	442	510	476	397
New construction	332	415	495	470

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	1,147	1,318	1,462	1,365
Wholesale trade	718	814	857	770
Real estate	566	636	669	610
Other chemicals	490	548	578	528
Administrative and support services	367	406	424	381

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## 32 New Mexico Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	4,190	4,214	4,078	3,903
Indirect Defense Purchases Resulting from Direct Purchases	1,666	1,927	2,024	1,826
Induced Defense Purchases Resulting from Direct Pay	971	901	754	785
Total Nondefense Expenditures	143,243	140,372	136,751	138,136
Total Output	150,092	147,437	143,632	144,673
General government industry	2,209	2,011	1,773	1,830

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	2,209	2,011	1,773	1,830
Professional, scientific and technical services	820	861	901	848
Administrative and support services	141	158	156	122
Maintenance and repair construction	111	129	134	109
New construction	108	143	182	182

#### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	247	274	289	265
Administrative and support services	231	258	269	241
Crude oil extraction	164	210	212	187
Semiconductors and other electronic components	114	158	173	156
Petroleum and coal products	89	101	104	91

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

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### 33 New York Summary

(Millions of 2010 dollars)

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#### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	16,868	18,278	18,963	17,764
Indirect Defense Purchases Resulting from Direct Purchases	14,106	15,909	16,699	15,089
Induced Defense Purchases Resulting from Direct Pay	5,620	5,363	4,494	4,699
Total Nondefense Expenditures	1,862,085	1,869,146	1,813,833	1,832,677
Total Output	1,898,737	1,908,777	1,854,048	1,870,283
General government industry	3,602	3,420	3,020	3,130

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	3,602	3,420	3,020	3,130
Professional, scientific and technical services	2,072	2,193	2,313	2,182
Aerospace products and parts	1,594	1,660	1,832	1,790
Telecommunications	793	894	960	841
Ship and boat building	775	880	880	798

##### Indirect Defense Purchases Resulting from Direct Purchases

Real estate	1,440	1,618	1,701	1,550
Telecommunications	1,180	1,339	1,423	1,282
Management of companies and enterprises	1,114	1,262	1,322	1,189
Wholesale trade	1,017	1,153	1,214	1,091
Banks, credit cards and finance	919	1,041	1,101	997

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## 34 North Carolina Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	14,271	14,618	14,070	13,696
Indirect Defense Purchases Resulting from Direct Purchases	6,603	7,463	7,838	7,062
Induced Defense Purchases Resulting from Direct Pay	5,444	5,067	4,233	4,411
Total Nondefense Expenditures	720,675	716,304	692,369	699,878
Total Output	747,192	743,666	718,739	725,247
General government industry	9,522	9,120	8,299	8,607

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	9,522	9,120	8,299	8,607
New construction	520	679	855	845
Truck transportation	434	502	468	391
Maintenance and repair construction	419	493	517	428
Professional, scientific and technical services	388	424	449	412

##### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	535	595	618	549
Banks, credit cards and finance	500	567	599	543
Wholesale trade	388	440	464	416
Other chemicals	372	416	439	401
Fabricated metal products	326	366	391	352

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## 35 North Dakota Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,228	1,277	1,248	1,230
Indirect Defense Purchases Resulting from Direct Purchases	399	452	473	425
Induced Defense Purchases Resulting from Direct Pay	368	340	284	296
Total Nondefense Expenditures	49,548	48,818	47,336	47,846
Total Output	51,557	50,902	49,358	49,813
General government industry	802	770	693	723

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	802	770	693	723
New construction	83	116	158	164
Truck transportation	56	65	60	50
Maintenance and repair construction	48	56	58	47
Telecommunications	36	41	44	39

##### Indirect Defense Purchases Resulting from Direct Purchases

Wholesale trade	39	44	46	42
Truck transportation	22	25	25	22
Administrative and support services	18	20	21	19
Electric utilities	18	20	21	19
Real estate	18	20	21	19

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### 36 Ohio Summary

(Millions of 2010 dollars)

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#### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	13,222	14,093	13,842	12,960
Indirect Defense Purchases Resulting from Direct Purchases	10,585	11,898	12,500	11,280
Induced Defense Purchases Resulting from Direct Pay	3,449	3,340	2,747	2,868
Total Nondefense Expenditures	982,860	988,220	947,881	959,262
Total Output	1,010,279	1,017,720	977,178	986,548
General government industry	3,883	3,679	3,019	3,103

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	3,883	3,679	3,019	3,103
Professional, scientific and technical services	2,387	2,552	2,698	2,519
Aerospace products and parts	1,197	1,263	1,413	1,375
Truck transportation	701	810	755	631
Retail trade	566	621	664	643

##### Indirect Defense Purchases Resulting from Direct Purchases

Fabricated metal products	990	1,111	1,186	1,070
Nonferrous metals	929	994	1,051	954
Professional, scientific and technical services	719	811	866	789
Iron and steel	597	661	696	614
Wholesale trade	543	616	649	583

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### 37 Oklahoma Summary

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	7,069	7,488	7,014	6,689
Indirect Defense Purchases Resulting from Direct Purchases	2,848	3,260	3,406	3,048
Induced Defense Purchases Resulting from Direct Pay	1,813	1,837	1,537	1,603
Total Nondefense Expenditures	272,880	278,145	271,494	275,080
Total Output	284,658	290,784	283,505	286,467
General government industry	4,102	4,066	3,446	3,565

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	4,102	4,066	3,446	3,565
New construction	381	463	516	460
Professional, scientific and technical services	347	384	406	365
Maintenance and repair construction	249	292	299	240
Truck transportation	192	222	206	172

##### Indirect Defense Purchases Resulting from Direct Purchases

Administrative and support services	290	323	335	299
Crude oil extraction	245	313	315	278
Fabricated metal products	163	183	195	176
Electric utilities	153	173	184	166
Wholesale trade	119	135	142	127

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## 38 Oregon Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	2,791	2,913	2,836	2,581
Indirect Defense Purchases Resulting from Direct Purchases	2,847	3,274	3,484	3,155
Induced Defense Purchases Resulting from Direct Pay	914	848	703	730
Total Nondefense Expenditures	281,895	282,841	271,413	273,827
Total Output	288,464	289,892	278,460	280,315
General government industry	954	816	733	744

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	954	816	733	744
Motor vehicles	323	374	347	302
Waste management and remediation	203	233	216	148
Truck transportation	182	211	196	164
Communications and audio-video equipment	132	134	143	140

##### Indirect Defense Purchases Resulting from Direct Purchases

Semiconductors and other electronic components	336	466	510	460
Wholesale trade	189	214	225	202
Real estate	171	192	202	185
Nonferrous metals	151	162	171	155
Communications and audio-video equipment	125	144	165	152

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### 39 Pennsylvania Summary

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	15,473	16,677	16,395	15,050
Indirect Defense Purchases Resulting from Direct Purchases	10,675	12,005	12,661	11,447
Induced Defense Purchases Resulting from Direct Pay	3,345	3,309	2,764	2,882
Total Nondefense Expenditures	1,071,630	1,080,929	1,045,142	1,057,287
Total Output	1,101,203	1,113,010	1,077,059	1,086,749
General government industry	3,637	3,372	2,715	2,778

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	3,637	3,372	2,715	2,778
Other transportation equipment	1,774	2,045	1,763	1,357
Professional, scientific and technical services	1,764	1,869	1,994	1,904
Aerospace products and parts	998	1,143	1,307	1,248
Truck transportation	680	786	733	611

##### Indirect Defense Purchases Resulting from Direct Purchases

Nonferrous metals	873	934	988	897
Fabricated metal products	636	713	761	687
Wholesale trade	579	657	692	621
Iron and steel	561	622	655	577
Petroleum and coal products	545	618	634	555

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## 40 Rhode Island Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,581	1,509	1,419	1,341
Indirect Defense Purchases Resulting from Direct Purchases	735	832	873	784
Induced Defense Purchases Resulting from Direct Pay	455	424	354	370
Total Nondefense Expenditures	98,144	95,997	93,562	94,766
Total Output	100,929	98,778	96,227	97,276
General government industry	888	718	574	590

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	888	718	574	590
Professional, scientific and technical services	223	249	251	210
Aerospace products and parts	71	83	96	91
Search, detection and navigation equipment	64	72	86	77
New construction	42	56	72	73

#### Indirect Defense Purchases Resulting from Direct Purchases

Banks, credit cards and finance	74	83	88	80
Professional, scientific and technical services	67	79	81	66
Real estate	58	65	68	62
Fabricated metal products	58	65	69	62
Wholesale trade	45	51	53	48

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## 41 South Carolina Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	8,627	8,709	8,429	7,865
Indirect Defense Purchases Resulting from Direct Purchases	3,721	4,170	4,319	3,838
Induced Defense Purchases Resulting from Direct Pay	2,137	1,897	1,580	1,648
Total Nondefense Expenditures	284,764	280,316	269,627	272,989
Total Output	299,287	295,131	283,996	286,378
General government industry	4,417	3,924	3,570	3,680

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	4,417	3,924	3,570	3,680
Other repair and maintenance, personal services	641	713	726	615
Other transportation equipment	549	633	545	420
Professional, scientific and technical services	502	559	561	464
Fabricated metal products	280	284	336	319

#### Indirect Defense Purchases Resulting from Direct Purchases

Other repair and maintenance, personal services	672	728	716	612
Fabricated metal products	237	265	283	256
Wholesale trade	158	180	189	170
Professional, scientific and technical services	151	178	180	145
Nonferrous metals	147	157	166	151

