

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

Calendar Years 2007 Through 2013



September 2007

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Detail by Industry and State**

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August 2007

FOREWORD

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

This report provides projections of direct and indirect (or defense-related) purchases from 360 industries (defined by North American Industry Classification System) from calendar years 2007 to 2013. Estimates of defense-related employment and direct and indirect defense spending in each of the 50 states and the District of Columbia also are presented. An introduction gives a brief overview of the definitions, budgetary concepts, 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 the PA&E public access web-site home page, <http://www.economics.osd.mil>. A feedback form for comments is attached at the end of the report.

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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.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 111 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry. The occupational matrix used in *LDEPPS* comprises 101 occupational categories, chosen in a way that permits more detail to be provided on categories that are heavily employed either directly or indirectly by the Department of Defense.

Two input-output models feed *DEPPS*:

- *LIFT*, which stands for Long-term Interindustry Forecasting Tool, is a 111-sector input-output model embedded in a macroeconomic model. *LIFT* establishes the macroeconomic environment as well as industry controls.
- *ILIAD*, or the Interindustry Long-run Integrated and Dynamic model, uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 360 industries.

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

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

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INTRODUCTION AND HIGHLIGHTS

This report presents estimates for industrial and regional patterns of defense expenditures for calendar years 2007 - 2013. It shows direct and indirect purchases from the 75 largest defense-related industries and provides projections of defense-related spending for each of the 50 states and the District of Columbia. Moreover, the report illustrates the occupational requirements of the employment related directly and indirectly to defense expenditure.

All the estimates are based on the President's budget submission of February 2007, 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.¹ Supporting documentation, including a more complete description of the model and data used to generate the estimates, is posted to the website as well.

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

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

- *IDEPPS*, a detailed interindustry model, which forecasts defense demands by 360 industries, broken out by major appropriation and procurement category.
- *RDEPPS*, a state-level (regional) model, which determines the effect of defense expenditures by major procurement category on each state, at an aggregate level of 111 industries (unlike the more detailed *IDEPPS*).
- *LDEPPS*, a skilled labor model, which summarizes the requirements generated for various occupational classifications of employment in each industry.

Two interindustry (or input-output) models support *DEPPS*. The first model, called the Long-term Interindustry Forecasting Tool (*LIFT*), is a 111-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 *Iliad* for Interindustry Long-run Integrated and Dynamic model. It uses the macroeconomic forecasts and the industry controls from *LIFT* to further divide the economy into 360 industries.³

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

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

³ 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 in order to perform work for which DoD has contracted. Those sales, in turn, trigger subsequent rounds of transactions as subcontractors purchase goods and services from their major suppliers and those firms place orders with companies at lower tiers of the production chain. For example, a direct expenditure for aircraft stimulates indirect purchases for the electronic components, tires, aluminum, engineering and logistic services used to manufacture the aircraft. The term “indirect defense purchases” applies to this sequence of purchases—goods and services from subcontractors and lower-tier suppliers.

Direct and indirect expenditures are computed for 360 industries, though results for only the 75 highest spending sectors are shown in this report. All expenditure quantities are in constant (inflation-adjusted) 2008 dollars, by calendar year, for the 2007 through 2013 interval.

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

Budget Concept Employed

The *DEPPS* projections are expressed in terms of outlays. Outlays represent disbursements of funds made during the course of a year. In contrast, budget authority is the amount of money that Congress authorizes DoD to obligate in any given year. Budget authority differs from outlays in those contractual obligations (which must be within the limits set by budget authority) often call for payments to be spread over a period of years, as the work is completed.⁴ Budget authority for research, development, and procurement projects, in particular, tends to be disbursed over a period of several years. Therefore, during periods of budget growth, budget authority tends to exceed outlays in any given year.

Coverage

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

The *DEPPS* industry projections (IDEPPS) are based on a narrower budget grouping, Functional Category 051 (Department of Defense, Military). This subset of 050 funds *includes* all of the Defense Department’s military programs, but *excludes* the national security programs administered by other agencies and DoD programs serving civil functions (principally public works projects of the U.S. Army Corps of Engineers).

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

⁴ 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 *Military Personnel* account covers the pay of active-duty service members and reservists, as well as some other personnel-related expenses such as permanent change of-station (PCS) travel and purchases of military uniforms. Also included in this account is DoD's share of the government's annual payments into the Military Retirement Fund (see below).
- The *Operations and Maintenance (O&M)* account funds the day-to-day operations of the defense establishment. Money from this account goes to purchase fuel and other consumable items and to pay all but a small share of DoD's civilian work force.
- The *Procurement* account covers purchases of weapons, equipment, and other military capital goods.
- The *Research Development Test & Evaluation (RDT&E)* account pays for the development and testing of new military systems and for other research activities and associated civilian pay.
- The *Military Construction* account covers the cost of constructing military facilities and of providing housing for military personnel and their dependents.

Defense purchases induced from direct pay

These quantities are shown in the state-level tables in Section III, refers to the production of goods and services consumed by DoD's civilian and military employees and retirees. Estimates for these expenditures are included in the statewide tables because the concept has been of interest to planning agencies and others concerned with local economic development. Induced defense purchases resulting from direct pay are *not* included in the industry estimates reported in Section II.

Highlights of the Projections

RDEPPS: Defense Expenditures by State

Table 4 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2008 for each of the fifty states and the District of Columbia grouped by the nine U.S. census divisions.

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

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

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

IDEPPS: Defense Expenditures by Industry

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 less obviously oriented toward defense activities (e.g., electronics, blast furnaces and steel mills, motor vehicle parts, industrial controls, telephone and telegraph equipment, and apparel).

The composition of projected defense purchases is different from the composition of all other purchases in the U.S. economy. Table 1 presents information on the composition of projected defense and nondefense final purchases in 2008. About one third of defense purchases—32 percent—are made from manufacturing industries. Similarly, about one third of nondefense purchases—31 percent—are made from the manufacturing sector of the nondefense economy as well. Services make up about 63 percent of defense final purchases but about 59 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. The manufacturing sector is larger in defense indirect purchases than the defense direct purchases. Manufacturing accounts for about 32 percent of projected defense indirect purchases and only about 17 percent in nondefense indirect purchases. Consequently, the service sector is larger in nondefense economy. Services make up about 62 percent of defense indirect purchases but about 72 percent of nondefense indirect purchases.

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

The *RDEPPS* projections exclude DoD's share of the government's annual payments into the Military Retirement Fund, but includes disbursements of military retirement pay from the Military Retirement Fund (Functional Category 602 in the *Budget of the United States Government*). The regional total also excludes direct pay to military, civilian, and retired personnel stationed or living outside the fifty states and the District of Columbia. For instance, in 2008 retirement disbursements will be about \$31 billion more than accruals. Payments abroad will be about \$17 billion. Therefore, the RDEPPS direct expenditure will exceed the IDEPPS total by about \$14 billion (\$31 billion - \$17 billion).

LDEPPS: Defense-Related Employment

Defense-related civilian employment (including the civilian employees of the Department of Defense) represents about 2.2 percent of projected total U.S. civilian employment in 2008. The composition of defense-related civilian employment differs somewhat from that of nondefense employment. The differences reflect the manufacturing intensity of defense purchases, as well as specific employment patterns of the individual industries from which defense purchases are made.

Occupations primarily associated with manufacturing industries (e.g., installation, maintenance, repair and production) account for 15 percent of defense-related employment compared to only 11 percent of nondefense-related employment (see Table 3). Engineering workers also account for 21 percent of defense-related employment, but 19 percent of nondefense employment. More detailed tabulations of defense-related employment (including a breakout of engineering and scientific personnel by specialty) are provided in Section I.

Comparisons with Previous Estimates

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

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

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

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

Since 2006, industries in the *DEPPS* have been 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 2008

	Direct Defense Purchases	Direct Nondefense Purchases
Manufacturing	32%	31%
Services	63%	59%
Construction, Agriculture, and Mining	5%	9%

Table 2
Composition of Defense and Nondefense INDIRECT Purchases for 2008

	Direct Defense Purchases	Direct Nondefense Purchases
Manufacturing	32%	17%
Services	62%	72%
Construction, Agriculture, and Mining	6%	11%

Table 3
Composition of Civilian Employment for 2008

	Defense-Related Employment	Nondefense-Related Employment
Installation, Maintenance, Repair, and Production	15%	11%
Agricultural, Extraction, Construction and Transport	13%	13%
Engineers, Scientists and Technicians	21%	19%
Service and Sales Occupations	16%	29%
Management and Administrative	34%	27%
Other Professional Specialties	6%	7%

Table 4
Estimated Defense Expenditures Per Capita, 2008
 (By State and Region, in 2008 dollars)

State/Region	Population (000's)	Direct			Indirect from Direct	
		Pay	Purchases	Total	Purchases	Total
New England	14,601	438	1,718	2,156	760	2,916
Connecticut	3,550	318	2,511	2,830	947	3,776
Maine	1,342	1,142	1,487	2,629	408	3,036
Massachusetts	6,601	286	1,749	2,036	872	2,908
New Hampshire	1,357	370	907	1,277	490	1,767
Rhode Island	1,106	1,028	564	1,592	442	2,034
Vermont	644	312	1,203	1,515	434	1,950
Mid-Atlantic	40,824	212	673	885	582	1,467
New Jersey	8,915	154	833	987	673	1,661
New York	19,383	205	482	687	527	1,214
Pennsylvania	12,525	265	854	1,119	602	1,720
South Atlantic	58,154	922	1,602	2,524	863	3,387
Delaware	866	684	291	975	843	1818
District of Columbia	538	2,615	10,812	13,427	5,968	19,395
Florida	18,534	572	744	1,316	445	1,762
Georgia	9,326	889	844	1,733	914	2,647
Maryland	5,783	793	2,425	3,219	1,108	4,327
North Carolina	9,087	1,054	579	1,633	553	2,185
South Carolina	4,365	1,073	651	1,724	776	2,500
Virginia	7,828	1,692	5,473	7,165	1,769	8,934
West Virginia	1,827	343	243	587	432	1,018
East North Central	46,719	297	480	777	587	1,364
Illinois	12,836	387	364	751	584	1,335
Indiana	6,337	383	707	1,090	732	1,822
Michigan	10,345	224	402	626	437	1,064
Ohio	11,541	279	580	859	637	1,496
Wisconsin	5,660	168	429	597	598	1,195
West North Central	20,141	498	852	1,351	587	1,937
Iowa	2,998	229	462	691	512	1,203
Kansas	2,785	812	981	1,793	707	2,500
Minnesota	5,322	192	453	645	569	1,214
Missouri	5,860	570	1,520	2,090	640	2,730
Nebraska	1,760	805	485	1,290	498	1,788
North Dakota	636	1,161	550	1,711	495	2,206
South Dakota	781	726	680	1,406	440	1,846
East South Central	17,871	698	1,111	1,810	715	2,524
Alabama	4,569	812	1,450	2,262	937	3,199
Kentucky	4,227	890	744	1,635	744	2,378
Mississippi	2,951	944	1,359	2,302	686	2,989
Tennessee	6,124	363	993	1,356	543	1,899
West South Central	34,883	533	957	1,490	738	2,228
Arkansas	2,837	578	386	964	526	1,490
Louisiana	4,584	586	684	1,270	857	2,127
Oklahoma	3,564	829	660	1,489	652	2,141
Texas	23,899	474	1,121	1,595	753	2,348

Source: RDEPPS calculations

Table 4 (continued)
Estimated Defense Expenditures Per Capita, 2008
 (By State and Region, in 2008 dollars)

<u>State/Region</u>	<u>Population (000's)</u>	<u>Direct</u>			<u>Indirect from Direct Purchases</u>	<u>Total</u>
		<u>Pay</u>	<u>Purchases</u>	<u>Total</u>		
Mountain	21,037	828	1,035	1,863	679	2,542
Arizona	6,321	621	1,305	1,926	748	2,674
Colorado	4,747	985	1,458	2,443	799	3,242
Idaho	1,473	489	223	712	377	1,089
Montana	955	596	364	960	434	1,393
Nevada	2,552	589	572	1,161	442	1,603
New Mexico	1,951	1,195	903	2,097	720	2,817
Utah	2,523	1,293	1,009	2,303	730	3,033
Wyoming	515	844	306	1,149	796	1,946
Pacific	49,369	529	1,066	1,595	675	2,271
Alaska	680	3,094	3,715	6,809	2,047	8,856
California	37,262	361	1,090	1,451	655	2,106
Hawaii	1,318	2,572	2,435	5,006	844	5,850
Oregon	3,710	323	206	530	581	1,110
Washington	6,399	935	863	1,798	668	2,467
United States	303,598	551	1,031	1,582	703	2,285