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## 42 South Dakota Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,130	1,175	1,186	1,162
Indirect Defense Purchases Resulting from Direct Purchases	458	517	545	493
Induced Defense Purchases Resulting from Direct Pay	334	306	256	267
Total Nondefense Expenditures	58,918	58,703	57,049	57,738
Total Output	60,848	60,711	59,046	59,668
General government industry	536	491	448	462

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	536	491	448	462
Dairy products, meat and seafood	225	246	264	263
Truck transportation	60	69	64	54
New construction	39	55	75	78
Maintenance and repair construction	34	45	54	50

#### Indirect Defense Purchases Resulting from Direct Purchases

Banks, credit cards and finance	86	97	103	93
Wholesale trade	34	39	41	37
Truck transportation	24	27	28	24
Animal production	22	24	25	24
Real estate	19	21	22	20

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### 43 Tennessee Summary

(Millions of 2010 dollars)

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**Actual**

**2007      2008      2009      2010**

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**AGGREGATE MEASURES**

Total Direct Expenditures (Purchases and Pay)	8,151	8,724	8,829	8,034
Indirect Defense Purchases Resulting from Direct Purchases	4,666	5,265	5,530	5,000
Induced Defense Purchases Resulting from Direct Pay	1,901	1,779	1,470	1,533
Total Nondefense Expenditures	469,855	470,237	452,002	456,949
Total Output	484,633	486,070	467,908	471,581
General government industry	1,928	1,750	1,596	1,617

**LARGEST PURCHASES BY INDUSTRIAL SECTORS**

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

Air transportation	2,462	2,759	2,965	2,548
General government industry	1,928	1,750	1,596	1,617
Professional, scientific and technical services	969	1,003	1,053	1,013
Truck transportation	564	651	607	507
Fabricated metal products	183	186	217	202

**Indirect Defense Purchases Resulting from Direct Purchases**

Fabricated metal products	360	404	431	389
Transportation support, sightseeing, couriers	348	398	404	356
Wholesale trade	309	351	370	332
Professional, scientific and technical services	292	319	338	317
Truck transportation	259	292	296	260

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## 44 Texas Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	49,991	55,180	56,038	53,344
Indirect Defense Purchases Resulting from Direct Purchases	25,390	29,021	30,423	27,309
Induced Defense Purchases Resulting from Direct Pay	9,533	9,532	7,988	8,327
Total Nondefense Expenditures	2,082,052	2,108,510	2,041,736	2,061,528
Total Output	2,167,236	2,202,518	2,136,485	2,150,790
General government industry	15,652	16,831	15,220	15,726

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	15,652	16,831	15,220	15,726
Aerospace products and parts	12,276	13,093	14,660	14,195
Professional, scientific and technical services	4,284	4,569	4,874	4,624
Motor vehicles	2,392	2,769	2,573	2,266
Air transportation	1,360	1,502	1,555	1,432

##### Indirect Defense Purchases Resulting from Direct Purchases

Petroleum and coal products	3,069	3,483	3,571	3,128
Legal services	1,670	1,879	1,989	1,799
Crude oil extraction	1,649	2,110	2,125	1,878
Administrative and support services	1,458	1,617	1,703	1,542
Wholesale trade	1,290	1,463	1,541	1,384

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## 45 Utah Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	6,067	6,073	5,996	5,694
Indirect Defense Purchases Resulting from Direct Purchases	2,392	2,712	2,895	2,634
Induced Defense Purchases Resulting from Direct Pay	1,161	1,078	900	939
Total Nondefense Expenditures	211,726	201,989	195,816	198,415
Total Output	221,395	211,905	205,671	207,735
General government industry	2,474	2,014	1,609	1,660

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	2,474	2,014	1,609	1,660
Professional, scientific and technical services	1,677	1,851	2,083	2,027
New construction	227	282	334	315
Air transportation	164	181	188	173
Truck transportation	161	186	173	145

#### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	505	588	669	635
Administrative and support services	237	264	274	244
Nonferrous metals	129	138	146	133
Banks, credit cards and finance	107	121	128	116
Real estate	98	110	116	105

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## 46 Vermont Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,082	1,179	1,316	1,219
Indirect Defense Purchases Resulting from Direct Purchases	371	424	452	412
Induced Defense Purchases Resulting from Direct Pay	154	144	120	125
Total Nondefense Expenditures	43,147	43,190	41,581	42,022
Total Output	44,761	44,944	43,477	43,783
General government industry	166	150	136	139

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Communications and audio-video equipment	255	307	379	337
Fabricated metal products	179	177	211	202
General government industry	166	150	136	139
Professional, scientific and technical services	140	153	171	166
Semiconductors and other electronic components	92	103	120	110

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	42	49	55	52
Real estate	25	28	29	27
Wholesale trade	24	28	29	26
Fabricated metal products	24	27	28	26
Semiconductors and other electronic components	20	28	31	28

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## 47 Virginia Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	65,818	71,323	70,360	64,673
Indirect Defense Purchases Resulting from Direct Purchases	14,965	16,915	17,719	15,768
Induced Defense Purchases Resulting from Direct Pay	8,143	8,331	6,984	7,281
Total Nondefense Expenditures	792,010	836,461	815,682	831,230
Total Output	881,106	933,186	910,908	919,125
General government industry	20,067	20,091	17,220	17,774

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	20,067	20,091	17,220	17,774
Professional, scientific and technical services	15,286	16,630	17,100	15,099
Computer systems design and related services	6,616	7,417	7,715	6,725
Ship and boat building	5,152	5,848	5,853	5,303
Telecommunications	2,372	2,681	2,883	2,544

#### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	4,602	5,284	5,493	4,727
Administrative and support services	1,558	1,734	1,817	1,637
Information and data processing	1,366	1,551	1,634	1,475
Computer systems design and related services	1,192	1,335	1,427	1,291
Legal services	642	686	732	703

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## 48 Washington Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	13,567	14,482	14,060	13,656
Indirect Defense Purchases Resulting from Direct Purchases	5,441	6,142	6,477	5,881
Induced Defense Purchases Resulting from Direct Pay	3,509	3,503	2,931	3,055
Total Nondefense Expenditures	558,894	565,482	548,532	554,497
Total Output	581,713	589,927	572,397	577,413
General government industry	7,238	7,366	6,489	6,709

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	7,238	7,366	6,489	6,709
Professional, scientific and technical services	1,546	1,595	1,671	1,611
Aerospace products and parts	856	996	1,148	1,095
New construction	462	598	746	731
Water transportation	303	345	328	280

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	465	507	537	504
Aerospace products and parts	446	528	592	588
Administrative and support services	389	432	449	400
Real estate	363	408	429	391
Wholesale trade	340	386	406	365

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## 49 West Virginia Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	1,135	1,145	1,152	1,087
Indirect Defense Purchases Resulting from Direct Purchases	1,054	1,186	1,250	1,123
Induced Defense Purchases Resulting from Direct Pay	351	318	265	276
Total Nondefense Expenditures	103,525	103,073	99,585	100,719
Total Output	106,083	105,741	102,274	103,224
General government industry	478	394	352	358

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	478	394	352	358
Professional, scientific and technical services	82	87	90	83
Truck transportation	80	92	86	72
Computer systems design and related services	68	74	78	72
New construction	65	91	125	130

#### Indirect Defense Purchases Resulting from Direct Purchases

Nonferrous metals	86	92	98	89
Coal mining	63	70	75	66
Iron and steel	55	61	65	57
Wholesale trade	51	58	61	55
Other chemicals	50	56	59	54

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## 50 Wisconsin Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	5,063	5,567	5,543	5,017
Indirect Defense Purchases Resulting from Direct Purchases	5,004	5,668	5,986	5,399
Induced Defense Purchases Resulting from Direct Pay	1,213	1,129	934	973
Total Nondefense Expenditures	443,662	444,275	425,982	430,738
Total Output	454,969	456,662	438,485	442,160
General government industry	751	647	588	598

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

Motor vehicles	1,172	1,342	1,262	1,113
General government industry	751	647	588	598
Truck transportation	456	527	491	411
Insurance	352	397	437	418
Fabricated metal products	250	261	292	266

##### Indirect Defense Purchases Resulting from Direct Purchases

Fabricated metal products	549	616	658	593
Insurance	511	604	664	589
Wholesale trade	251	285	300	269
Nonferrous metals	248	265	281	255
Paper	239	270	282	252

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

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## 51 Wyoming Summary

(Millions of 2010 dollars)

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### Actual

	2007	2008	2009	2010
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### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	814	854	830	796
Indirect Defense Purchases Resulting from Direct Purchases	564	656	682	609
Induced Defense Purchases Resulting from Direct Pay	224	210	176	183
Total Nondefense Expenditures	51,816	51,557	50,065	50,524
Total Output	53,424	53,282	51,759	52,118
General government industry	467	453	412	427

### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	467	453	412	427
Rail transportation	55	63	59	50
Truck transportation	47	54	50	42
New construction	38	49	61	60
Maintenance and repair construction	26	31	34	29

#### Indirect Defense Purchases Resulting from Direct Purchases

Crude oil extraction	98	126	127	112
Natural gas extraction	44	54	55	49
Coal mining	44	49	52	46
Petroleum and coal products	30	34	35	31
Rail transportation	28	32	33	30

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## 52 Entire United States Summary

(Millions of 2010 dollars)

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### Actual

2007      2008      2009      2010

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#### AGGREGATE MEASURES

Total Direct Expenditures (Purchases and Pay)	586,757	629,615	630,773	591,866
Indirect Defense Purchases Resulting from Direct Purchases	278,650	315,138	331,151	298,460
Induced Defense Purchases Resulting from Direct Pay	118,832	114,867	95,855	99,955
Total Nondefense Expenditures	25,765,700	25,907,324	25,048,207	25,330,367
Total Output	26,749,939	26,966,944	26,105,985	26,320,648
General government industry	188,796	183,566	161,063	166,241

#### LARGEST PURCHASES BY INDUSTRIAL SECTORS

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

General government industry	188,796	183,566	161,063	166,241
Professional, scientific and technical services	97,523	103,854	109,334	102,128
Aerospace products and parts	40,862	45,373	51,304	49,212
Ship and boat building	17,457	19,645	19,746	17,966
New construction	15,659	20,052	24,699	24,026

##### Indirect Defense Purchases Resulting from Direct Purchases

Professional, scientific and technical services	29,363	33,001	35,120	31,972
Administrative and support services	16,458	18,284	19,119	17,189
Real estate	14,865	16,710	17,554	15,978
Wholesale trade	14,706	16,671	17,563	15,773
Fabricated metal products	11,653	13,065	13,948	12,587

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



## **APPENDIX A**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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### 1 Oilseed farming

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	3	3	4	4
Indirect Purchases	88	97	101	94
Total:	92	101	105	98

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### 2 Grain farming

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	0	0	1	1
Indirect Purchases	178	198	208	195
Total:	178	198	209	196

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### 3 Vegetable and melon farming

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	114	131	136	137
Indirect Purchases	58	65	67	60
Total:	171	197	202	198

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Note: Numbers may not add due to rounding

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#### 4 Fruit and nut farming

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	9	9	9	9
Indirect Purchases	43	49	50	46
Total:	52	58	59	56

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

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	2	2	1
Indirect Purchases	183	205	212	187
Total:	185	206	214	188

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#### 6 Tobacco farming

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	0	0	0	0
Total:	0	0	0	0

Note: Numbers may not add due to rounding

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### 7 Cotton farming

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Indirect Purchases	70	81	81	72
Total:	70	81	81	72

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### 8 Sugarcane and sugar beet farming

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Indirect Purchases	13	15	16	15
Total:	13	15	16	15

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### 9 All other crop farming

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	2	2	2	1
Indirect Purchases	89	100	107	101
Total:	91	102	108	102

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Note: Numbers may not add due to rounding

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## 10 Cattle ranching and dairy farming

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	705	778	822	786
Total:	705	778	823	787

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## 11 Poultry and egg production

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	42	45	49	49
Indirect Purchases	89	100	103	93
Total:	131	145	152	141

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## 12 Animal production, except cattle and poultry and eggs

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	6	6	5
Indirect Purchases	260	289	307	295
Total:	266	295	314	301

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Note: Numbers may not add due to rounding

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### 13 Forestry and logging

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	2	2	1
Indirect Purchases	1,015	1,160	1,263	1,154
Total:	1,016	1,162	1,265	1,155

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### 14 Fishing, hunting and trapping

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	2
Indirect Purchases	102	113	117	104
Total:	104	115	119	106

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### 15 Agriculture and forestry support activities

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	55	62	66	57
Indirect Purchases	286	323	346	318
Total:	341	385	412	375

Note: Numbers may not add due to rounding

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## 16 Crude oil and natural gas extraction

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	23	54	33	38
Indirect Purchases	8,624	10,218	10,210	9,095
Total:	8,646	10,272	10,243	9,133

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## 17 Reserved (for natural gas)

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	1,997	2,322	2,375	2,100
Total:	1,997	2,322	2,375	2,100

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## 18 Coal mining

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	5	5	5
Indirect Purchases	707	797	844	744
Total:	712	801	850	748

Note: Numbers may not add due to rounding

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**19 Iron ore mining**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	132	145	154	135
Total:	132	145	154	135

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**20 Copper, nickel, lead, and zinc mining**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	0	0	0
Indirect Purchases	154	159	171	156
Total:	154	159	171	156

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**21 Gold, silver, and other metal ore mining**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	2	2	2	2
Indirect Purchases	87	89	96	86
Total:	89	91	98	88

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*Note: Numbers may not add due to rounding*

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## 22 Stone mining and quarrying

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	8	9	9
Indirect Purchases	193	223	240	210
Total:	199	231	249	219

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## 23 Sand, gravel, clay and refractory mining

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	2
Indirect Purchases	127	147	162	147
Total:	129	149	164	149

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## 24 Other nonmetallic mineral mining

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	1
Indirect Purchases	131	154	168	147
Total:	133	156	170	148

Note: Numbers may not add due to rounding

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## 25 Oil and gas drilling and support activities

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3	3	3	2
Indirect Purchases	112	141	143	127
Total:	115	144	146	129

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## 26 Support activities for other mining

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	1
Indirect Purchases	20	23	24	21
Total:	22	25	26	23

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## 27 Electric Utilities

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,525	5,193	5,533	4,765
Indirect Purchases	4,926	5,514	5,762	5,116
Total:	9,451	10,707	11,294	9,881

Note: Numbers may not add due to rounding

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## 28 Natural gas distribution

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	854	972	1,034	875
Indirect Purchases	1,404	1,577	1,647	1,476
Total:	2,257	2,549	2,681	2,351

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## 29 Water, sewage and other systems

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,025	1,189	1,237	1,038
Indirect Purchases	430	482	505	451
Total:	1,454	1,672	1,741	1,489

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## 30 New residential construction

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	473	572	757	818
Indirect Purchases	0	0	0	0
Total:	473	572	757	818

Note: Numbers may not add due to rounding

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### 31 New non-residential building construction

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	12,714	16,544	20,510	19,930
Indirect Purchases	8	8	11	7
Total:	12,722	16,552	20,521	19,936

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### 32 Highway, street, bridge, and tunnel construction

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	715	834	947	872
Indirect Purchases	0	0	0	0
Total:	715	834	947	873

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### 33 Water, sewer, and pipeline construction

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	277	323	363	329
Indirect Purchases	0	0	0	0
Total:	277	324	363	329

Note: Numbers may not add due to rounding

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**34 Other new construction**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,481	1,779	2,123	2,077
Indirect Purchases	1	1	1	1
Total:	1,482	1,779	2,124	2,078

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**35 Maintenance and repair of residential structures**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	549	621	624	495
Indirect Purchases	127	144	151	136
Total:	676	765	776	631

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**36 Maintenance and repair of nonresidential buildings**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,022	9,776	10,780	9,359
Indirect Purchases	2,181	2,417	2,521	2,267
Total:	10,203	12,193	13,302	11,627

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*Note: Numbers may not add due to rounding*

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**37 Maintenance and repair of infrastructure, and other nonresidential maintenance and repair**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,084	2,354	2,313	1,780
Indirect Purchases	548	623	658	581
Total:	2,632	2,977	2,972	2,360

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**38 Dog and cat food**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	1	1	1	1
Total:	1	1	1	1

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**39 Other animal food**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7	7	8	8
Indirect Purchases	132	146	154	146
Total:	139	153	162	154

Note: Numbers may not add due to rounding

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**40 Flour and rice milling, and malt**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3	3	3	3
Indirect Purchases	29	32	34	31
Total:	32	35	37	34

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**41 Wet corn milling**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	34	38	40	36
Total:	34	39	40	36

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**42 Soybean and other oilseed processing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	22	24	26	25
Indirect Purchases	74	82	86	80
Total:	95	106	111	105

Note: Numbers may not add due to rounding

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**43 Fats and oils refining and blending**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	30	33	34	31
Total:	30	34	35	32

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**44 Breakfast cereals**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	6	6	7	6
Total:	6	7	7	6

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**45 Sugar manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	5	5	5
Indirect Purchases	25	28	29	27
Total:	29	32	34	31

Note: Numbers may not add due to rounding

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**46 Confectioneries**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	17	18	20	20
Indirect Purchases	31	35	36	32
Total:	48	53	56	52

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**47 Frozen food**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	17	19	20	20
Indirect Purchases	42	47	49	43
Total:	59	66	69	64

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**48 Fruit and vegetable canning and drying**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	5	23	11	16
Indirect Purchases	64	72	74	67
Total:	69	95	85	83

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*Note: Numbers may not add due to rounding*

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**49 Dairy products**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	113	125	133	133
Indirect Purchases	261	292	302	270
Total:	374	416	435	402

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**50 Meat products, except poultry**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	597	653	703	699
Indirect Purchases	348	389	405	374
Total:	945	1,042	1,107	1,073

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**51 Poultry processing**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	4	4	5	5
Indirect Purchases	108	121	124	110
Total:	112	125	129	115

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*Note: Numbers may not add due to rounding*

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## 52 Seafood product preparation and packaging

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	9	10	11	11
Indirect Purchases	64	71	73	65
Total:	73	81	85	76

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## 53 Bakery and pasta products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	44	49	51	51
Indirect Purchases	163	182	188	167
Total:	206	231	239	218

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## 54 Other food manufacturing, snacks, coffee, condiments, nuts, etc.