Source: RDEPPS calculations

Table 5
Sources of Projected Direct Defense Purchases
Department of Defense
(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
Military Personnel	120,381	118,968	121,930	122,289	123,825	125,216	126,034
Operations & Maintenance	201,200	171,442	174,439	170,670	168,459	165,350	171,647
Procurement							
Aircraft	30,864	28,961	31,930	32,880	35,388	36,252	37,822
Missiles	8,084	7,052	7,534	7,782	8,374	8,696	8,711
Weapons & Tracked Vehicles	12,081	8,326	9,093	8,829	8,185	6,799	5,371
Ships & Conversions	15,910	14,523	16,140	17,086	16,725	18,304	18,314
Ammunition	4,295	3,877	3,938	4,221	4,310	4,272	4,318
Other	30,843	28,556	30,228	30,523	30,313	29,208	29,405
Total Procurement	102,077	91,295	98,863	101,321	103,295	103,531	103,940
RDT&E	72,987	68,506	71,016	71,493	68,177	64,578	61,801
Military Construction	9,248	10,156	13,310	15,386	15,209	13,522	11,770
Family Housing	4,432	3,830	3,216	2,928	2,602	2,189	1,944
Defense-Wide Contingency	993	427	171	71	0	0	0
Revolving & Management Funds	2,735	2,768	3,464	2,787	2,966	2,278	2,373
Trust & Receipts	-1,423	-1,198	-1,150	-1,137	-1,104	-1,055	-1,002
Deductions, Intragovernment Receipts	-132	-128	-126	-124	-122	-119	-117
Total Direct Defense	512,498	466,068	485,133	485,685	483,308	475,491	478,390

Source: IDEPPS calculations

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

Table 6
Sources of Projected Indirect Defense Purchases
Department of Defense
(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
Military Personnel	12,827	16,600	16,814	16,432	16,502	16,705	16,814
Operations & Maintenance + Revolving Funds ^a	115,700	93,791	96,861	94,215	93,222	90,725	95,398
Aircraft	25,745	24,290	27,062	28,403	30,772	31,686	33,082
Missiles	5,379	4,445	4,798	5,022	5,465	5,723	5,709
Weapons and Tracked Vehicles	14,387	9,809	10,750	10,522	9,804	8,118	6,392
Ships and Conversions	11,329	10,553	11,625	11,978	11,625	13,041	12,866
Ammunition	3,726	3,371	3,421	3,664	3,744	3,714	3,757
Other	25,131	23,049	24,388	24,737	24,674	23,935	24,183
Total Procurement	<u>85,697</u>	<u>75,517</u>	<u>82,043</u>	<u>84,325</u>	<u>86,085</u>	<u>86,218</u>	<u>85,987</u>
Research, Development, Test, Evaluation	41,830	39,028	40,683	41,041	38,943	36,670	34,956
Military Construction	6,460	7,272	9,648	11,225	11,100	9,856	8,564
Family Housing	3,234	2,778	2,311	2,096	1,859	1,561	1,384
Total Indirect Defense Purchases	<u>265,749</u>	<u>234,986</u>	<u>248,360</u>	<u>249,333</u>	<u>247,709</u>	<u>241,736</u>	<u>243,104</u>

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

Source: IDEPPS calculations

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

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

The summary tables provide an overview of estimated defense expenditures and employment. Table 7 presents estimates of total defense purchases from the 75 industries leading in defense production in 2008. 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 Total (Direct + Indirect) Defense Purchases from 75 Industries Leading in Defense Production in 2008
(Millions of 2008 dollars)

Ind #	Supplying Industry	2007	2008	2009	2010	2011	2012	2013
313	Scientific research and development	39,282	36,426	38,011	38,413	37,009	35,374	34,332
306	Architectural and engineering services	34,831	31,621	33,530	34,448	33,849	32,385	32,693
269	Wholesale trade	21,014	18,799	20,012	19,858	19,843	19,435	19,858
241	Aircraft	21,486	18,701	19,408	18,713	18,842	18,391	18,420
289	Telecommunications	19,573	17,433	18,209	18,171	18,078	17,738	18,282
297	Real estate	17,432	15,428	16,165	16,259	16,093	15,642	15,833
271	Air transportation	16,310	15,036	15,429	15,174	15,017	14,700	15,158
274	Truck transportation	16,530	14,772	14,994	14,540	14,255	13,948	14,051
243	Other aircraft parts and equipment	11,482	10,878	11,943	12,565	13,114	12,886	13,265
317	All other miscellaneous professional and technical services	12,035	10,765	11,463	11,943	11,862	11,444	11,526
31	New non-residential building construction	10,988	10,340	11,862	12,714	12,435	11,266	10,409
27	Electric Utilities	12,115	10,339	10,617	10,284	10,178	9,925	9,983
211	Search, detection, and navigation instruments	10,728	10,091	10,603	10,998	11,134	11,004	11,063
247	Ship building and repairing	9,669	9,533	10,438	10,191	9,950	11,750	11,748
310	Other computer related services, including facilities management	9,991	8,944	9,455	9,397	9,317	9,077	9,408
318	Management of companies and enterprises	8,609	7,693	8,169	8,233	8,215	8,051	8,091
277	Support activities for transportation and sightseeing	8,260	7,368	7,689	7,641	7,647	7,511	7,743
311	Management consulting	8,472	7,038	7,385	7,402	7,366	7,207	7,447
88	Petroleum refineries	7,874	6,931	7,244	6,938	6,847	6,484	6,560
270	Retail trade	7,462	6,901	7,329	7,295	7,257	7,179	7,468
295	Insurance	6,444	6,364	6,508	6,460	6,406	6,334	6,428
244	Guided missiles and space vehicles	5,833	6,057	6,904	6,631	6,645	6,533	6,474
242	Aircraft engines and engine parts	6,153	5,802	6,250	6,484	6,689	6,512	6,596
273	Water transportation	6,537	5,618	5,654	5,430	5,315	5,179	5,287
314	Advertising and related services	6,496	5,495	5,707	5,637	5,594	5,463	5,559
209	All other electronic components	5,938	5,454	5,865	6,087	6,152	6,027	6,057
292	Banks, savings institutions, and credit unions	6,000	5,314	5,610	5,634	5,604	5,474	5,526
341	Food services & drinking places	6,013	5,297	5,456	5,398	5,349	5,248	5,382
16	Crude oil and natural gas extraction	5,926	5,193	5,439	5,197	5,146	4,877	4,941
340	Hotels and other accommodation	5,583	5,108	5,226	5,155	5,125	5,066	5,179
86	Printing	5,619	5,097	5,312	5,322	5,220	5,103	5,078
36	Maintenance and repair of nonresidential buildings	5,420	5,092	5,625	5,852	5,694	5,180	4,851
205	Broadcast and wireless communications equipment	4,783	4,540	4,878	5,060	5,114	4,887	4,880
279	Warehousing and storage	4,673	4,244	4,360	4,260	4,202	4,115	4,163
134	Primary ferrous metal products	4,796	4,047	4,331	4,310	4,249	4,180	4,054
304	Legal services	4,482	4,010	4,228	4,269	4,250	4,163	4,226
163	Ammunition	4,489	3,962	4,022	4,256	4,192	4,079	4,047
321	Employment services	4,466	3,904	4,106	4,133	4,079	3,958	4,023

Source: IDEPPS Calculations

Table 7 (continued)
Projected Total (Direct + Indirect) Defense Purchases from 75 Industries Leading in Defense Production in 2008
(Millions of 2008 dollars)

Ind #	Supplying Industry	2007	2008	2009	2010	2011	2012	2013
334	Hospitals	3,940	3,674	3,898	3,849	3,821	3,827	4,033
309	Computer systems design services	4,204	3,669	3,841	3,820	3,762	3,660	3,766
240	Motor vehicle parts	5,062	3,662	3,997	3,966	3,897	3,622	3,377
320	Facilities support services	4,872	3,656	3,740	3,671	3,595	3,442	3,574
250	Military armored vehicles and tank parts	5,144	3,612	3,758	3,635	3,369	2,803	2,250
325	Services to buildings and dwellings	3,967	3,463	3,616	3,586	3,534	3,429	3,527
208	Semiconductors and electron tubes	3,703	3,436	3,707	3,842	3,891	3,829	3,864
299	Automotive equipment rental and leasing	3,667	3,338	3,437	3,406	3,374	3,315	3,372
332	Offices of physicians, dentists, and other health practioners	3,674	3,132	3,288	3,241	3,212	3,204	3,374
352	Postal service	3,457	2,998	3,074	3,027	2,972	2,879	2,933
156	Machine shops, screws, nuts, bolts, turned products	3,501	2,989	3,140	3,097	3,026	2,884	2,755
308	Custom computer programming	3,494	2,945	3,077	3,067	3,026	2,939	3,008
327	Waste management and remediation services	4,110	2,783	2,823	2,776	2,736	2,658	2,743
293	Credit cards and finance companies	3,025	2,723	2,898	2,940	2,944	2,899	2,954
206	Other communications equipment	2,607	2,566	2,770	2,860	2,872	2,775	2,781
319	Office administrative services	2,986	2,541	2,664	2,674	2,641	2,568	2,626
333	Other ambulatory health care services	3,307	2,493	2,573	2,529	2,505	2,487	2,616
312	Environmental and other technical consulting services	2,876	2,427	2,544	2,592	2,593	2,542	2,611
326	Other support services	2,898	2,388	2,511	2,555	2,589	2,620	2,718
294	Securities, commodity contracts, investments	2,952	2,381	2,254	2,249	2,214	2,149	2,153
305	Accounting and bookkeeping	2,620	2,304	2,409	2,413	2,382	2,309	2,335
323	Travel arrangement and reservation services	2,520	2,266	2,316	2,270	2,242	2,192	2,256
272	Rail transportation	2,464	2,221	2,283	2,235	2,207	2,167	2,187
291	Data processing services	2,410	2,126	2,268	2,299	2,294	2,267	2,315
343	Electronic equipment repair & maintenance	2,350	2,095	2,217	2,253	2,254	2,207	2,230
303	Lessors of nonfinancial intangible assets (royalties)	2,263	2,040	2,178	2,202	2,200	2,177	2,209
17	Reserved (for natural gas)	2,324	2,015	2,104	2,054	2,032	1,952	1,980
28	Natural gas distribution	2,199	1,883	1,962	1,953	1,933	1,884	1,913
354	Other state and local government enterprises (except electric utilities and transit)	2,108	1,813	1,905	1,917	1,914	1,878	1,923
307	Specialized design services	2,189	1,792	2,268	2,535	2,456	2,587	2,616
200	Electronic computers	1,810	1,752	1,918	2,017	2,101	2,164	2,251
301	Machinery and equipment rental and leasing	1,985	1,748	1,845	1,843	1,833	1,785	1,811
322	Business support services	2,081	1,724	1,786	1,768	1,736	1,674	1,703
245	Propulsion units and parts for space vehicles and guided missiles	1,736	1,690	1,911	1,976	2,000	2,003	1,993
329	Colleges, universities, and junior colleges	1,933	1,681	1,715	1,697	1,648	1,583	1,590
136	Aluminum products	2,059	1,664	1,795	1,801	1,825	1,776	1,739
278	Couriers and messengers	1,861	1,650	1,737	1,745	1,731	1,689	1,715

Source: IDEPPS calculations

Table 8
Projected Defense and Defense-Related Civilian Employment by Occupational Category
(Thousands of Workers)

Occupational Category	2007	2008	2009	2010	2011	2012	2013
Management, financial, and business operations	569	508	517	507	492	473	464
Computer and mathematical science occupations	129	112	114	111	107	102	100
Architectural and engineering occupations	255	228	231	226	218	208	203
Life, physical and social science occupations	70	63	64	63	61	58	57
Healthcare practitioners and technical occupations	130	114	117	115	112	109	111
Other professional specialties	204	180	184	180	175	168	166
Service occupations	397	345	351	342	333	320	321
Sales and related occupations	212	186	191	186	180	171	170
Office and administrative support occupations	674	593	605	593	575	550	545
Farming, fishing, and forestry occupations	11	10	10	10	10	9	9
Construction and extraction occupations	151	129	139	141	137	128	123
Installation, maintenance, and repair occupations	203	180	182	178	173	167	164
Production occupations	373	320	329	321	311	297	289
Transportation and material moving occupations	342	296	300	290	281	269	266
Total All Categories:	3,719	3,263	3,333	3,264	3,165	3,030	2,987