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	105	125	126	127
Indirect Purchases	297	332	343	309
Total:	402	457	469	436

Note: Numbers may not add due to rounding

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## 55 Soft drink and ice manufacturing

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	133	147	153	142
Indirect Purchases	75	84	86	77
Total:	208	231	239	218

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## 56 Breweries

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	40	44	46	40
Total:	40	44	46	41

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## 57 Wineries

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	35	39	41	37
Total:	35	40	41	37

Note: Numbers may not add due to rounding

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**58 Distilleries**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	48	54	56	50
Total:	48	54	56	50

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**59 Tobacco products**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	0	0	0
Indirect Purchases	0	0	0	0
Total:	0	0	0	0

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**60 Fiber, yarn, and thread mills**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	1	0	0
Indirect Purchases	226	260	258	227
Total:	227	261	259	228

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*Note: Numbers may not add due to rounding*

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### 61 Fabric mills

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	11	13	13	12
Indirect Purchases	732	835	813	726
Total:	743	848	826	738

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### 62 Textile and fabric finishing mills

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	29	46	40	41
Indirect Purchases	199	227	224	200
Total:	228	273	265	240

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### 63 Carpet and rug mills

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	5	6	7	7
Indirect Purchases	188	204	220	209
Total:	193	210	228	217

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Note: Numbers may not add due to rounding

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### 64 Curtain and linen mills

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7	8	9	8
Indirect Purchases	20	23	23	22
Total:	27	31	32	30

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### 65 Other textile and fabric product mills

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	424	527	511	390
Indirect Purchases	403	458	470	420
Total:	827	984	981	810

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### 66 Hosiery

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	19	21	20	21
Indirect Purchases	1	2	2	2
Total:	21	22	22	23

Note: Numbers may not add due to rounding

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**67 Knit apparel, except hosiery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	16	18	17	18
Indirect Purchases	0	0	0	0
Total:	16	18	17	18

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**68 Apparel, cut and sewn**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,105	1,242	1,180	1,154
Indirect Purchases	287	323	319	291
Total:	1,392	1,565	1,500	1,445

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**69 Accessories and other apparel**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,357	2,647	2,488	2,084
Indirect Purchases	52	58	55	47
Total:	2,409	2,705	2,543	2,130

Note: Numbers may not add due to rounding

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### 70 Shoes and other leather products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	166	194	181	184
Indirect Purchases	242	279	272	237
Total:	408	473	453	421

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### 71 Sawmills and wood preservation

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	863	985	1,070	972
Total:	863	985	1,071	973

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

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8	20	14	18
Indirect Purchases	430	503	559	519
Total:	438	523	573	536

Note: Numbers may not add due to rounding

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**73 Millwork**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1	2	2	2
Indirect Purchases	375	447	502	462
Total:	376	449	504	464

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**74 Wood containers and pallets**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	96	104	115	102
Indirect Purchases	112	127	132	120
Total:	208	231	248	221

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**75 Manufactured homes, mobile homes**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	8	10	13	13
Indirect Purchases	0	0	0	0
Total:	8	10	13	13

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*Note: Numbers may not add due to rounding*

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**76 Prefabricated wood buildings**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7	8	9	8
Indirect Purchases	82	102	119	111
Total:	89	110	128	119

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**77 Miscellaneous wood products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	9	8	12	10
Indirect Purchases	116	134	144	130
Total:	125	142	156	141

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**78 Pulp mills**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	140	159	166	148
Total:	140	159	166	148

Note: Numbers may not add due to rounding

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**79 Paper and paperboard mills**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	26	29	30	30
Indirect Purchases	1,686	1,885	1,967	1,740
Total:	1,712	1,913	1,997	1,770

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**80 Paperboard containers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	7	6	5
Indirect Purchases	802	892	924	821
Total:	808	899	931	826

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**81 Flexible packaging foil and surface coated paperboard**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	23	26	27	25
Total:	23	26	27	25

Note: Numbers may not add due to rounding

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## 82 Paper bag and coated and treated paper

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	44	49	50	45
Indirect Purchases	372	415	437	398
Total:	416	463	487	442

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## 83 Stationery products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	11	10	14	12
Indirect Purchases	128	144	149	133
Total:	139	154	163	144

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## 84 Sanitary paper products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	23	25	27	26
Total:	23	26	27	26

Note: Numbers may not add due to rounding

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**85 All other converted paper products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	11	13	14	12
Indirect Purchases	48	54	57	51
Total:	59	66	70	63

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**86 Printing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,468	2,886	3,138	2,799
Indirect Purchases	2,102	2,266	2,283	1,981
Total:	4,569	5,152	5,421	4,779

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**87 Support activities for printing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	9	11	12	10
Indirect Purchases	231	255	267	239
Total:	240	266	278	250

Note: Numbers may not add due to rounding

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**88 Petroleum refineries**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	144	714	317	487
Indirect Purchases	11,532	13,009	13,269	11,623
Total:	11,676	13,722	13,585	12,109

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**89 Asphalt products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	16	18	17	12
Indirect Purchases	435	511	555	493
Total:	451	529	573	505

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**90 Lubricating and other petroleum products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	19	27	24	25
Indirect Purchases	263	300	309	272
Total:	282	328	333	297

Note: Numbers may not add due to rounding

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### 91 Petrochemicals

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	1	1	1	1
Indirect Purchases	1,000	1,116	1,175	1,071
Total:	1,001	1,117	1,176	1,071

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### 92 Industrial gas

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	13	21	16	15
Indirect Purchases	157	180	190	173
Total:	170	201	206	188

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### 93 Synthetic dyes and pigments

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	5	5	6	6
Indirect Purchases	171	194	203	183
Total:	176	199	209	189

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Note: Numbers may not add due to rounding

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**94 Other basic inorganic chemicals**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	21	24	22	18
Indirect Purchases	645	725	766	705
Total:	666	748	788	723

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**95 Other basic organic chemicals**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7	8	8	6
Indirect Purchases	1,785	1,977	2,074	1,892
Total:	1,791	1,985	2,081	1,898

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**96 Plastics material and resins**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	18	20	21	18
Indirect Purchases	2,173	2,430	2,536	2,291
Total:	2,191	2,450	2,557	2,309

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*Note: Numbers may not add due to rounding*

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**97 Synthetic rubber**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	5	5	6	5
Indirect Purchases	216	250	254	223
Total:	220	255	260	227

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**98 Cellulosic organic fibers**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	21	24	24	22
Total:	21	24	24	22

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**99 Noncellulosic organic fibers**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	2	2	2	1
Indirect Purchases	236	271	276	244
Total:	237	273	278	245

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*Note: Numbers may not add due to rounding*

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**100 Fertilizers**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	0	0	0
Indirect Purchases	276	323	349	318
Total:	276	323	349	318

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**101 Pesticide and other agricultural chemicals**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	4	5	4	3
Indirect Purchases	87	97	102	93
Total:	91	102	106	96

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**102 Pharmaceuticals and medicines**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	414	612	499	470
Indirect Purchases	372	439	435	414
Total:	786	1,051	935	884

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*Note: Numbers may not add due to rounding*

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**103 Paints and coatings**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	29	33	32	25
Indirect Purchases	699	792	827	754
Total:	728	824	860	778

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**104 Adhesives**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	4	4	4	3
Indirect Purchases	371	426	445	404
Total:	374	430	449	407

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**105 Soaps and cleaners**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	27	30	31	29
Indirect Purchases	454	522	540	487
Total:	481	552	571	516

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*Note: Numbers may not add due to rounding*

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### 106 Toiletries

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	0	0	0	0
Indirect Purchases	6	7	7	6
Total:	6	7	7	6

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### 107 Printing ink

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	1	1	1	1
Indirect Purchases	153	171	180	160
Total:	153	172	181	161

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### 108 Explosives

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	494	525	567	561
Indirect Purchases	198	201	217	215
Total:	691	725	783	776

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Note: Numbers may not add due to rounding

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**109 Custom compounding of purchased resins**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	6	6	6
Indirect Purchases	326	371	398	361
Total:	332	377	404	367

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**110 Photographic films and chemicals**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	10	11	11	10
Indirect Purchases	200	223	234	212
Total:	210	234	245	222

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**111 Other miscellaneous chemical products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	268	281	310	302
Indirect Purchases	248	278	297	272
Total:	516	559	607	574

Note: Numbers may not add due to rounding

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**112 Plastics packaging materials, film, and sheet**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	18	21	21	21
Indirect Purchases	633	709	744	672
Total:	651	731	766	693

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**113 Plastics pipe, fittings, and profile shapes**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	26	30	30	24
Indirect Purchases	325	370	394	358
Total:	350	400	424	382

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**114 Laminated plastics plate, sheet, and shapes**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	10	11	11	9
Indirect Purchases	79	89	95	86
Total:	89	101	106	94

Note: Numbers may not add due to rounding

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**115 Plastic foam products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	22	26	23	15
Indirect Purchases	233	265	281	253
Total:	255	290	304	268

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**116 Plastic bottles**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	0
Indirect Purchases	92	105	110	101
Total:	93	105	111	101

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**117 Resilient floor coverings**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	57	69	79	73
Total:	58	70	80	74

Note: Numbers may not add due to rounding

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**118 All other plastics products**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	71	81	81	67
Indirect Purchases	1,967	2,237	2,405	2,190
Total:	2,038	2,318	2,486	2,256

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**119 Tires**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	219	260	248	208
Indirect Purchases	421	482	476	418
Total:	640	741	724	626

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**120 Rubber and plastics hose and belting**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	7	8	8	5
Indirect Purchases	101	115	117	103
Total:	108	124	125	109

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*Note: Numbers may not add due to rounding*

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**121 Other rubber products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	30	35	34	28
Indirect Purchases	465	520	542	493
Total:	495	555	576	521

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**122 Pottery, ceramics, and plumbing fixtures**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	23	26	28	27
Indirect Purchases	55	64	68	62
Total:	78	89	96	89

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**123 Clay building materials and refractories manufacturin**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	15	16	17	15
Indirect Purchases	167	195	218	201
Total:	182	211	235	216

Note: Numbers may not add due to rounding

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**124 Glass containers**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	0	0	0
Indirect Purchases	20	23	23	21
Total:	20	23	24	21

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**125 Glass and glass products, except containers**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	52	59	58	46
Indirect Purchases	1,419	1,533	1,598	1,481
Total:	1,470	1,592	1,656	1,527

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**126 Cement**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1	2	2	1
Indirect Purchases	161	193	217	199
Total:	162	195	219	200

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*Note: Numbers may not add due to rounding*

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**127 Ready-mix concrete**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1	1	1	1
Indirect Purchases	261	313	353	324
Total:	262	313	355	325

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**128 Concrete products**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	17	20	20	16
Indirect Purchases	296	352	393	361
Total:	313	372	414	377

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**129 Lime**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1	1	1	0
Indirect Purchases	35	39	42	37
Total:	36	40	42	37

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*Note: Numbers may not add due to rounding*

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### 130 Gypsum products

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	0	0	0	0
Indirect Purchases	89	107	121	111
Total:	90	108	121	112

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### 131 Abrasive products

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	248	330	382	266
Indirect Purchases	309	354	374	337
Total:	557	684	756	602

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### 132 Cut stone and stone products

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	0	0	0	0
Indirect Purchases	28	36	44	43
Total:	28	36	45	43

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Note: Numbers may not add due to rounding

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### 133 Other nonmetallic mineral products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	8	8	8
Indirect Purchases	147	169	185	169
Total:	153	178	193	176

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### 134 Primary ferrous metal products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	82	98	98	81
Indirect Purchases	5,456	6,142	6,374	5,613
Total:	5,537	6,240	6,472	5,693

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### 135 Primary aluminum production

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	11	12	13	11
Indirect Purchases	2,202	2,398	2,590	2,361
Total:	2,213	2,410	2,602	2,372

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Note: Numbers may not add due to rounding

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**136 Aluminum products**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	314	303	425	358
Indirect Purchases	3,023	3,322	3,494	3,187
Total:	3,338	3,625	3,919	3,545

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**137 Primary copper**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1	1	1	1
Indirect Purchases	581	613	625	564
Total:	582	614	627	566

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**138 Nonferrous metal products, except copper and aluminum**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	5	5	5	3
Indirect Purchases	540	606	651	589
Total:	544	612	656	592

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*Note: Numbers may not add due to rounding*

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**139 Copper products**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	3	4	4	3
Indirect Purchases	1,500	1,658	1,664	1,479
Total:	1,504	1,662	1,668	1,482

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**140 Nonferrous metal processing except copper and aluminum**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	20	23	23	18
Indirect Purchases	705	771	856	775
Total:	725	794	879	793

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**141 Ferrous metal foundries**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	19	22	22	16
Indirect Purchases	695	778	806	716
Total:	714	800	828	732

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*Note: Numbers may not add due to rounding*

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**142 Aluminum foundries**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	2	2	1
Indirect Purchases	733	816	855	772
Total:	734	818	857	773

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**143 Nonferrous foundries, except aluminum**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	1
Indirect Purchases	230	256	268	242
Total:	231	257	270	243

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**144 Iron and steel forging**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	25	25	33	27
Indirect Purchases	371	420	424	372
Total:	396	445	457	399

Note: Numbers may not add due to rounding

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**145 Nonferrous forging**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	9	9	11	9
Indirect Purchases	256	288	316	292
Total:	265	297	327	301

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**146 Custom roll and stampings**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	382	453	517	466
Total:	383	453	518	466

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**147 All other forging and stamping**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	12	14	13	11
Indirect Purchases	523	593	637	582
Total:	534	607	650	592

Note: Numbers may not add due to rounding

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**148 Cutlery and flatware**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3	4	3	2
Indirect Purchases	21	23	24	21
Total:	24	27	27	24

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**149 Hand and edge tools, saws and sawblades**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	330	381	344	220
Indirect Purchases	139	156	163	146
Total:	469	538	507	366

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**150 Kitchen utensils, pots and pans**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	1	0	0
Indirect Purchases	87	100	112	102
Total:	87	100	113	102

Note: Numbers may not add due to rounding

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### 151 Architectural and structural metal products

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	267	312	325	282
Indirect Purchases	2,067	2,415	2,658	2,440
Total:	2,333	2,727	2,983	2,722

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### 152 Power boilers and heat exchangers

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	253	241	271	267
Indirect Purchases	42	49	54	50
Total:	295	291	325	317

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### 153 Metal tank (heavy gauge) manufacturing

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	75	90	85	70
Indirect Purchases	36	42	47	43
Total:	110	132	132	113

Note: Numbers may not add due to rounding

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**154 Metal cans, boxes, and other containers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	108	127	121	107
Indirect Purchases	117	134	140	127
Total:	224	262	261	234

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**155 Hardware, spring, and wire products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	164	193	195	184
Indirect Purchases	732	824	856	781
Total:	895	1,017	1,051	965

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**156 Machine shops, screws, nuts, bolts, turned products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	151	192	182	169
Indirect Purchases	3,773	4,283	4,263	3,700
Total:	3,924	4,476	4,445	3,869

Note: Numbers may not add due to rounding

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**157 Metal coating, engraving, heat treating, and allied activities**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	24	27	27	21
Indirect Purchases	1,413	1,612	1,720	1,570
Total:	1,437	1,638	1,748	1,591

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**158 Metal valves**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	199	249	235	207
Indirect Purchases	1,129	1,300	1,412	1,288
Total:	1,328	1,550	1,647	1,494

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**159 Ball and roller bearings**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	23	35	32	33
Indirect Purchases	407	457	483	440
Total:	431	492	515	473

Note: Numbers may not add due to rounding

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**160 Small arms**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,897	1,755	2,562	2,222
Indirect Purchases	68	63	91	79
Total:	1,965	1,818	2,653	2,300

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**161 Other ordnance and accessories**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	981	1,006	1,198	1,086
Indirect Purchases	5	5	5	5
Total:	986	1,010	1,203	1,090

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**162 Other miscellaneous fabricated metal products**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	336	367	414	354
Indirect Purchases	1,237	1,348	1,494	1,385
Total:	1,573	1,714	1,908	1,739

Note: Numbers may not add due to rounding

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**163 Ammunition**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,349	4,395	4,745	4,753
Indirect Purchases	111	111	120	119
Total:	4,460	4,506	4,866	4,872

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**164 Farm, lawn and garden machinery and equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	16	19	17	12
Indirect Purchases	55	62	65	57
Total:	71	80	82	69

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**165 Construction machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	138	183	181	170
Indirect Purchases	195	230	240	213
Total:	334	413	421	383

Note: Numbers may not add due to rounding

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**166 Mining, oil and gas field machinery and equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7	18	11	13
Indirect Purchases	34	40	41	35
Total:	41	58	52	48

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**167 Sawmill and woodworking machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	0	0	0	0
Total:	1	1	1	1

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**168 Plastics and rubber industry machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5	6	6	4
Indirect Purchases	36	42	44	38
Total:	41	48	50	42

Note: Numbers may not add due to rounding

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**169 Paper industry machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	14	15	16	14
Total:	14	16	16	14

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**170 Textile machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	9	10	10	9
Total:	10	12	12	10

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**171 Printing machinery and equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	29	34	33	24
Indirect Purchases	55	63	66	59
Total:	85	96	99	83

Note: Numbers may not add due to rounding

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### 172 Food product machinery

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	7	8	9	8
Indirect Purchases	7	8	8	7
Total:	14	16	17	15

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### 173 Semiconductor machinery

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	7	8	8	6
Indirect Purchases	49	63	69	62
Total:	56	71	77	69

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### 174 All other industrial machinery

(Millions of 2010 dollars)

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#### Actual

	2007	2008	2009	2010
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#### SUMMARY OF DEFENSE PURCHASES

Direct Purchases	50	57	56	46
Indirect Purchases	25	29	31	27
Total:	75	86	87	73

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Note: Numbers may not add due to rounding

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**175 Office machinery**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	20	23	22	18
Indirect Purchases	42	48	50	44
Total:	62	71	73	63

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**176 Optical instruments and lenses**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1,612	1,865	1,919	1,388
Indirect Purchases	21	24	25	22
Total:	1,633	1,889	1,944	1,410

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**177 Photographic and photocopying equipment**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	65	75	77	58
Indirect Purchases	19	21	22	20
Total:	84	96	99	78

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*Note: Numbers may not add due to rounding*

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**178 Other commercial and service industry machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	755	857	873	735
Indirect Purchases	93	110	123	110
Total:	849	967	995	845

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**179 Automatic vending, commercial laundry and drycleaning machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	6	6	5
Indirect Purchases	18	21	23	19
Total:	24	28	29	25

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**180 Air purification and ventilation equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	72	79	82	75
Indirect Purchases	173	209	227	207
Total:	245	288	310	282

Note: Numbers may not add due to rounding

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**181 Heating equipment, except warm air furnaces**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	26	31	30	24
Indirect Purchases	52	63	72	67
Total:	77	94	102	91

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**182 AC, refrigeration, and forced air heating**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	107	121	127	108
Indirect Purchases	455	541	592	536
Total:	562	662	719	644

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**183 Industrial mold manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	4	5	4
Indirect Purchases	213	245	267	241
Total:	217	249	272	245

Note: Numbers may not add due to rounding

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**184 Metal cutting and forming machine tool**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	105	123	115	85
Indirect Purchases	44	50	53	48
Total:	149	173	169	133

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**185 Special tools, dies, jigs, fixtures, cutting tools, machine tool accessories**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	16	17	18	15
Indirect Purchases	690	787	854	772
Total:	705	805	872	787

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**186 Rolling mill and other metalworking machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	15	16	18	15
Indirect Purchases	14	16	17	15
Total:	30	33	35	31