Source: LDEPPS calculations

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

Table 9
Projected Defense and Defense-Related Civilian Employment of Engineers and Scientists
(Thousands of Workers)

Occupational Category	2007	2008	2009	2010	2011	2012	2013
Computer and mathematical science occupations							
Computer specialists	120.6	105.1	107.1	104.3	100.2	95.1	93.5
Mathematical science occupations	7.9	7.2	7.3	7.1	6.9	6.7	6.6
Total	128.5	112.3	114.3	111.4	107.2	101.8	100.1
Architectural and engineering occupations							
Architects, surveyors, and cartographers	21.4	19.1	19.7	19.5	18.7	17.7	17.3
Aerospace engineers	19.4	17.2	17.4	16.7	16.1	15.5	14.9
Chemical engineers	2.4	2.1	2.1	2.1	2.0	1.9	1.9
Civil engineers	21.9	19.8	20.2	19.9	19.3	18.4	18.0
Electrical and electronics engineers	34.8	31.5	31.5	30.8	29.8	28.7	28.1
Industrial engineers, incl health and safety	16.6	14.7	14.8	14.4	13.9	13.3	12.9
Mechanical engineers	25.4	22.7	23.0	22.4	21.7	20.8	20.2
Materials engineers	2.1	1.9	1.9	1.9	1.8	1.7	1.7
All other engineers	34.5	30.9	31.1	30.4	29.4	28.2	27.5
Drafters, engineering, and mapping technicians	76.4	67.9	68.9	67.5	65.0	62.1	60.4
Total	255.0	227.6	230.7	225.6	217.7	208.3	202.9
Life, physical and social science occupations							
Life scientists	11.4	10.3	10.5	10.4	10.0	9.6	9.4
Chemists and materials scientists	5.4	4.8	4.9	4.9	4.7	4.5	4.4
Environmental scientists and geoscientists	5.9	5.2	5.4	5.3	5.1	4.8	4.7
Astronomers, physicists, atmospheric & space scientists	3.0	2.8	2.8	2.7	2.7	2.6	2.5
All other physical scientists	3.2	3.0	3.0	2.9	2.8	2.7	2.7
Social scientists and related occupations	26.2	23.6	24.0	23.6	22.8	21.9	21.5
Life, physical, and social science technicians	14.8	13.1	13.4	13.2	12.8	12.2	11.9
Total	69.9	62.8	63.9	63.0	60.9	58.3	57.2
Total Computer, Engineers, and Scientists:	453.4	402.7	408.9	400.0	385.8	368.4	360.2

Source: LDEPPS calculations

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

Table 10
Projections of Total Direct Expenditures, by State
(Millions of 2008 dollars)

State	2007	2008	2009	2010	2011	2012	2013
Alabama	11,295	10,334	10,672	10,655	10,508	10,251	10,262
Alaska	5,057	4,631	4,877	4,918	4,896	4,771	4,784
Arizona	12,983	12,176	12,734	12,809	12,881	12,685	12,787
Arkansas	2,992	2,735	2,803	2,795	2,788	2,756	2,784
California	58,586	54,052	56,718	57,133	56,843	55,860	55,995
Colorado	12,500	11,596	12,045	12,137	12,030	11,763	11,840
Connecticut	10,705	10,046	10,688	10,650	10,674	10,960	10,980
Delaware	900	844	864	866	864	855	858
District of Columbia	8,253	7,230	7,501	7,435	7,368	7,221	7,360
Florida	26,360	24,395	25,243	25,311	25,266	24,916	25,081
Georgia	17,495	16,164	16,751	16,762	16,788	16,553	16,705
Hawaii	7,296	6,596	6,805	6,770	6,692	6,579	6,596
Idaho	1,103	1,048	1,083	1,090	1,087	1,071	1,069
Illinois	10,309	9,639	9,911	9,884	9,860	9,723	9,799
Indiana	8,247	6,907	7,252	7,251	7,219	6,957	6,801
Iowa	2,208	2,072	2,149	2,165	2,174	2,142	2,152
Kansas	5,358	4,992	5,221	5,222	5,221	5,114	5,132
Kentucky	7,541	6,909	7,150	7,175	7,190	7,109	7,189
Louisiana	6,427	5,819	6,077	6,058	5,992	6,007	5,974
Maine	3,720	3,528	3,685	3,637	3,588	3,834	3,840
Maryland	20,832	18,615	19,344	19,392	19,207	18,754	19,006
Massachusetts	14,685	13,438	14,035	14,168	14,015	13,649	13,645
Michigan	7,493	6,477	6,660	6,580	6,428	6,092	5,877
Minnesota	3,707	3,433	3,560	3,553	3,542	3,483	3,530
Mississippi	7,157	6,793	7,147	7,152	7,055	7,235	7,167
Missouri	13,209	12,248	12,823	12,881	12,930	12,702	12,759
Montana	970	916	953	962	961	948	947
Nebraska	2,432	2,271	2,338	2,331	2,323	2,295	2,323
Nevada	3,187	2,962	3,033	3,019	2,999	2,954	2,971
New Hampshire	1,860	1,733	1,799	1,820	1,824	1,790	1,801
New Jersey	9,706	8,802	9,193	9,301	9,221	8,997	9,093
New Mexico	4,405	4,093	4,193	4,185	4,141	4,066	4,073
New York	14,443	13,310	13,770	13,871	13,773	13,462	13,510
North Carolina	15,911	14,836	15,034	14,906	14,806	14,573	14,594
North Dakota	1,168	1,089	1,131	1,136	1,136	1,120	1,124
Ohio	11,114	9,913	10,327	10,303	10,230	9,968	9,992
Oklahoma	5,811	5,305	5,469	5,452	5,454	5,393	5,474
Oregon	2,150	1,964	2,002	1,989	1,975	1,951	1,952
Pennsylvania	15,546	14,010	14,506	14,414	14,229	13,787	13,674
Rhode Island	1,869	1,760	1,791	1,780	1,769	1,745	1,755
South Carolina	8,201	7,525	7,709	7,680	7,666	7,584	7,638
South Dakota	1,163	1,098	1,156	1,166	1,166	1,150	1,158
Tennessee	9,283	8,304	8,522	8,447	8,339	8,133	8,279
Texas	41,705	38,116	39,874	39,902	39,857	39,045	39,111
Utah	6,292	5,811	5,970	6,022	5,982	5,879	5,953
Vermont	1,069	976	1,013	1,035	1,033	1,006	1,004
Virginia	62,224	56,087	58,515	58,487	57,996	57,121	58,004
Washington	12,365	11,508	11,913	11,917	11,893	11,763	11,812
West Virginia	1,120	1,072	1,123	1,140	1,130	1,098	1,081
Wisconsin	4,071	3,380	3,538	3,527	3,508	3,394	3,338
Wyoming	634	592	609	609	609	604	607
U.S. Total	525,117	480,147	499,277	499,848	497,123	488,868	491,238

Source: RDEPPS calculations

Table 11
Projections of Total Direct Procurement and RDT&E Expenditures, by State
(Millions of 2008 dollars)

State	2007	2008	2009	2010	2011	2012	2013
Alabama	3,644	3,365	3,533	3,591	3,487	3,337	3,232
Alaska	259	246	254	256	251	244	240
Arizona	5,784	5,271	5,662	5,785	5,886	5,780	5,820
Arkansas	355	321	336	346	348	345	341
California	28,261	26,473	28,216	28,776	28,495	27,840	27,508
Colorado	3,334	3,162	3,348	3,463	3,404	3,291	3,281
Connecticut	8,327	7,848	8,428	8,411	8,439	8,753	8,731
Delaware	82	76	78	80	79	77	77
District of Columbia	2,051	1,879	1,978	1,983	1,958	1,910	1,880
Florida	7,004	6,540	6,960	7,168	7,197	7,091	7,042
Georgia	2,749	2,521	2,714	2,773	2,837	2,792	2,823
Hawaii	1,320	1,129	1,135	1,090	999	937	891
Idaho	52	50	52	53	53	53	53
Illinois	1,785	1,621	1,705	1,743	1,738	1,690	1,660
Indiana	4,095	3,064	3,359	3,417	3,414	3,200	2,988
Iowa	878	823	875	904	915	892	890
Kansas	1,167	1,077	1,145	1,148	1,159	1,133	1,132
Kentucky	1,011	898	962	1,008	1,035	1,020	1,019
Louisiana	1,422	1,265	1,357	1,325	1,283	1,398	1,355
Maine	1,745	1,700	1,843	1,819	1,786	2,049	2,035
Maryland	6,534	5,997	6,348	6,550	6,450	6,230	6,180
Massachusetts	9,359	8,734	9,240	9,464	9,348	9,062	8,934
Michigan	3,394	2,596	2,726	2,704	2,579	2,290	2,019
Minnesota	1,072	963	1,013	1,044	1,041	1,012	994
Mississippi	2,960	2,824	3,021	2,986	2,915	3,188	3,148
Missouri	7,721	7,117	7,553	7,669	7,726	7,563	7,540
Montana	102	96	101	105	105	106	105
Nebraska	142	137	141	144	142	140	139
Nevada	430	382	395	394	382	364	353
New Hampshire	868	811	861	894	905	889	889
New Jersey	4,200	3,880	4,117	4,285	4,236	4,104	4,080
New Mexico	1,032	967	1,005	1,019	991	953	929
New York	5,802	5,397	5,704	5,857	5,795	5,601	5,537
North Carolina	850	788	823	830	832	813	803
North Dakota	36	35	35	35	34	33	33
Ohio	4,195	3,579	3,822	3,890	3,850	3,681	3,562
Oklahoma	631	588	626	642	652	645	651
Oregon	335	287	305	308	304	299	288
Pennsylvania	6,891	6,029	6,330	6,350	6,211	5,890	5,645
Rhode Island	382	363	379	385	385	379	377
South Carolina	997	868	915	929	927	901	878
South Dakota	92	80	85	86	86	84	83
Tennessee	1,490	1,329	1,389	1,416	1,381	1,322	1,276
Texas	19,244	17,423	18,552	18,715	18,673	18,100	17,872
Utah	1,892	1,768	1,890	2,004	2,000	1,957	1,982
Vermont	604	544	576	601	601	580	572
Virginia	13,268	12,404	13,219	13,559	13,387	13,476	13,399
Washington	3,145	2,945	3,117	3,142	3,120	3,061	3,024
West Virginia	205	192	200	204	200	193	188
Wisconsin	1,841	1,329	1,427	1,440	1,429	1,343	1,245
Wyoming	23	22	22	22	22	21	21
U.S. Total	175,064	159,802	169,879	172,814	171,472	168,109	165,741

Source: RDEPPS calculations

Table 12
Projections of Total Direct Expenditures Excluding Procurement and RDT&E, by State
(Millions of 2008 dollars)