Note: Numbers may not add due to rounding

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**187 Turbine and turbine generator set units**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	169	185	154	118
Indirect Purchases	197	238	243	214
Total:	366	423	397	332

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**188 Other engine equipment manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	244	281	275	237
Indirect Purchases	3,241	3,576	3,532	3,302
Total:	3,485	3,858	3,807	3,538

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**189 Speed changers and mechanical power transmission equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	98	121	129	117
Indirect Purchases	772	866	883	795
Total:	870	987	1,013	912

Note: Numbers may not add due to rounding

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### 190 Pump and compressor manufacturing

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	226	260	254	225
Indirect Purchases	158	179	182	161
Total:	384	439	436	386

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### 191 Elevators and moving stairways

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5	6	6	5
Indirect Purchases	102	132	163	158
Total:	108	139	170	163

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### 192 Conveyor and conveying equipment

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	14	16	16	14
Indirect Purchases	23	26	28	25
Total:	37	42	44	39

Note: Numbers may not add due to rounding

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**193 Industrial cranes, hoists, trucks and trailers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	390	468	383	324
Indirect Purchases	63	74	80	72
Total:	453	542	463	396

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**194 Power-driven handtools**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	13	15	14	11
Indirect Purchases	12	15	15	14
Total:	26	30	30	24

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**195 Welding and soldering equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	36	42	38	25
Indirect Purchases	72	83	88	75
Total:	108	125	126	101

Note: Numbers may not add due to rounding

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**196 Packaging machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	2	1	1
Indirect Purchases	15	17	18	15
Total:	16	19	19	16

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**197 Industrial process furnaces and ovens**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	11	13	12	9
Indirect Purchases	8	9	9	8
Total:	19	22	21	17

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**198 Fluid power equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	23	26	29	24
Indirect Purchases	521	577	606	564
Total:	544	603	635	588

Note: Numbers may not add due to rounding

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**199 Scales, balances, and miscellaneous general purpose machinery**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	305	348	335	254
Indirect Purchases	201	220	234	217
Total:	506	568	568	471

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**200 Electronic computers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,341	1,645	1,876	1,506
Indirect Purchases	569	655	712	623
Total:	1,910	2,300	2,588	2,128

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**201 Computer storage devices**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	137	156	165	141
Indirect Purchases	318	361	386	340
Total:	455	517	551	481

Note: Numbers may not add due to rounding

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**202 Computer terminals**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	26	28	31	29
Indirect Purchases	14	17	18	16
Total:	40	45	49	45

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**203 Other computer peripheral equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	541	583	629	571
Indirect Purchases	638	720	773	684
Total:	1,179	1,303	1,402	1,254

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**204 Telephone apparatus**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	274	319	371	321
Indirect Purchases	246	279	299	266
Total:	519	598	670	587

Note: Numbers may not add due to rounding

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## 205 Broadcast and wireless communications equipment

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,000	5,622	6,453	5,984
Indirect Purchases	1,784	1,999	2,260	2,103
Total:	6,783	7,621	8,714	8,086

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## 206 Other communications equipment

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,099	2,486	3,009	2,595
Indirect Purchases	156	187	211	190
Total:	2,255	2,673	3,220	2,786

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## 207 Audio and video equipment

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	86	101	104	90
Indirect Purchases	66	77	78	69
Total:	153	178	182	159

Note: Numbers may not add due to rounding

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**208 Semiconductors and electron tubes**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	120	136	160	152
Indirect Purchases	3,553	4,132	4,537	4,108
Total:	3,673	4,268	4,697	4,260

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**209 All other electronic components**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,327	1,474	1,670	1,523
Indirect Purchases	4,721	5,434	5,907	5,305
Total:	6,047	6,908	7,577	6,828

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**210 Electromedical apparatus**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	86	112	102	96
Indirect Purchases	45	50	52	49
Total:	130	162	154	144

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*Note: Numbers may not add due to rounding*

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## 211 Search, detection, and navigation instruments

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,406	6,347	7,649	6,578
Indirect Purchases	1,037	1,053	1,171	1,176
Total:	6,443	7,399	8,820	7,754

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## 212 Measuring devices and controls

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	237	264	278	222
Indirect Purchases	287	334	352	312
Total:	524	598	629	534

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## 213 Electricity and signal testing instruments

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	444	498	520	467
Indirect Purchases	109	125	136	115
Total:	553	623	656	582

Note: Numbers may not add due to rounding

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**214 Analytical laboratory instruments**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	267	305	289	207
Indirect Purchases	195	206	225	215
Total:	462	511	514	422

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**215 Irradiation apparatus**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	68	77	80	66
Indirect Purchases	19	21	22	20
Total:	87	98	102	86

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**216 Watches, clocks, and other measuring and controlling devices**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	453	525	508	378
Indirect Purchases	224	234	258	248
Total:	677	759	765	626

Note: Numbers may not add due to rounding

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**217 Software, audio, and video media reproduction**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	65	72	77	72
Indirect Purchases	82	92	96	86
Total:	147	164	173	158

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**218 Magnetic and optical recording media manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	12	14	15	14
Indirect Purchases	219	246	258	229
Total:	232	260	274	243

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**219 Electric lamp bulb and part manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5	6	8	9
Indirect Purchases	25	30	30	26
Total:	30	36	37	34

Note: Numbers may not add due to rounding

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**220 Lighting fixtures**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	12	17	19	20
Indirect Purchases	286	353	411	385
Total:	298	369	430	405

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**221 Electric housewares, fans and vacuum cleaners**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	7	7	8	7
Indirect Purchases	22	26	29	27
Total:	28	33	37	34

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**222 Household cooking appliances**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	4	4	4	3
Indirect Purchases	14	16	16	14
Total:	18	20	20	18

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Note: Numbers may not add due to rounding

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**223 Household refrigerators and home freezers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	6	6	5
Indirect Purchases	4	5	5	4
Total:	10	10	10	9

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**224 Household laundry equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6	6	6	5
Indirect Purchases	1	2	2	1
Total:	7	8	8	6

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**225 Other major household appliances**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	4	4	4
Indirect Purchases	23	26	27	24
Total:	27	30	32	28

Note: Numbers may not add due to rounding

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## 226 Electric power and specialty transformers

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	69	86	103	107
Indirect Purchases	39	46	48	44
Total:	108	132	151	150

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## 227 Motors and generators

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	108	133	172	188
Indirect Purchases	614	692	716	640
Total:	722	824	888	828

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## 228 Switchgear and switchboard apparatus

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	39	50	55	48
Indirect Purchases	107	126	138	124
Total:	146	176	192	172

Note: Numbers may not add due to rounding

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**229 Relays and industrial controls**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	21	23	27	26
Indirect Purchases	489	564	601	532
Total:	510	588	628	558

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**230 Storage batteries**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	11	19	19	21
Indirect Purchases	155	169	171	156
Total:	167	188	190	177

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**231 Primary batteries**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	12	20	23	25
Indirect Purchases	11	13	13	12
Total:	23	32	36	37

Note: Numbers may not add due to rounding

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**232 Fiber optic and other cable**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	39	48	52	48
Indirect Purchases	698	801	893	814
Total:	737	849	946	862

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**233 Wiring devices**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	38	47	53	44
Indirect Purchases	299	342	380	347
Total:	337	389	433	391

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**234 Carbon and graphite and miscellaneous electrical equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	357	423	492	440
Indirect Purchases	225	255	277	255
Total:	582	678	769	694

Note: Numbers may not add due to rounding

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**235 Automobiles and light trucks**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,879	3,493	3,199	2,575
Indirect Purchases	12	14	13	11
Total:	2,891	3,506	3,212	2,586

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**236 Heavy duty trucks**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,196	4,776	4,439	4,019
Indirect Purchases	70	83	76	62
Total:	4,266	4,858	4,516	4,081

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**237 Motor vehicle bodies**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	319	392	359	299
Indirect Purchases	275	315	293	262
Total:	594	707	652	561

Note: Numbers may not add due to rounding

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**238 Truck trailers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,540	1,664	1,616	1,556
Indirect Purchases	90	103	97	89
Total:	1,630	1,767	1,713	1,645

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**239 Motor homes, travel trailers and campers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	84	101	93	75
Indirect Purchases	60	65	63	60
Total:	144	166	157	135

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**240 Motor vehicle parts**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	759	911	863	722
Indirect Purchases	5,221	6,065	5,827	5,044
Total:	5,980	6,976	6,691	5,766

Note: Numbers may not add due to rounding

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**241 Aircraft**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	22,180	24,203	27,374	26,236
Indirect Purchases	289	320	344	316
Total:	22,469	24,523	27,718	26,552

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**242 Aircraft engines and engine parts**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	4,167	4,521	4,946	4,444
Indirect Purchases	1,838	1,992	2,195	2,097
Total:	6,005	6,512	7,141	6,541

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**243 Other aircraft parts and equipment**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	7,837	8,935	9,775	9,020
Indirect Purchases	2,463	2,521	2,797	2,759
Total:	10,300	11,456	12,573	11,779

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*Note: Numbers may not add due to rounding*

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**244 Guided missiles and space vehicles**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,482	6,427	7,768	8,088
Indirect Purchases	713	772	856	855
Total:	6,195	7,199	8,624	8,942

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**245 Propulsion units and parts for space vehicles and guided missiles**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,195	1,287	1,441	1,424
Indirect Purchases	937	1,081	1,288	1,340
Total:	2,133	2,368	2,729	2,764

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**246 Railroad rolling stock**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	33	33	36	33
Indirect Purchases	61	69	68	59
Total:	94	102	104	91

Note: Numbers may not add due to rounding

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### 247 Ship building and repairing

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,947	10,815	11,073	9,779
Indirect Purchases	165	189	182	153
Total:	9,112	11,004	11,255	9,932

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### 248 Boat building

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,510	8,830	8,673	8,187
Indirect Purchases	88	94	92	83
Total:	8,599	8,924	8,765	8,270

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### 249 Motorcycle, bicycle, and parts

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3	4	3	3
Indirect Purchases	17	19	19	17
Total:	20	22	22	19

Note: Numbers may not add due to rounding

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**250 Military armored vehicles and tank parts**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6,550	7,455	6,527	5,088
Total:	6,550	7,455	6,527	5,088

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**251 All other transportation equipment**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	382	418	430	382
Indirect Purchases	91	105	96	79
Total:	472	523	526	461

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**252 Wood kitchen cabinets and countertops**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	146	172	189	172
Total:	146	172	190	173

Note: Numbers may not add due to rounding

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**253 Household and institutional furniture**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	267	273	301	291
Indirect Purchases	68	79	91	84
Total:	335	353	392	375

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**254 Office furniture (including fixtures)**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	188	239	309	315
Indirect Purchases	93	113	134	127
Total:	280	353	443	442

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**255 Mattresses, blinds and shades**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	13	14	14	13
Indirect Purchases	0	0	0	0
Total:	14	14	15	13

Note: Numbers may not add due to rounding

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**256 Laboratory apparatus and furniture**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	44	55	50	38
Indirect Purchases	12	14	14	13
Total:	57	69	64	51

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**257 Surgical and medical instruments**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	250	302	276	220
Indirect Purchases	142	158	163	153
Total:	392	460	439	373

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**258 Surgical appliance and supplies**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	210	276	236	195
Indirect Purchases	79	89	93	87
Total:	289	366	329	283

Note: Numbers may not add due to rounding

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**259 Dental equipment and supplies**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	30	34	33	25
Indirect Purchases	41	46	48	46
Total:	71	80	81	71

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**260 Ophthalmic goods**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,415	1,547	1,662	1,649
Indirect Purchases	7	7	8	7
Total:	1,422	1,554	1,670	1,656

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**261 Dental laboratories**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	1
Indirect Purchases	87	96	101	97
Total:	89	98	103	98

Note: Numbers may not add due to rounding

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**262 Jewelry and silverware**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2	2	2	1
Indirect Purchases	25	28	29	25
Total:	27	30	31	27

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**263 Toys and sporting goods**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	113	138	127	117
Indirect Purchases	18	20	20	18
Total:	131	158	147	135

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**264 Office supplies, except paper**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	36	41	41	35
Indirect Purchases	64	71	75	68
Total:	101	112	116	103

Note: Numbers may not add due to rounding

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**265 Sign manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	16	18	18	14
Indirect Purchases	121	137	141	123
Total:	137	155	159	137

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**266 Gasket, packing, and sealing devices**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	14	32	21	25
Indirect Purchases	268	304	320	294
Total:	282	336	341	319

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**267 Musical instruments**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	4	4	3
Indirect Purchases	1	2	2	1
Total:	5	6	6	4

Note: Numbers may not add due to rounding

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**268 Other miscellaneous manufacturing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,155	1,394	1,272	984
Indirect Purchases	160	181	184	163
Total:	1,315	1,575	1,456	1,147

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**269 Wholesale trade**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,042	4,845	4,861	4,615
Indirect Purchases	14,706	16,671	17,563	15,773
Total:	18,748	21,515	22,424	20,388

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**270 Retail trade**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6,017	6,599	7,050	6,827
Indirect Purchases	2,106	2,466	2,682	2,425
Total:	8,123	9,064	9,732	9,252

Note: Numbers may not add due to rounding

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**271 Air transportation**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	15,504	17,214	18,069	16,220
Indirect Purchases	2,549	2,866	3,053	2,759
Total:	18,054	20,080	21,121	18,979

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**272 Rail transportation**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	1,848	2,131	2,001	1,684
Indirect Purchases	965	1,107	1,158	1,036
Total:	2,813	3,238	3,159	2,721

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**273 Water transportation**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	6,920	7,936	7,500	6,276
Indirect Purchases	222	251	261	228
Total:	7,142	8,187	7,761	6,504

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*Note: Numbers may not add due to rounding*

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**274 Truck transportation**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	14,186	16,393	15,272	12,752
Indirect Purchases	6,347	7,164	7,250	6,372
Total:	20,534	23,556	22,522	19,125

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**275 Transit and ground passenger transportation (includes S&L government)**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	452	508	517	454
Indirect Purchases	506	567	594	533
Total:	958	1,075	1,111	987

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**276 Pipeline transportation**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	31	36	32	19
Indirect Purchases	782	898	928	819
Total:	813	935	961	839

Note: Numbers may not add due to rounding

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**277 Support activities for transportation and sightseeing**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,408	2,657	2,839	2,465
Indirect Purchases	5,431	6,244	6,269	5,474
Total:	7,839	8,901	9,108	7,939

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**278 Couriers and messengers**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	21	25	24	18
Indirect Purchases	1,996	2,247	2,343	2,110
Total:	2,017	2,272	2,366	2,128

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**279 Warehousing and storage**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,670	4,251	3,969	3,335
Indirect Purchases	1,943	2,227	2,304	2,070
Total:	5,614	6,479	6,273	5,405

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*Note: Numbers may not add due to rounding*

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**280 Newspaper publishers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7	7	7	6
Indirect Purchases	1,186	1,331	1,365	1,182
Total:	1,193	1,338	1,372	1,188

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**281 Periodical publishers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	29	32	33	28
Indirect Purchases	995	1,093	1,118	982
Total:	1,024	1,125	1,151	1,010

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**282 Book publishers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	73	79	85	76
Indirect Purchases	119	131	137	124
Total:	192	211	222	200

Note: Numbers may not add due to rounding

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**283 Database, directory, and other publishers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	74	81	86	77
Indirect Purchases	714	798	821	718
Total:	787	879	907	796

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**284 Software publishers**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,323	1,527	1,588	1,301
Indirect Purchases	404	482	535	443
Total:	1,727	2,009	2,122	1,744

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**285 Motion picture and video industries**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	157	175	176	149
Indirect Purchases	800	890	908	783
Total:	957	1,065	1,084	932

Note: Numbers may not add due to rounding

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**286 Sound recording industries**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	5	5	4
Indirect Purchases	76	84	87	76
Total:	80	88	92	80

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**287 Radio and television broadcasting**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	23	26	26	19
Indirect Purchases	1,224	1,371	1,401	1,206
Total:	1,247	1,398	1,427	1,225

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**288 Cable networks and program distribution**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	45	61	81	64
Indirect Purchases	511	580	604	522
Total:	556	641	685	586

Note: Numbers may not add due to rounding

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**289 Telecommunications**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	10,906	12,318	13,251	11,699
Indirect Purchases	9,365	10,628	11,293	10,177
Total:	20,271	22,946	24,544	21,876

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**290 Information services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	496	543	569	526
Indirect Purchases	690	774	810	726
Total:	1,186	1,316	1,380	1,252

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**291 Data processing services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	577	644	650	554
Indirect Purchases	2,073	2,348	2,489	2,264
Total:	2,649	2,991	3,139	2,818

Note: Numbers may not add due to rounding

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**292 Banks, savings institutions, and credit unions**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	6,143	6,934	7,319	6,606
Total:	6,143	6,934	7,319	6,606

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**293 Credit cards and finance companies**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	28	32	32	27
Indirect Purchases	3,039	3,462	3,673	3,347
Total:	3,067	3,493	3,705	3,374

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**294 Securities, commodity contracts, investments**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	350	357	250	359
Indirect Purchases	2,482	2,751	2,837	2,593
Total:	2,832	3,107	3,087	2,952

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*Note: Numbers may not add due to rounding*

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**295 Insurance**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,661	3,996	4,098	4,080
Indirect Purchases	5,672	6,402	6,553	6,056
Total:	9,333	10,398	10,652	10,136

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**296 Funds, trusts, and other financial vehicles**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	0	0	0	0
Indirect Purchases	88	98	101	96
Total:	88	98	101	96

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**297 Real estate**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,433	5,066	5,383	4,764
Indirect Purchases	14,865	16,710	17,554	15,978
Total:	19,299	21,776	22,937	20,742

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*Note: Numbers may not add due to rounding*

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**299 Automotive equipment rental and leasing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,191	2,632	2,762	2,312
Indirect Purchases	2,087	2,341	2,418	2,162
Total:	4,278	4,972	5,180	4,473

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**300 Video tape and disc rental**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	0	0	0	0
Total:	1	1	1	1

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**301 Machinery and equipment rental and leasing**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	352	416	393	307
Indirect Purchases	2,070	2,366	2,496	2,247
Total:	2,422	2,782	2,890	2,553

Note: Numbers may not add due to rounding

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**302 Rental of other goods**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	40	46	42	28
Indirect Purchases	501	562	588	529
Total:	542	608	631	557

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**303 Lessors of nonfinancial intangible assets (royalties)**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	0	0	0	0
Indirect Purchases	2,720	3,133	3,291	2,958
Total:	2,720	3,133	3,291	2,958

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**304 Legal services**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Direct Purchases	36	40	41	36
Indirect Purchases	4,987	5,588	5,923	5,419
Total:	5,023	5,628	5,964	5,456

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*Note: Numbers may not add due to rounding*

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### 305 Accounting and bookkeeping

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	284	314	326	305
Indirect Purchases	2,786	3,108	3,223	2,874
Total:	3,069	3,421	3,550	3,180