State	2007	2008	2009	2010	2011	2012	2013
Alabama	7,650	6,969	7,139	7,064	7,021	6,914	7,030
Alaska	4,798	4,385	4,623	4,662	4,646	4,527	4,544
Arizona	7,199	6,904	7,072	7,025	6,995	6,906	6,967
Arkansas	2,637	2,414	2,466	2,449	2,440	2,411	2,444
California	30,325	27,579	28,502	28,357	28,347	28,020	28,487
Colorado	9,166	8,433	8,697	8,674	8,626	8,472	8,559
Connecticut	2,378	2,198	2,259	2,239	2,235	2,208	2,249
Delaware	818	768	786	786	785	777	781
District of Columbia	6,202	5,351	5,524	5,452	5,410	5,311	5,480
Florida	19,355	17,856	18,283	18,144	18,070	17,825	18,039
Georgia	14,747	13,643	14,037	13,988	13,951	13,761	13,882
Hawaii	5,976	5,468	5,670	5,680	5,693	5,642	5,705
Idaho	1,051	998	1,031	1,036	1,033	1,018	1,016
Illinois	8,523	8,018	8,207	8,142	8,122	8,033	8,139
Indiana	4,152	3,843	3,893	3,834	3,805	3,757	3,813
Iowa	1,330	1,249	1,273	1,261	1,260	1,250	1,263
Kansas	4,191	3,915	4,076	4,074	4,063	3,981	4,000
Kentucky	6,530	6,011	6,187	6,167	6,156	6,089	6,171
Louisiana	5,004	4,555	4,720	4,733	4,709	4,608	4,619
Maine	1,975	1,829	1,842	1,818	1,802	1,785	1,805
Maryland	14,298	12,617	12,996	12,842	12,758	12,524	12,826
Massachusetts	5,326	4,704	4,794	4,704	4,666	4,587	4,712
Michigan	4,100	3,881	3,934	3,876	3,849	3,803	3,857
Minnesota	2,634	2,469	2,547	2,509	2,502	2,472	2,536
Mississippi	4,197	3,969	4,127	4,166	4,141	4,047	4,019
Missouri	5,488	5,131	5,270	5,212	5,203	5,139	5,220
Montana	867	820	852	857	856	842	842
Nebraska	2,290	2,134	2,197	2,187	2,180	2,155	2,185
Nevada	2,757	2,580	2,638	2,625	2,617	2,590	2,618
New Hampshire	992	921	938	926	919	901	912
New Jersey	5,506	4,923	5,076	5,016	4,985	4,893	5,013
New Mexico	3,373	3,126	3,187	3,166	3,150	3,113	3,144
New York	8,641	7,912	8,067	8,014	7,978	7,861	7,973
North Carolina	15,061	14,048	14,211	14,076	13,974	13,761	13,790
North Dakota	1,132	1,054	1,096	1,101	1,102	1,086	1,091
Ohio	6,919	6,334	6,505	6,413	6,380	6,288	6,429
Oklahoma	5,180	4,717	4,843	4,810	4,802	4,749	4,823
Oregon	1,816	1,677	1,697	1,682	1,671	1,652	1,664
Pennsylvania	8,655	7,981	8,176	8,064	8,018	7,898	8,030
Rhode Island	1,487	1,397	1,412	1,394	1,384	1,366	1,378
South Carolina	7,204	6,657	6,794	6,750	6,739	6,683	6,760
South Dakota	1,071	1,018	1,071	1,080	1,079	1,066	1,075
Tennessee	7,793	6,975	7,133	7,031	6,959	6,811	7,003
Texas	22,462	20,693	21,321	21,187	21,184	20,945	21,239
Utah	4,399	4,043	4,080	4,018	3,981	3,922	3,970
Vermont	465	432	437	433	432	427	431
Virginia	48,956	43,683	45,296	44,928	44,609	43,645	44,604
Washington	9,220	8,562	8,796	8,775	8,773	8,702	8,788
West Virginia	915	880	922	935	930	905	894
Wisconsin	2,230	2,051	2,111	2,087	2,079	2,050	2,093
Wyoming	610	571	587	588	588	583	586
U.S. Total	350,053	320,346	329,397	327,034	325,651	320,759	325,497

Source: RDEPPS calculations

Table 13
Projections of Indirect Defense Purchases Resulting from Direct Purchases, by State
(Millions of 2008 dollars)

State	2007	2008	2009	2010	2011	2012	2013
Alabama	4,842	4,280	4,520	4,526	4,474	4,340	4,336
Alaska	1,595	1,392	1,458	1,444	1,427	1,378	1,396
Arizona	5,093	4,727	5,010	5,071	5,067	4,991	5,047
Arkansas	1,706	1,491	1,579	1,585	1,576	1,543	1,549
California	27,354	24,412	25,884	26,105	25,900	25,261	25,397
Colorado	4,306	3,793	3,998	4,009	3,984	3,890	3,944
Connecticut	3,673	3,361	3,555	3,542	3,542	3,484	3,473
Delaware	818	730	771	774	770	754	761
District of Columbia	3,662	3,214	3,353	3,318	3,312	3,260	3,339
Florida	9,250	8,256	8,720	8,771	8,700	8,486	8,548
Georgia	9,685	8,524	9,008	9,039	8,989	8,785	8,901
Hawaii	1,277	1,112	1,162	1,158	1,144	1,113	1,130
Idaho	616	556	592	601	600	587	591
Illinois	8,515	7,501	7,937	7,960	7,913	7,749	7,789
Indiana	5,328	4,639	4,943	4,971	4,949	4,845	4,831
Iowa	1,722	1,534	1,630	1,639	1,632	1,604	1,609
Kansas	2,211	1,969	2,083	2,092	2,080	2,036	2,062
Kentucky	3,687	3,143	3,333	3,335	3,309	3,230	3,254
Louisiana	4,479	3,930	4,116	4,084	4,042	3,929	3,969
Maine	607	547	580	584	579	564	567
Maryland	7,314	6,408	6,731	6,747	6,689	6,523	6,633
Massachusetts	6,346	5,757	6,128	6,222	6,199	6,077	6,080
Michigan	5,209	4,526	4,821	4,851	4,829	4,718	4,702
Minnesota	3,397	3,029	3,212	3,232	3,213	3,142	3,153
Mississippi	2,294	2,025	2,130	2,133	2,117	2,072	2,097
Missouri	4,201	3,748	3,975	4,005	3,976	3,885	3,888
Montana	460	414	436	439	435	426	427
Nebraska	990	876	925	927	922	904	914
Nevada	1,276	1,129	1,193	1,198	1,193	1,169	1,181
New Hampshire	748	666	707	713	709	694	697
New Jersey	6,757	6,003	6,354	6,401	6,364	6,225	6,272
New Mexico	1,578	1,404	1,479	1,480	1,467	1,425	1,439
New York	11,513	10,216	10,779	10,838	10,776	10,548	10,640
North Carolina	5,702	5,023	5,326	5,353	5,324	5,210	5,246
North Dakota	356	315	332	331	329	321	324
Ohio	8,375	7,354	7,826	7,875	7,835	7,656	7,656
Oklahoma	2,662	2,324	2,443	2,433	2,415	2,357	2,388
Oregon	2,403	2,154	2,301	2,337	2,333	2,282	2,293
Pennsylvania	8,495	7,535	7,989	8,012	7,963	7,785	7,777
Rhode Island	553	489	520	524	521	509	512
South Carolina	3,866	3,389	3,558	3,557	3,536	3,476	3,531
South Dakota	387	343	364	365	363	356	360
Tennessee	3,743	3,324	3,530	3,553	3,529	3,446	3,443
Texas	20,348	17,995	18,954	18,933	18,810	18,377	18,576
Utah	2,102	1,842	1,958	1,986	1,982	1,940	1,969
Vermont	312	280	299	304	303	297	300
Virginia	15,524	13,845	14,802	15,031	14,965	14,544	14,641
Washington	4,790	4,277	4,524	4,552	4,518	4,410	4,442
West Virginia	899	789	837	840	834	815	817
Wisconsin	3,831	3,383	3,590	3,610	3,587	3,510	3,517
Wyoming	469	410	432	428	426	414	418
U.S. Total	237,324	210,382	222,684	223,819	222,452	217,339	218,826

Source: RDEPPS calculations

Table 14
Projections of Induced Defense Purchases Resulting from Direct Pay, by State
(Millions of 2008 dollars)

State	2006	2007	2008	2009	2010	2011	
Alabama	1,893	1,797	1,817	1,808	1,812	1,813	1,817
Alaska	773	734	743	739	740	741	742
Arizona	1,980	1,881	1,903	1,895	1,900	1,903	1,909
Arkansas	982	931	940	934	934	934	934
California	11,552	10,967	11,092	11,040	11,068	11,080	11,105
Colorado	2,265	2,152	2,177	2,166	2,171	2,174	2,180
Connecticut	1,067	1,012	1,022	1,018	1,021	1,021	1,023
Delaware	410	389	392	390	391	391	391
District of Columbia	561	532	539	536	537	538	539
Florida	5,908	5,610	5,674	5,646	5,659	5,666	5,680
Georgia	4,445	4,220	4,267	4,244	4,250	4,253	4,261
Hawaii	1,391	1,321	1,337	1,330	1,332	1,334	1,337
Idaho	430	409	413	411	412	413	414
Illinois	3,694	3,504	3,540	3,520	3,526	3,525	3,529
Indiana	1,945	1,842	1,859	1,849	1,851	1,848	1,848
Iowa	788	747	754	748	748	746	746
Kansas	1,152	1,094	1,106	1,100	1,101	1,102	1,104
Kentucky	1,999	1,895	1,915	1,903	1,905	1,905	1,906
Louisiana	1,658	1,572	1,588	1,577	1,575	1,572	1,571
Maine	559	530	537	534	535	536	537
Maryland	2,259	2,145	2,169	2,158	2,162	2,165	2,170
Massachusetts	1,649	1,565	1,582	1,576	1,582	1,584	1,589
Michigan	2,460	2,323	2,340	2,326	2,330	2,322	2,320
Minnesota	1,234	1,171	1,183	1,177	1,180	1,180	1,182
Mississippi	1,198	1,137	1,150	1,144	1,146	1,147	1,149
Missouri	2,019	1,915	1,936	1,924	1,927	1,926	1,928
Montana	283	269	272	270	271	271	271
Nebraska	741	703	710	706	706	706	707
Nevada	839	797	806	802	804	805	807
New Hampshire	365	347	351	349	351	351	352
New Jersey	2,149	2,041	2,064	2,055	2,060	2,061	2,064
New Mexico	908	863	873	869	871	873	875
New York	5,182	4,913	4,962	4,939	4,956	4,957	4,969
North Carolina	5,362	5,088	5,143	5,112	5,117	5,118	5,124
North Dakota	341	323	327	325	325	325	326
Ohio	2,933	2,778	2,803	2,787	2,791	2,786	2,786
Oklahoma	1,421	1,349	1,364	1,357	1,359	1,360	1,363
Oregon	884	840	851	848	851	853	856
Pennsylvania	2,910	2,762	2,793	2,778	2,783	2,784	2,787
Rhode Island	447	424	429	427	428	428	429
South Carolina	2,171	2,061	2,084	2,074	2,078	2,080	2,085
South Dakota	332	314	318	316	317	317	317
Tennessee	1,828	1,733	1,751	1,742	1,745	1,744	1,746
Texas	8,094	7,684	7,769	7,728	7,739	7,742	7,754
Utah	1,147	1,089	1,101	1,096	1,098	1,099	1,102
Vermont	152	144	146	145	146	146	147
Virginia	6,336	6,015	6,082	6,048	6,055	6,062	6,073
Washington	3,052	2,898	2,931	2,917	2,922	2,926	2,933
West Virginia	368	350	354	352	353	353	354
Wisconsin	1,165	1,105	1,116	1,109	1,111	1,110	1,110
Wyoming	206	196	198	197	197	198	198
U.S. Total	105,892	100,480	101,571	101,044	101,225	101,275	101,451

Source: RDEPPS calculations

SECTION II: PROJECTIONS FOR SELECTED INDUSTRIES (IDEPPS)

The tables in this section show projected defense and defense-related purchases from the industries projected to lead in defense production in calendar year 2008 (although IDEPPS, the detailed interindustry model, forecasts defense demands by 360 industries, only 75 are presented in this section and the summary for all industries is in the appendix). A separate table is provided for each industry.

The upper portion of each table provides projections of direct and indirect defense purchases for calendar years 2007 to 2013. The lower portion of each table displays the purchasing sectors for the indirect sales of the subject industry.