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### 306 Architectural and engineering services

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	35,125	37,789	40,867	38,191
Indirect Purchases	6,145	7,002	7,630	6,967
Total:	41,270	44,791	48,497	45,158

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### 307 Specialized design services

(Millions of 2010 dollars)

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	Actual			
	2007	2008	2009	2010
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,598	1,731	1,964	2,115
Indirect Purchases	797	891	948	871
Total:	2,395	2,623	2,912	2,986

Note: Numbers may not add due to rounding

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### 308 Custom computer programming

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,999	3,351	3,371	2,796
Indirect Purchases	628	660	757	700
Total:	3,627	4,011	4,128	3,496

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### 309 Computer systems design services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,244	4,809	5,132	4,396
Indirect Purchases	772	870	916	827
Total:	5,016	5,679	6,047	5,223

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### 310 Other computer related services, including facilities management

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	8,409	9,368	9,869	8,965
Indirect Purchases	1,457	1,664	1,766	1,610
Total:	9,867	11,032	11,635	10,575

Note: Numbers may not add due to rounding

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### 311 Management consulting

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	7,572	8,547	8,400	6,859
Indirect Purchases	4,184	4,763	5,046	4,618
Total:	11,755	13,310	13,446	11,477

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### 312 Environmental and other technical consulting services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,670	1,857	1,820	1,466
Indirect Purchases	1,442	1,626	1,779	1,666
Total:	3,112	3,483	3,599	3,132

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### 313 Scientific research and development

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	43,147	44,703	47,058	45,548
Indirect Purchases	2,292	2,598	2,741	2,475
Total:	45,439	47,301	49,799	48,023

Note: Numbers may not add due to rounding

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### 314 Advertising and related services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,301	1,480	1,393	1,001
Indirect Purchases	6,125	6,862	7,169	6,404
Total:	7,426	8,343	8,561	7,404

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### 315 Photographic services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	9	10	11	9
Indirect Purchases	72	81	84	75
Total:	81	91	95	84

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### 316 Veterinary services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	12	13	13	10
Indirect Purchases	28	31	32	30
Total:	39	43	45	40

Note: Numbers may not add due to rounding

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**317 All other miscellaneous professional and technical services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	6,807	7,410	7,483	6,623
Indirect Purchases	5,562	6,336	6,806	6,285
Total:	12,369	13,746	14,290	12,908

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**318 Management of companies and enterprises**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	9,397	10,648	11,148	10,028
Total:	9,398	10,649	11,149	10,029

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**319 Office administrative services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	657	735	734	597
Indirect Purchases	2,627	2,923	3,080	2,788
Total:	3,284	3,657	3,814	3,384

*Note: Numbers may not add due to rounding*

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**320 Facilities support services**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	5,179	5,822	5,723	4,400
Indirect Purchases	164	181	191	172
Total:	5,343	6,003	5,914	4,571

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**321 Employment services**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	323	361	361	284
Indirect Purchases	4,732	5,244	5,507	4,971
Total:	5,055	5,605	5,868	5,255

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**322 Business support services**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	340	388	382	303
Indirect Purchases	1,592	1,768	1,828	1,629
Total:	1,932	2,155	2,210	1,931

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*Note: Numbers may not add due to rounding*

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### 323 Travel arrangement and reservation services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	72	82	76	52
Indirect Purchases	2,443	2,722	2,830	2,523
Total:	2,514	2,804	2,906	2,576

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### 324 Investigation and security services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	924	1,044	1,007	754
Indirect Purchases	865	956	984	874
Total:	1,789	2,000	1,991	1,628

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### 325 Services to buildings and dwellings

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,329	1,481	1,501	1,238
Indirect Purchases	2,553	2,842	2,988	2,700
Total:	3,882	4,322	4,488	3,938

Note: Numbers may not add due to rounding

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**326 Other support services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,190	1,321	1,332	1,090
Indirect Purchases	1,490	1,656	1,718	1,538
Total:	2,680	2,976	3,050	2,628

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**327 Waste management and remediation services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,476	3,984	3,724	2,603
Indirect Purchases	1,640	1,857	1,860	1,536
Total:	5,116	5,841	5,584	4,139

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**328 Elementary and secondary schools**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	37	41	43	40
Indirect Purchases	3	4	4	4
Total:	41	45	47	44

Note: Numbers may not add due to rounding

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### 329 Colleges, universities, and junior colleges

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,864	1,925	1,998	1,838
Indirect Purchases	519	579	607	546
Total:	2,383	2,504	2,605	2,384

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### 330 Other educational services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,342	2,621	2,663	2,203
Indirect Purchases	67	74	77	67
Total:	2,409	2,695	2,740	2,271

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### 331 Home health care services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	370	405	435	431
Indirect Purchases	0	0	0	0
Total:	371	405	435	431

Note: Numbers may not add due to rounding

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### 332 Offices of physicians, dentists, and other health practitioners

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	10,277	11,286	11,948	11,459
Indirect Purchases	7	6	6	4
Total:	10,284	11,291	11,954	11,463

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### 333 Other ambulatory health care services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,839	3,132	3,257	3,011
Indirect Purchases	414	457	476	442
Total:	3,253	3,589	3,732	3,453

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### 334 Hospitals

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,426	3,745	4,020	3,967
Indirect Purchases	2	2	2	1
Total:	3,428	3,747	4,022	3,969

Note: Numbers may not add due to rounding

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**335 Nursing and residential care facilities**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	653	713	767	761
Indirect Purchases	0	0	0	0
Total:	653	713	767	761

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**336 Child day care services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1	1	1	1
Indirect Purchases	2	2	3	3
Total:	3	4	4	3

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**337 Social assistance, except child day care services**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	367	396	398	357
Indirect Purchases	4	4	5	5
Total:	371	400	403	362

Note: Numbers may not add due to rounding

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**338 Performing arts, spectator sports, museums & related activities**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	22	24	24	18
Indirect Purchases	1,001	1,122	1,164	1,028
Total:	1,023	1,146	1,188	1,046

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**339 Amusements, gambling, & recreation activities**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	11	13	13	10
Indirect Purchases	241	270	283	255
Total:	253	282	296	265

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**340 Hotels and other accommodation**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4,572	5,130	5,281	4,779
Indirect Purchases	1,523	1,710	1,811	1,634
Total:	6,095	6,840	7,091	6,413

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*Note: Numbers may not add due to rounding*

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### 341 Food services & drinking places

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	3,389	3,804	3,865	3,370
Indirect Purchases	3,326	3,715	3,890	3,494
Total:	6,715	7,518	7,755	6,864

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### 342 Automotive repair, maintenance and car washes

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	569	676	521	380
Indirect Purchases	1,621	1,855	1,877	1,634
Total:	2,190	2,530	2,398	2,014

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### 343 Electronic equipment repair & maintenance

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	2,525	2,802	3,037	2,803
Indirect Purchases	1,194	1,319	1,352	1,178
Total:	3,719	4,121	4,389	3,981

Note: Numbers may not add due to rounding

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### 344 Commercial machinery repair & maintenance

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,103	1,356	1,417	1,068
Indirect Purchases	1,606	1,806	1,876	1,649
Total:	2,709	3,162	3,293	2,717

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### 345 Household goods repair & maintenance

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	28	31	32	28
Indirect Purchases	737	836	865	761
Total:	766	868	898	788

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### 346 Personal care services

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	4	4	4	3
Indirect Purchases	1	2	2	2
Total:	5	6	6	5

Note: Numbers may not add due to rounding

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**347 Death care services**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	0	0	1	1
Total:	0	0	1	1

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**348 Drycleaning & laundry services**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	178	200	207	187
Total:	178	200	207	187

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**349 Other personal services**(Millions of 2010 dollars)

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**Actual****2007                      2008                      2009                      2010**

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**SUMMARY OF DEFENSE PURCHASES**

Indirect Purchases	119	132	139	127
Total:	119	132	139	127

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*Note: Numbers may not add due to rounding*

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**350 Religious, grantmaking, civic & professional organizations**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	599	669	704	639
Total:	599	669	704	639

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**352 Postal service**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	1,971	2,251	2,460	2,163
Indirect Purchases	1,716	1,865	1,919	1,705
Total:	3,688	4,116	4,379	3,867

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**353 Other federal government enterprises (except post office and electric utilities)**

(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	127	143	149	137
Total:	127	143	149	137

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*Note: Numbers may not add due to rounding*

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**354 Other state and local government enterprises (except electric utilities and transit)**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Indirect Purchases	2,369	2,715	2,866	2,531
Total:	2,369	2,715	2,866	2,531

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**355 General government industry**(Millions of 2010 dollars)

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	<b>Actual</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>SUMMARY OF DEFENSE PURCHASES</b>				
Direct Purchases	179,219	172,511	148,015	154,074
Indirect Purchases	115	85	77	53
Total:	179,334	172,596	148,092	154,126

Note: Numbers may not add due to rounding

### **Notes on the last 5 Iliad Industries**

Although the Inforum model includes details on 360 industries, only 355 of these industries possibly contribute direct or indirect requirements to defense. These last five industries are:

356. Noncomparable imports – These are imports of commodities of which no similar domestic output is produced.

357. Scrap – Sales of scrap arising from production.

358. Used and secondhand goods – Sales of used and secondhand goods from one sector to another, consisting mostly of capital equipment.

359. Rest of the world adjustment to final uses – This is an offsetting adjustment between personal consumption and exports that represent expenditure by foreigners while in the United States.

360. Inventory valuation adjustment – This is an adjustment to measured inventory stocks to adjust for misstatement of inventory levels due to the effects of inflation.