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

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

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	37,410	34,767	36,223	36,594	35,185	33,585	32,539
Indirect Purchases	1,872	1,659	1,788	1,819	1,824	1,789	1,792
Total :	39,282	36,426	38,011	38,413	37,009	35,374	34,332
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	88	84	91	95	99	97	99
Aircraft Parts	221	211	234	247	261	259	269
Ammunition	20	17	18	19	19	18	18
Communication Equipment	304	291	309	322	327	320	323
Missiles	73	77	88	83	83	82	81
Motor Vehicles	99	63	70	70	69	63	55
Shipbuilding	143	142	155	152	148	176	176
Tanks	101	76	75	75	67	50	33
Other Electronic Equipment	29	27	30	31	32	31	31
Other Ordinances	12	9	10	10	10	9	9
Other	782	663	707	715	709	685	699
Total :	1,872	1,659	1,788	1,819	1,824	1,789	1,792

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	41	53	54	53	53	54	54
Operations & Maintenance *	3,156	2,390	2,449	2,389	2,351	2,275	2,399
Aircraft	1,090	1,155	1,250	1,275	1,266	1,232	1,304
Missiles	376	375	415	447	468	482	479
Weapons and Tracked Vehicles	217	203	206	195	160	121	83
Shipbuilding	244	280	297	225	204	294	288
Ammunition	158	141	142	152	154	152	153
Other	983	888	949	1,038	1,074	1,018	999
Total Procurement	3,069	3,041	3,261	3,332	3,327	3,299	3,307
RDT&E	32,931	30,850	32,127	32,501	31,144	29,635	28,481
Military Construction	77	86	115	133	129	107	86
Family Housing	8	7	6	5	4	4	3
Total :	39,282	36,426	38,011	38,413	37,009	35,374	34,332

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 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	29,887	27,215	28,823	29,657	29,148	27,912	28,286
Indirect Purchases	4,944	4,406	4,707	4,792	4,700	4,473	4,407
Total :	34,831	31,621	33,530	34,448	33,849	32,385	32,693
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	61	58	62	64	67	65	66
Aircraft Parts	105	99	109	114	120	118	121
Ammunition	32	28	28	29	29	28	27
Communication Equipment	224	212	224	231	233	226	227
Missiles	38	39	45	42	42	41	40
Motor Vehicles	77	48	53	52	52	47	41
Shipbuilding	110	108	117	114	110	129	128
Tanks	50	37	37	36	32	24	16
Other Electronic Equipment	23	22	24	24	25	24	24
Other Ordinances	17	12	13	13	12	12	11
Other	4,209	3,743	3,996	4,071	3,980	3,760	3,706
Total :	4,944	4,406	4,707	4,792	4,700	4,473	4,407

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	107	138	139	134	134	135	135
Operations & Maintenance *	12,234	10,487	10,762	10,390	10,196	9,841	10,346
Aircraft	1,691	1,778	2,081	2,234	2,323	2,359	2,475
Missiles	2,176	1,879	1,857	1,788	1,830	1,859	1,863
Weapons and Tracked Vehicles	582	408	440	407	361	290	203
Shipbuilding	5,203	4,520	4,920	5,723	5,812	5,729	6,116
Ammunition	98	84	89	97	96	92	92
Other	3,151	3,220	3,474	3,650	3,599	3,380	3,428
Total Procurement	12,901	11,889	12,860	13,898	14,021	13,708	14,177
RDT&E	8,081	7,456	7,697	7,684	7,215	6,707	6,321
Military Construction	1,224	1,394	1,851	2,148	2,113	1,853	1,589
Family Housing	283	257	221	195	170	141	125
Total :	34,831	31,621	33,530	34,448	33,849	32,385	32,693

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 3a Projected Defense Purchases of
269 Wholesale trade**
(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8,090	7,384	7,887	7,650	7,671	7,527	7,932
Indirect Purchases	12,924	11,415	12,125	12,207	12,172	11,908	11,927
Total :	21,014	18,799	20,012	19,858	19,843	19,435	19,858
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	186	178	194	202	211	206	211
Aircraft Parts	449	430	477	504	533	527	548
Ammunition	342	302	306	324	319	310	308
Communication Equipment	1,120	1,074	1,145	1,190	1,209	1,184	1,193
Missiles	101	106	122	115	115	113	112
Motor Vehicles	621	392	438	437	433	396	349
Shipbuilding	524	518	570	558	545	645	645
Tanks	288	216	214	214	191	142	95
Other Electronic Equipment	138	129	141	148	150	148	149
Other Ordinances	125	90	97	96	94	88	81
Other	9,031	7,980	8,422	8,420	8,372	8,147	8,236
Total :	12,924	11,415	12,125	12,208	12,172	11,908	11,927

Note: numbers may not add due to rounding

Table 3b Sources of Projected Defense Purchases

269 Wholesale trade

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	604	782	792	774	777	786	791
Operations & Maintenance *	11,946	10,331	10,890	10,506	10,472	10,230	10,819
Aircraft	1,607	1,515	1,691	1,783	1,942	2,016	2,110
Missiles	288	228	249	263	285	293	289
Weapons and Tracked Vehicles	957	646	714	696	652	550	445
Shipbuilding	540	512	562	558	534	621	597
Ammunition	277	251	254	272	278	276	280
Other	2,282	2,139	2,276	2,330	2,348	2,303	2,333
Total Procurement	5,950	5,290	5,746	5,903	6,040	6,059	6,053
RDT&E	1,920	1,782	1,849	1,857	1,753	1,643	1,561
Military Construction	418	454	596	692	689	623	551
Family Housing	175	159	139	126	112	94	83
Total :	21,014	18,799	20,012	19,858	19,843	19,435	19,858

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
241 Aircraft**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	21,193	18,428	19,118	18,418	18,544	18,100	18,122
Indirect Purchases	294	274	290	295	298	291	298
Total :	21,486	18,701	19,408	18,713	18,842	18,391	18,420
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	40	38	41	43	45	44	45
Aircraft Parts	59	56	63	66	70	69	72
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	192	177	183	183	181	175	178
Total :	294	274	290	295	298	291	298

Note: numbers may not add due to rounding

**Table 4b Sources of Projected Defense Purchases
241 Aircraft**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	24	31	32	31	31	32	32
Operations & Maintenance *	440	350	359	347	340	324	341
Aircraft	13,141	11,283	11,909	11,344	11,976	12,054	12,414
Missiles	67	42	32	24	16	15	13
Weapons and Tracked Vehicles	30	19	22	22	21	18	15
Shipbuilding	1	1	1	1	1	2	1
Ammunition	2	2	2	2	2	2	2
Other	238	257	289	316	327	331	331
Total Procurement	13,480	11,604	12,255	11,710	12,344	12,421	12,776
RDT&E	7,539	6,713	6,759	6,622	6,123	5,611	5,267
Military Construction	2	2	3	3	3	3	3
Family Housing	0	0	0	0	0	0	0
Total :	21,486	18,701	19,408	18,713	18,842	18,391	18,420

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 5a Projected Defense Purchases of
289 Telecommunications**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10,465	9,285	9,586	9,470	9,396	9,224	9,562
Indirect Purchases	9,108	8,148	8,623	8,701	8,681	8,514	8,720
Total :	19,573	17,433	18,209	18,171	18,078	17,738	18,282
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	54	52	58	61	64	63	65
Aircraft Parts	104	101	113	121	129	129	134
Ammunition	47	42	43	46	46	45	45
Communication Equipment	265	258	278	293	300	296	300
Missiles	38	41	47	45	45	45	45
Motor Vehicles	100	64	73	73	73	67	59
Shipbuilding	104	104	116	115	113	135	136
Tanks	55	42	42	42	38	28	19
Other Electronic Equipment	28	27	30	32	32	32	32
Other Ordinances	29	21	23	23	23	22	20
Other	8,285	7,395	7,799	7,850	7,818	7,652	7,864
Total :	9,108	8,148	8,623	8,701	8,682	8,514	8,721

Note: numbers may not add due to rounding

Table 5b Sources of Projected Defense Purchases

289 Telecommunications

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	321	421	432	426	431	440	446
Operations & Maintenance *	14,801	12,834	13,281	13,063	12,969	12,755	13,357
Aircraft	466	446	504	535	585	611	643
Missiles	149	134	145	150	163	166	167
Weapons and Tracked Vehicles	173	121	134	132	124	103	81
Shipbuilding	268	240	269	304	306	320	329
Ammunition	48	44	45	49	50	50	50
Other	1,622	1,525	1,604	1,645	1,658	1,637	1,665
Total Procurement	2,726	2,510	2,700	2,816	2,886	2,887	2,936
RDT&E	1,249	1,190	1,259	1,286	1,235	1,176	1,130
Military Construction	207	227	303	353	349	304	259
Family Housing	269	251	235	227	207	176	155
Total :	19,573	17,433	18,209	18,171	18,078	17,738	18,282

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

**Table 6a Projected Defense Purchases of
297 Real estate**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,276	3,655	3,734	3,708	3,610	3,416	3,389
Indirect Purchases	13,155	11,774	12,432	12,551	12,483	12,226	12,443
Total :	17,432	15,428	16,165	16,259	16,093	15,642	15,833
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	71	69	76	80	84	83	85
Aircraft Parts	198	191	214	228	243	242	252
Ammunition	92	82	84	90	89	87	87
Communication Equipment	442	428	460	481	492	485	492
Missiles	54	58	67	64	64	63	63
Motor Vehicles	137	87	99	99	99	91	80
Shipbuilding	193	192	213	210	207	247	248
Tanks	162	122	122	123	110	82	55
Other Electronic Equipment	40	38	42	44	45	45	45
Other Ordinances	49	36	39	39	39	37	34
Other	11,718	10,470	11,017	11,093	11,011	10,765	11,001
Total :	13,156	11,774	12,432	12,551	12,483	12,226	12,444

Note: numbers may not add due to rounding

Table 6b Sources of Projected Defense Purchases

297 Real estate

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	634	827	843	829	838	854	864
Operations & Maintenance *	9,775	8,034	8,327	8,187	8,151	8,046	8,477
Aircraft	723	698	788	838	913	951	1,000
Missiles	190	167	178	184	197	205	206
Weapons and Tracked Vehicles	327	233	251	248	228	183	137
Shipbuilding	481	432	480	537	538	565	580
Ammunition	91	82	85	91	94	93	95
Other	1,075	995	1,053	1,078	1,073	1,043	1,054
Total Procurement	2,886	2,607	2,835	2,976	3,043	3,040	3,073
RDT&E	2,554	2,414	2,538	2,583	2,480	2,362	2,271
Military Construction	490	568	766	894	875	746	621
Family Housing	1,094	977	855	790	706	595	527
Total :	17,432	15,428	16,165	16,259	16,093	15,642	15,833

Direct plus indirect purchases.

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

Note: Numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14,259	13,263	13,562	13,329	13,172	12,890	13,325
Indirect Purchases	2,051	1,773	1,868	1,845	1,845	1,809	1,833
Total :	16,310	15,036	15,429	15,174	15,017	14,700	15,158
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	40	38	41	43	45	44	45
Aircraft Parts	41	40	44	46	49	49	50
Ammunition	21	19	19	20	20	19	19
Communication Equipment	83	80	85	89	90	88	89
Missiles	16	17	19	18	18	18	18
Motor Vehicles	40	26	29	29	28	26	23
Shipbuilding	43	43	47	46	45	53	53
Tanks	22	17	16	16	15	11	7
Other Electronic Equipment	10	9	10	10	10	10	10
Other Ordinances	11	8	9	9	8	8	7
Other	1,723	1,478	1,549	1,519	1,517	1,484	1,511
Total :	2,051	1,773	1,868	1,845	1,845	1,809	1,833

Note: numbers may not add due to rounding

Table 7b Sources of Projected Defense Purchases

271 Air transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	2,609	3,380	3,418	3,365	3,377	3,415	3,436
Operations & Maintenance *	11,944	10,093	10,371	10,174	10,009	9,689	10,140
Aircraft	519	454	482	461	491	500	519
Missiles	39	33	35	35	38	39	39
Weapons and Tracked Vehicles	87	57	65	61	59	53	47
Shipbuilding	77	70	77	83	81	88	88
Ammunition	19	17	17	19	19	19	19
Other	419	374	382	384	381	374	378
Total Procurement	1,160	1,005	1,058	1,043	1,069	1,072	1,090
RDT&E	529	491	510	512	485	456	434
Military Construction	34	38	51	59	58	52	45
Family Housing	34	28	23	20	18	15	13
Total :	16,310	15,036	15,429	15,174	15,017	14,700	15,158

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 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	11,412	10,292	10,332	9,919	9,704	9,515	9,629
Indirect Purchases	5,118	4,481	4,662	4,620	4,551	4,433	4,422
Total :	16,530	14,772	14,994	14,540	14,255	13,948	14,051
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	44	42	45	46	48	47	48
Aircraft Parts	191	182	200	210	221	217	224
Ammunition	239	209	210	221	216	209	207
Communication Equipment	112	107	113	117	118	115	116
Missiles	30	31	35	33	33	32	32
Motor Vehicles	224	139	153	153	152	140	123
Shipbuilding	197	194	211	205	199	234	233
Tanks	55	41	41	40	36	26	18
Other Electronic Equipment	16	15	16	16	17	16	16
Other Ordinances	48	35	37	37	36	33	30
Other	3,962	3,488	3,600	3,541	3,475	3,362	3,375
Total :	5,118	4,481	4,662	4,620	4,551	4,433	4,422

Table 8b Sources of Projected Defense Purchases

274 Truck transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	4,374	5,645	5,725	5,502	5,520	5,591	5,623
Operations & Maintenance *	7,904	5,546	5,591	5,439	5,370	5,214	5,450
Aircraft	378	373	423	460	507	538	565
Missiles	91	65	70	74	82	88	87
Weapons and Tracked Vehicles	273	182	201	196	183	153	123
Shipbuilding	208	194	210	207	194	222	214
Ammunition	177	161	161	171	175	174	175
Other	2,386	1,897	1,847	1,702	1,475	1,283	1,187
Total Procurement	3,514	2,873	2,914	2,810	2,616	2,459	2,350
RDT&E	519	479	495	494	464	433	409
Military Construction	140	157	207	239	236	210	183
Family Housing	79	72	62	56	49	41	36
Total :	16,530	14,772	14,994	14,540	14,255	13,948	14,051

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
243 Other aircraft parts and equipment**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,145	8,739	9,675	10,197	10,782	10,663	11,072
Indirect Purchases	2,338	2,139	2,268	2,368	2,332	2,223	2,193
Total :	11,482	10,878	11,943	12,565	13,114	12,886	13,265
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	6	6	6	6	7	7	7
Aircraft Parts	276	258	291	312	329	326	338
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	0	0	0	0	0	0	0
Motor Vehicles	1	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	2,052	1,873	1,968	2,047	1,993	1,888	1,845
Total :	2,338	2,139	2,268	2,368	2,332	2,223	2,193

Note: numbers may not add due to rounding

Table 9b Sources of Projected Defense Purchases
243 Other aircraft parts and equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	60	77	78	78	78	79	80
Operations & Maintenance *	1,206	1,090	1,147	1,094	1,076	1,004	1,063
Aircraft	7,203	6,897	7,795	8,449	9,144	9,144	9,565
Missiles	153	140	152	154	169	180	185
Weapons and Tracked Vehicles	11	13	14	13	11	9	7
Shipbuilding	3	2	3	3	3	4	3
Ammunition	19	16	17	19	18	17	17
Other	461	483	518	543	540	520	518
Total Procurement	7,849	7,550	8,499	9,181	9,887	9,874	10,294
RDT&E	2,362	2,156	2,214	2,205	2,067	1,924	1,821
Military Construction	5	4	5	6	6	6	6
Family Housing	0	0	0	0	0	0	0
Total :	11,482	10,878	11,943	12,565	13,114	12,886	13,265

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 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7,206	6,345	6,692	7,041	6,947	6,607	6,654
Indirect Purchases	4,828	4,420	4,771	4,901	4,915	4,838	4,872
Total :	12,035	10,765	11,463	11,943	11,862	11,444	11,526
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	102	99	110	117	123	122	126
Aircraft Parts	177	174	197	211	226	225	236
Ammunition	91	83	86	92	92	90	90
Communication Equipment	374	367	399	421	432	428	435
Missiles	62	67	78	75	76	76	76
Motor Vehicles	142	93	106	107	107	98	87
Shipbuilding	207	210	235	234	231	276	279
Tanks	101	78	79	80	72	54	37
Other Electronic Equipment	39	38	42	45	46	46	46
Other Ordinances	52	39	43	43	43	41	38
Other	3,481	3,172	3,397	3,477	3,466	3,381	3,424
Total :	4,828	4,420	4,771	4,901	4,915	4,838	4,872

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 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES BY BUDGET CATEGORY							
Military Personnel	110	146	151	151	153	157	159
Operations & Maintenance *	4,128	3,312	3,435	3,364	3,337	3,260	3,444
Aircraft	579	565	646	699	756	769	797
Missiles	173	153	166	174	194	215	219
Weapons and Tracked Vehicles	271	193	213	211	197	163	126
Shipbuilding	1,341	1,132	1,191	1,485	1,543	1,440	1,527
Ammunition	80	74	76	83	86	86	87
Other	594	567	615	641	648	632	644
Total Procurement	3,038	2,683	2,907	3,294	3,424	3,305	3,400
RDT&E	4,643	4,504	4,826	4,970	4,786	4,578	4,394
Military Construction	79	88	117	138	139	126	111
Family Housing	36	32	27	26	23	20	18
Total :	12,035	10,765	11,463	11,943	11,862	11,444	11,526

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
31 New non-residential building construction**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10,988	10,340	11,862	12,714	12,435	11,266	10,409
Total :	10,988	10,340	11,862	12,714	12,435	11,266	10,409
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Other	-47	-52	-58	-62	-62	-59	-54
Total :	-47	-52	-58	-62	-62	-59	-54

Table 12 Projected Defense Purchases of

27 Electric Utilities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7,178	6,056	6,165	5,894	5,843	5,707	5,753
Indirect Purchases	4,938	4,283	4,452	4,390	4,335	4,217	4,229
Total :	12,115	10,339	10,617	10,284	10,178	9,925	9,983
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	53	50	54	56	58	57	57
Aircraft Parts	132	125	138	145	152	149	154
Ammunition	62	54	55	58	56	54	54
Communication Equipment	185	175	185	191	193	189	189
Missiles	27	29	33	31	31	30	29
Motor Vehicles	92	57	64	63	63	57	50
Shipbuilding	137	134	146	142	137	162	161
Tanks	78	58	57	57	50	37	25
Other Electronic Equipment	23	22	23	24	25	24	24
Other Ordinances	41	30	32	31	31	29	26
Other	4,108	3,548	3,665	3,593	3,540	3,430	3,459
Total :	4,938	4,283	4,452	4,390	4,335	4,217	4,230

**Table 13 Projected Defense Purchases of
211 Search, detection, and navigation instruments**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,836	9,280	9,745	10,107	10,268	10,182	10,263
Indirect Purchases	892	811	858	891	866	822	800
Total :	10,728	10,091	10,603	10,998	11,134	11,004	11,063
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	2	2	3	3	3	3	3
Aircraft Parts	4	4	4	4	4	4	5
Ammunition	38	33	34	36	35	34	34
Missiles	41	43	49	47	47	46	45
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	7	7	7	7	7	8	8
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	839	766	806	841	818	773	752
Total :	931	855	903	938	914	869	847

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,546	9,428	10,332	10,089	9,851	11,654	11,650
Indirect Purchases	123	105	106	101	99	96	98
Total :	9,669	9,533	10,438	10,191	9,950	11,750	11,748
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	125	108	108	104	102	99	101
Total :	126	108	109	104	102	100	102

Note: numbers may not add due to rounding

**Table 15 Projected Defense Purchases of
310 Other computer related services, including facilities management**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8,640	7,719	8,146	8,067	7,983	7,757	8,052
Indirect Purchases	1,351	1,225	1,309	1,330	1,333	1,319	1,357
Total :	9,991	8,944	9,455	9,397	9,317	9,077	9,408
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	6	6	7	7	8	8	8
Aircraft Parts	22	22	24	26	28	28	30
Ammunition	8	8	8	8	8	8	8
Communication Equipment	52	51	56	59	61	60	62
Missiles	12	13	15	15	15	15	15
Motor Vehicles	15	10	11	11	11	10	9
Shipbuilding	24	24	27	27	27	32	33
Tanks	10	8	8	8	7	5	4
Other Electronic Equipment	5	5	5	6	6	6	6
Other Ordinances	6	4	5	5	5	4	4
Other	1,191	1,075	1,144	1,158	1,158	1,141	1,178
Total :	1,351	1,225	1,309	1,330	1,333	1,319	1,357

Note: numbers may not add due to rounding

**Table 16 Projected Defense Purchases of
318 Management of companies and enterprises**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	8,606	7,690	8,166	8,231	8,213	8,049	8,089
Total :	8,609	7,693	8,169	8,233	8,215	8,051	8,091
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	210	200	218	227	237	232	237
Aircraft Parts	600	574	636	670	709	700	727
Ammunition	138	122	123	130	128	125	124
Communication Equipment	961	919	977	1,014	1,029	1,009	1,017
Missiles	127	134	153	145	145	142	141
Motor Vehicles	313	197	221	220	218	198	174
Shipbuilding	427	423	464	454	443	524	524
Tanks	304	227	225	224	199	148	99
Other Electronic Equipment	86	81	88	92	93	92	92
Other Ordinances	95	71	77	76	76	71	66
Other	5,345	4,743	4,986	4,978	4,936	4,807	4,889
Total :	8,606	7,690	8,166	8,231	8,213	8,049	8,089

Note: numbers may not add due to rounding

**Table 17 Projected Defense Purchases of
277 Support activities for transportation and sightseeing**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,823	2,470	2,631	2,661	2,699	2,642	2,739
Indirect Purchases	5,437	4,898	5,058	4,980	4,948	4,869	5,003
Total :	8,260	7,368	7,689	7,641	7,647	7,511	7,743
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	9	9	10	10	11	11	11
Aircraft Parts	36	35	39	41	44	44	46
Ammunition	20	18	19	20	20	19	19
Communication Equipment	32	31	33	35	36	35	35
Missiles	8	9	10	10	10	10	9
Motor Vehicles	31	20	23	23	23	21	19
Shipbuilding	35	35	39	39	38	45	45
Tanks	11	8	8	8	8	6	4
Other Electronic Equipment	5	4	5	5	5	5	5
Other Ordinances	6	5	5	5	5	5	4
Other	5,244	4,724	4,867	4,784	4,749	4,669	4,805
Total :	5,437	4,898	5,058	4,980	4,948	4,869	5,003

**Table 18 Projected Defense Purchases of
311 Management consulting**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,747	3,677	3,779	3,702	3,650	3,542	3,689
Indirect Purchases	3,724	3,362	3,606	3,700	3,716	3,664	3,758
Total :	8,472	7,038	7,385	7,402	7,366	7,207	7,447
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	27	26	29	31	33	33	34
Aircraft Parts	56	55	62	67	72	72	76
Ammunition	32	29	30	32	32	32	32
Communication Equipment	107	105	114	121	125	125	128
Missiles	17	18	21	21	21	21	21
Motor Vehicles	48	31	36	36	37	34	30
Shipbuilding	61	62	70	70	69	83	85
Tanks	31	24	25	25	23	17	12
Other Electronic Equipment	12	12	13	14	14	14	15
Other Ordinances	17	13	14	14	14	14	13
Other	3,317	2,987	3,192	3,269	3,275	3,219	3,313
Total :	3,724	3,361	3,606	3,700	3,716	3,664	3,758

Note: numbers may not add due to rounding

Table 19 Projected Defense Purchases of

88 Petroleum refineries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	523	445	553	373	402	256	291
Indirect Purchases	7,351	6,486	6,692	6,565	6,444	6,228	6,269
Total :	7,874	6,931	7,244	6,938	6,847	6,484	6,560
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	29	27	30	31	32	31	31
Aircraft Parts	176	167	184	192	202	198	204
Ammunition	59	52	52	55	53	51	50
Communication Equipment	86	82	87	90	91	88	88
Missiles	51	54	61	57	57	55	54
Motor Vehicles	122	77	86	85	83	74	64
Shipbuilding	105	103	112	109	105	123	122
Tanks	36	27	27	26	23	17	11
Other Electronic Equipment	13	12	13	14	14	14	13
Other Ordinances	25	19	20	20	20	19	17
Other	6,648	5,866	6,021	5,887	5,766	5,558	5,614
Total :	7,351	6,486	6,692	6,565	6,444	6,228	6,270

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,809	5,421	5,736	5,667	5,655	5,658	5,971
Indirect Purchases	1,653	1,480	1,594	1,628	1,602	1,521	1,498
Total :	7,462	6,901	7,329	7,295	7,257	7,179	7,468
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	6	6	6	6	7	7	7
Aircraft Parts	15	14	16	16	17	17	18
Ammunition	11	9	10	10	10	10	10
Communication Equipment	26	25	27	28	29	28	28
Missiles	3	4	4	4	4	4	4
Motor Vehicles	16	10	11	11	11	10	9
Shipbuilding	18	18	19	19	19	22	22
Tanks	7	5	5	5	5	3	2
Other Electronic Equipment	3	3	3	3	3	3	3
Other Ordinances	3	2	3	3	2	2	2
Other	1,546	1,384	1,490	1,522	1,496	1,414	1,393
Total :	1,653	1,480	1,594	1,628	1,602	1,521	1,498

Note: numbers may not add due to rounding

**Table 21 Projected Defense Purchases of
295 Insurance**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,910	2,121	2,133	2,115	2,105	2,110	2,148
Indirect Purchases	4,535	4,243	4,375	4,345	4,302	4,225	4,280
Total :	6,444	6,364	6,508	6,460	6,406	6,334	6,428
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	14	13	14	15	16	15	16
Aircraft Parts	45	43	48	51	54	53	55
Ammunition	32	28	28	30	30	29	29
Communication Equipment	78	75	80	84	85	84	84
Missiles	10	11	12	12	12	12	12
Motor Vehicles	40	25	28	28	28	26	23
Shipbuilding	50	49	54	53	52	62	62
Tanks	22	17	16	16	15	11	7
Other Electronic Equipment	8	7	8	8	9	8	8
Other Ordinances	13	10	10	10	10	10	9
Other	4,225	3,966	4,077	4,039	3,994	3,918	3,977
Total :	4,537	4,244	4,377	4,346	4,303	4,226	4,281

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,189	5,434	6,232	5,966	5,996	5,906	5,860
Indirect Purchases	644	622	672	664	649	627	613
Total :	5,833	6,057	6,904	6,631	6,645	6,533	6,474
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	2	2	3	3	3	3	3
Ammunition	0	0	0	0	0	0	0
Communication Equipment	3	3	3	3	4	3	3
Missiles	205	216	247	233	233	229	227
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	2	2	2	2	2	2	2
Tanks	1	1	1	1	1	1	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	428	397	415	420	405	387	376
Total :	644	622	672	664	649	627	613

**Table 23 Projected Defense Purchases of
242 Aircraft engines and engine parts**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,319	4,093	4,421	4,577	4,770	4,663	4,747
Indirect Purchases	1,834	1,708	1,829	1,907	1,919	1,849	1,848
Total :	6,153	5,802	6,250	6,484	6,689	6,512	6,596
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	753	715	779	812	848	830	847
Aircraft Parts	5	4	5	5	6	6	6
Ammunition	0	0	0	0	0	0	0
Communication Equipment	1	1	1	1	1	1	1
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	1,074	987	1,043	1,087	1,063	1,011	993
Total :	1,834	1,708	1,829	1,907	1,919	1,849	1,848

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6,378	5,483	5,511	5,287	5,173	5,043	5,151
Indirect Purchases	160	134	143	143	141	136	137
Total :	6,537	5,618	5,654	5,430	5,315	5,179	5,287
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	1	1	1	1	1	1	1
Aircraft Parts	4	4	5	5	5	5	5
Ammunition	2	2	2	2	2	2	2
Communication Equipment	3	3	3	4	4	4	4
Missiles	1	1	1	1	1	1	1
Motor Vehicles	6	4	4	4	4	4	3
Shipbuilding	5	5	6	6	6	7	7
Tanks	3	2	2	2	2	2	1
Other Electronic Equipment	1	0	1	1	1	1	1
Other Ordinances	1	1	1	1	1	1	1
Other	132	111	117	117	115	110	111
Total :	160	134	143	143	141	136	137

**Table 25 Projected Defense Purchases of
314 Advertising and related services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	808	510	506	489	479	460	482
Indirect Purchases	5,688	4,985	5,201	5,148	5,115	5,003	5,077
Total :	6,496	5,495	5,707	5,637	5,594	5,463	5,559
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	46	43	47	49	51	50	51
Aircraft Parts	108	103	114	119	126	124	128
Ammunition	106	93	94	99	97	94	93
Communication Equipment	239	228	242	251	254	248	249
Missiles	27	28	32	31	30	30	30
Motor Vehicles	82	51	57	57	56	51	45
Shipbuilding	99	97	106	104	101	119	119
Tanks	61	45	45	44	39	29	20
Other Electronic Equipment	26	25	27	28	28	28	28
Other Ordinances	42	30	32	32	31	29	27
Other	4,853	4,241	4,405	4,335	4,301	4,201	4,289
Total :	5,688	4,985	5,202	5,148	5,115	5,003	5,077

**Table 26 Projected Defense Purchases of
209 All other electronic components**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,369	1,262	1,372	1,441	1,468	1,448	1,450
Indirect Purchases	4,569	4,192	4,493	4,645	4,683	4,579	4,607
Total :	5,938	5,454	5,865	6,087	6,152	6,027	6,057
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	34	32	36	37	39	39	40
Aircraft Parts	112	108	121	129	138	138	144
Ammunition	37	33	34	36	36	35	35
Communication Equipment	1,455	1,405	1,509	1,578	1,612	1,588	1,611
Missiles	13	14	16	16	16	16	16
Motor Vehicles	70	45	51	51	51	47	41
Shipbuilding	78	78	86	85	84	100	101
Tanks	300	227	227	228	205	154	104
Other Electronic Equipment	192	177	194	204	207	205	205
Other Ordinances	18	13	14	14	14	14	13
Other	2,261	2,058	2,206	2,266	2,280	2,244	2,297
Total :	4,569	4,191	4,493	4,645	4,683	4,579	4,607

Note: numbers may not add due to rounding

**Table 27 Projected Defense Purchases of
292 Banks, savings institutions, and credit unions**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	6,000	5,313	5,610	5,634	5,604	5,474	5,526
Total :	6,000	5,314	5,610	5,634	5,604	5,474	5,526
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	77	73	80	83	87	86	87
Aircraft Parts	153	147	163	172	182	180	188
Ammunition	75	66	67	71	70	68	68
Communication Equipment	313	301	320	333	339	333	336
Missiles	48	51	59	56	56	55	54
Motor Vehicles	130	82	92	92	91	83	74
Shipbuilding	166	165	181	178	174	206	206
Tanks	81	61	61	60	54	40	27
Other Electronic Equipment	33	31	34	36	36	36	36
Other Ordinances	45	33	36	36	35	33	31
Other	4,878	4,303	4,517	4,517	4,479	4,354	4,420
Total :	6,000	5,313	5,610	5,634	5,604	5,474	5,526

Note: numbers may not add due to rounding

**Table 28 Projected Defense Purchases of
341 Food services & drinking places**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,119	2,730	2,768	2,712	2,685	2,641	2,724
Indirect Purchases	2,894	2,568	2,688	2,686	2,664	2,607	2,658
Total :	6,013	5,297	5,456	5,398	5,349	5,248	5,382
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	25	24	26	27	28	28	28
Aircraft Parts	47	45	50	53	56	55	57
Ammunition	26	23	24	25	25	24	24
Communication Equipment	101	97	103	107	109	107	108
Missiles	15	15	18	17	17	16	16
Motor Vehicles	44	28	31	31	31	28	25
Shipbuilding	54	54	59	58	57	67	67
Tanks	20	15	15	15	14	10	7
Other Electronic Equipment	10	9	10	11	11	11	11
Other Ordinances	15	11	12	12	12	11	10
Other	2,536	2,246	2,340	2,330	2,306	2,250	2,305
Total :	2,894	2,567	2,688	2,686	2,664	2,607	2,658

Note: numbers may not add due to rounding

**Table 29 Projected Defense Purchases of
16 Crude oil and natural gas extraction**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	87	76	89	69	71	54	59
Indirect Purchases	5,838	5,117	5,350	5,129	5,074	4,823	4,882
Total :	5,926	5,193	5,439	5,197	5,146	4,877	4,941
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	23	22	24	25	26	25	25
Aircraft Parts	122	116	128	134	140	138	142
Ammunition	47	41	41	44	43	41	41
Communication Equipment	75	72	77	79	80	78	78
Missiles	35	37	42	40	39	38	38
Motor Vehicles	92	58	64	64	62	56	49
Shipbuilding	84	83	91	88	85	100	100
Tanks	31	23	23	23	20	15	10
Other Electronic Equipment	11	11	12	12	12	12	12
Other Ordinances	23	17	18	18	18	17	16
Other	5,294	4,637	4,831	4,603	4,548	4,302	4,372
Total :	5,839	5,117	5,350	5,129	5,074	4,823	4,882

Note: numbers may not add due to rounding

**Table 30 Projected Defense Purchases of
340 Hotels and other accommodation**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,265	3,957	4,013	3,947	3,922	3,888	3,987
Indirect Purchases	1,318	1,150	1,212	1,208	1,204	1,178	1,193
Total :	5,583	5,108	5,226	5,155	5,125	5,066	5,179
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	14	13	15	15	16	16	16
Aircraft Parts	25	24	27	29	30	30	31
Ammunition	16	15	15	16	15	15	15
Communication Equipment	56	54	57	60	60	59	60
Missiles	8	9	10	10	10	10	10
Motor Vehicles	22	14	16	16	16	14	13
Shipbuilding	30	30	33	32	31	37	37
Tanks	15	12	11	11	10	8	5
Other Electronic Equipment	6	5	6	6	6	6	6
Other Ordinances	9	7	7	7	7	7	6
Other	1,114	968	1,015	1,006	1,001	976	994
Total :	1,318	1,150	1,212	1,208	1,204	1,178	1,193

Note: numbers may not add due to rounding

**Table 31 Projected Defense Purchases of
86 Printing**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,631	3,411	3,600	3,655	3,612	3,570	3,556
Indirect Purchases	1,988	1,686	1,712	1,667	1,608	1,533	1,522
Total :	5,619	5,097	5,312	5,322	5,220	5,103	5,078
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	11	10	11	11	11	10	10
Aircraft Parts	26	24	26	26	27	26	27
Ammunition	18	15	15	15	14	14	13
Communication Equipment	54	50	51	52	51	49	49
Missiles	7	7	7	7	7	6	6
Motor Vehicles	20	12	13	13	13	11	10
Shipbuilding	28	27	29	27	26	30	29
Tanks	14	10	10	10	8	6	4
Other Electronic Equipment	5	5	5	5	5	5	5
Other Ordinances	8	6	6	6	5	5	4
Other	1,798	1,521	1,539	1,495	1,440	1,370	1,365
Total :	1,988	1,686	1,712	1,667	1,608	1,533	1,522

Note: numbers may not add due to rounding

**Table 32 Projected Defense Purchases of
36 Maintenance and repair of nonresidential buildings**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,591	3,487	3,949	4,187	4,053	3,587	3,251
Indirect Purchases	1,829	1,606	1,676	1,665	1,641	1,594	1,600
Total :	5,420	5,092	5,625	5,852	5,694	5,180	4,851
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	24	23	25	26	27	26	26
Aircraft Parts	56	53	59	61	64	63	65
Ammunition	14	13	13	13	13	13	12
Communication Equipment	78	74	78	80	81	79	79
Missiles	15	16	18	17	17	16	16
Motor Vehicles	28	18	20	19	19	17	15
Shipbuilding	51	50	54	53	51	60	60
Tanks	29	21	21	21	18	14	9
Other Electronic Equipment	8	7	8	8	8	8	8
Other Ordinances	7	5	6	6	6	5	5
Other	1,519	1,326	1,376	1,361	1,336	1,292	1,303
Total :	1,829	1,606	1,676	1,665	1,641	1,594	1,600

Note: numbers may not add due to rounding

**Table 33 Projected Defense Purchases of
205 Broadcast and wireless communications equipment**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,129	3,033	3,286	3,458	3,496	3,301	3,288
Indirect Purchases	1,653	1,507	1,592	1,603	1,617	1,586	1,592
Total :	4,783	4,540	4,878	5,060	5,114	4,887	4,880
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	18	17	19	20	21	20	21
Aircraft Parts	4	4	5	5	5	5	6
Ammunition	160	141	143	152	150	146	145
Communication Equipment	971	879	929	917	941	923	935
Missiles	13	14	16	15	15	15	15
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	47	46	50	49	48	57	57
Tanks	4	3	3	3	3	2	2
Other Electronic Equipment	35	32	35	37	38	37	37
Other Ordinances	1	1	1	1	1	1	1
Other	398	368	389	402	395	378	374
Total :	1,653	1,507	1,592	1,603	1,617	1,586	1,592

Note: numbers may not add due to rounding

**Table 34 Projected Defense Purchases of
279 Warehousing and storage**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,046	2,775	2,795	2,678	2,620	2,557	2,596
Indirect Purchases	1,626	1,469	1,565	1,581	1,582	1,557	1,566
Total :	4,673	4,244	4,360	4,260	4,202	4,115	4,163
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	48	46	51	53	56	55	56
Aircraft Parts	129	125	139	148	157	155	162
Ammunition	21	18	19	20	20	19	19
Communication Equipment	140	135	145	151	154	152	153
Missiles	28	29	34	32	32	32	32
Motor Vehicles	65	41	46	46	46	42	37
Shipbuilding	90	89	99	97	95	113	113
Tanks	58	44	44	44	39	29	20
Other Electronic Equipment	15	14	15	16	16	16	16
Other Ordinances	10	7	8	8	8	7	7
Other	1,024	920	965	966	958	937	952
Total :	1,626	1,469	1,565	1,581	1,582	1,557	1,566

**Table 35 Projected Defense Purchases of
134 Primary ferrous metal products**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	132	96	103	98	97	88	84
Indirect Purchases	4,664	3,951	4,227	4,212	4,151	4,092	3,969
Total :	4,796	4,047	4,331	4,310	4,249	4,180	4,054
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	125	118	128	132	137	133	135
Aircraft Parts	167	159	175	183	192	188	194
Ammunition	117	102	103	108	105	101	100
Communication Equipment	254	243	257	265	267	259	260
Missiles	45	47	53	50	49	48	47
Motor Vehicles	645	403	448	444	436	394	343
Shipbuilding	795	779	849	824	799	940	935
Tanks	297	220	215	213	188	139	92
Other Electronic Equipment	32	29	32	33	34	33	33
Other Ordinances	142	100	106	104	102	94	85
Other	2,045	1,750	1,860	1,855	1,842	1,762	1,746
Total :	4,664	3,951	4,227	4,212	4,151	4,091	3,969

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	63	55	56	54	53	50	51
Indirect Purchases	4,419	3,955	4,172	4,215	4,198	4,113	4,175
Total :	4,482	4,010	4,228	4,269	4,250	4,163	4,226
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	31	30	33	34	36	36	37
Aircraft Parts	70	68	76	81	86	85	89
Ammunition	57	51	52	55	55	54	53
Communication Equipment	252	244	262	274	280	276	280
Missiles	25	26	31	29	29	29	29
Motor Vehicles	56	35	40	40	40	37	32
Shipbuilding	77	77	85	83	82	98	98
Tanks	39	29	29	30	27	20	13
Other Electronic Equipment	28	27	29	31	31	31	31
Other Ordinances	45	33	36	36	36	34	31
Other	3,740	3,335	3,500	3,522	3,496	3,414	3,480
Total :	4,420	3,955	4,172	4,215	4,198	4,113	4,175

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,399	3,885	3,944	4,173	4,111	4,001	3,970
Indirect Purchases	90	76	78	83	81	78	77
Total :	4,489	3,962	4,022	4,256	4,192	4,079	4,047
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	90	76	78	83	81	78	77
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total :	90	76	78	83	81	78	77

**Table 38 Projected Defense Purchases of
321 Employment services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	243	185	190	185	182	174	183
Indirect Purchases	4,223	3,719	3,916	3,948	3,898	3,784	3,840
Total :	4,466	3,904	4,106	4,133	4,079	3,958	4,023
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	19	18	19	20	21	21	21
Aircraft Parts	37	36	40	42	45	44	46
Ammunition	28	25	25	26	26	25	25
Communication Equipment	81	77	83	86	88	87	87
Missiles	12	12	14	14	14	13	13
Motor Vehicles	33	21	23	23	23	21	19
Shipbuilding	42	42	46	45	44	53	53
Tanks	23	17	17	17	15	11	8
Other Electronic Equipment	8	8	9	9	9	9	9
Other Ordinances	16	12	13	13	13	12	11
Other	3,926	3,452	3,627	3,652	3,599	3,487	3,547
Total :	4,223	3,719	3,916	3,948	3,898	3,784	3,840

Note: numbers may not add due to rounding

**Table 39 Projected Defense Purchases of
334 Hospitals**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,940	3,674	3,898	3,849	3,821	3,827	4,033
Total :	3,940	3,674	3,898	3,849	3,821	3,827	4,033
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Other	-17	-18	-19	-19	-19	-20	-21
Total :	-17	-18	-19	-19	-19	-20	-21

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,468	3,010	3,143	3,119	3,067	2,978	3,073
Indirect Purchases	737	660	697	701	695	682	693
Total :	4,204	3,669	3,841	3,820	3,762	3,660	3,766
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	5	5	6	6	6	6
Aircraft Parts	14	14	15	16	17	17	18
Ammunition	5	4	4	4	4	4	4
Communication Equipment	46	44	47	49	50	50	50
Missiles	9	10	11	11	11	10	10
Motor Vehicles	8	5	6	6	6	5	5
Shipbuilding	22	22	24	24	23	27	27
Tanks	10	7	7	7	6	5	3
Other Electronic Equipment	8	8	8	9	9	9	9
Other Ordinances	4	3	3	3	3	3	3
Other	605	538	565	566	560	546	558
Total :	737	660	697	701	695	682	693

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,878	1,214	1,367	1,346	1,311	1,159	1,010
Indirect Purchases	3,185	2,448	2,631	2,620	2,586	2,463	2,367
Total :	5,062	3,662	3,997	3,966	3,897	3,622	3,377
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	16	15	17	18	18	18	19
Aircraft Parts	22	21	23	25	26	26	27
Ammunition	14	12	12	13	13	13	12
Communication Equipment	47	46	49	51	52	51	51
Missiles	5	5	6	5	5	5	5
Motor Vehicles	1,399	892	997	992	976	881	779
Shipbuilding	101	101	112	110	108	129	129
Tanks	12	9	9	9	8	6	4
Other Electronic Equipment	8	8	8	9	9	9	9
Other Ordinances	5	3	4	4	4	3	3
Other	1,556	1,336	1,394	1,385	1,367	1,322	1,328
Total :	3,185	2,448	2,631	2,620	2,586	2,463	2,367

**Table 42 Projected Defense Purchases of
320 Facilities support services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,754	3,551	3,629	3,558	3,484	3,335	3,465
Indirect Purchases	118	104	111	112	111	107	109
Total :	4,872	3,656	3,740	3,671	3,595	3,442	3,574
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	1	1	1	1
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1	1
Communication Equipment	2	2	2	2	2	2	2
Missiles	0	0	0	0	0	0	0
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	2
Tanks	1	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	110	97	103	104	103	99	101
Total :	118	104	111	112	111	107	109

**Table 43 Projected Defense Purchases of
250 Military armored vehicles and tank parts**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,144	3,612	3,758	3,635	3,369	2,803	2,250
Total :	5,144	3,612	3,758	3,635	3,369	2,803	2,250
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Tanks	0	0	0	0	0	0	0
Total :	0						

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,635	1,404	1,451	1,410	1,385	1,341	1,411
Indirect Purchases	2,332	2,059	2,165	2,176	2,149	2,088	2,116
Total :	3,967	3,463	3,616	3,586	3,534	3,429	3,527
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	11	10	11	12	13	12	13
Aircraft Parts	24	23	26	27	29	29	30
Ammunition	17	15	15	16	16	15	15
Communication Equipment	48	47	50	52	53	52	53
Missiles	7	7	8	8	8	8	8
Motor Vehicles	20	12	14	14	14	13	11
Shipbuilding	26	26	28	28	27	32	32
Tanks	15	11	11	11	10	7	5
Other Electronic Equipment	5	5	5	6	6	6	6
Other Ordinances	8	6	7	7	7	6	6
Other	2,151	1,896	1,989	1,996	1,968	1,907	1,938
Total :	2,332	2,059	2,165	2,176	2,149	2,088	2,116

Note: numbers may not add due to rounding

**Table 45 Projected Defense Purchases of
208 Semiconductors and electron tubes**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	226	226	244	253	251	246	245
Indirect Purchases	3,477	3,211	3,464	3,589	3,641	3,583	3,619
Total :	3,703	3,436	3,707	3,842	3,891	3,829	3,864
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	26	25	28	29	31	31	32
Aircraft Parts	80	78	88	94	101	101	106
Ammunition	32	29	29	32	31	31	31
Communication Equipment	1,216	1,174	1,263	1,327	1,362	1,347	1,371
Missiles	78	83	96	92	93	93	93
Motor Vehicles	96	62	71	71	71	64	57
Shipbuilding	62	62	69	69	68	82	83
Tanks	206	156	157	158	143	108	73
Other Electronic Equipment	179	166	181	188	193	193	196
Other Ordinances	14	11	12	12	12	11	10
Other	1,487	1,365	1,470	1,518	1,535	1,522	1,566
Total :	3,477	3,211	3,464	3,589	3,641	3,583	3,619

**Table 46 Projected Defense Purchases of
299 Automotive equipment rental and leasing**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,855	1,735	1,761	1,732	1,721	1,706	1,749
Indirect Purchases	1,812	1,603	1,676	1,675	1,654	1,609	1,623
Total :	3,667	3,338	3,437	3,406	3,374	3,315	3,372
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	21	20	22	23	24	23	24
Aircraft Parts	41	39	43	45	48	47	49
Ammunition	19	17	17	18	17	17	17
Communication Equipment	69	66	71	73	74	72	73
Missiles	10	11	13	12	12	12	11
Motor Vehicles	27	17	19	19	19	17	15
Shipbuilding	42	42	46	45	44	51	51
Tanks	20	15	15	15	13	10	7
Other Electronic Equipment	8	7	8	8	8	8	8
Other Ordinances	9	6	7	7	7	6	6
Other	1,545	1,362	1,416	1,410	1,388	1,345	1,363
Total :	1,812	1,603	1,676	1,675	1,654	1,609	1,623

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,674	3,132	3,288	3,241	3,212	3,204	3,374
Total :	3,674	3,132	3,288	3,241	3,212	3,204	3,374
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Other	-16	-16	-16	-16	-16	-17	-18
Total :	-16	-16	-16	-16	-16	-17	-18

**Table 48 Projected Defense Purchases of
352 Postal service**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,007	1,747	1,784	1,754	1,735	1,693	1,745
Indirect Purchases	1,450	1,251	1,290	1,272	1,237	1,186	1,188
Total :	3,457	2,998	3,074	3,027	2,972	2,879	2,933
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	7	7	7	7	8	7	7
Aircraft Parts	18	17	18	19	20	19	20
Ammunition	7	6	6	7	6	6	6
Communication Equipment	52	48	50	51	51	50	49
Missiles	4	4	5	4	4	4	4
Motor Vehicles	16	10	11	10	10	9	8
Shipbuilding	16	16	17	17	16	19	18
Tanks	7	5	5	5	5	3	2
Other Electronic Equipment	3	3	3	3	3	3	3
Other Ordinances	4	3	3	3	3	3	2
Other	1,315	1,132	1,164	1,145	1,111	1,063	1,068
Total :	1,450	1,251	1,290	1,272	1,237	1,186	1,188

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	155	132	143	139	144	134	141
Indirect Purchases	3,346	2,857	2,996	2,958	2,882	2,751	2,614
Total :	3,501	2,989	3,140	3,097	3,026	2,884	2,755
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	35	33	36	37	38	37	37
Aircraft Parts	197	187	206	216	226	222	229
Ammunition	76	67	67	70	69	66	65
Communication Equipment	164	157	166	171	173	168	168
Missiles	124	129	147	138	137	134	131
Motor Vehicles	153	97	108	107	104	93	81
Shipbuilding	385	378	411	399	387	455	452
Tanks	811	602	591	584	518	382	254
Other Electronic Equipment	18	17	18	19	19	19	19
Other Ordinances	56	40	43	42	41	38	35
Other	1,326	1,151	1,203	1,174	1,170	1,136	1,143
Total :	3,346	2,857	2,996	2,958	2,882	2,751	2,614

Note: numbers may not add due to rounding

**Table 50 Projected Defense Purchases of
308 Custom computer programming**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,857	2,389	2,494	2,464	2,426	2,359	2,433
Indirect Purchases	637	556	583	602	600	580	574
Total :	3,494	2,945	3,077	3,067	3,026	2,939	3,008
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	16	15	17	17	18	18	18
Aircraft Parts	21	20	22	24	25	25	26
Ammunition	196	173	176	186	183	178	177
Communication Equipment	114	109	115	119	121	119	120
Missiles	1	1	2	2	2	2	2
Motor Vehicles	2	1	2	2	2	1	1
Shipbuilding	3	3	3	3	3	4	4
Tanks	5	3	3	3	3	2	1
Other Electronic Equipment	4	4	4	4	4	4	4
Other Ordinances	113	84	90	90	89	83	77
Other	161	141	150	153	151	144	144
Total :	637	556	583	602	600	580	574

**Table 51 Projected Defense Purchases of
327 Waste management and remediation services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,769	1,716	1,715	1,675	1,652	1,600	1,674
Indirect Purchases	1,341	1,068	1,108	1,100	1,084	1,058	1,069
Total :	4,110	2,783	2,823	2,776	2,736	2,658	2,743
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	10	10	10	11	11	11	11
Aircraft Parts	32	31	34	36	38	37	38
Ammunition	11	10	10	10	10	10	10
Communication Equipment	35	33	35	36	37	36	36
Missiles	6	7	7	7	7	7	7
Motor Vehicles	20	12	14	14	14	12	11
Shipbuilding	62	61	66	64	62	73	73
Tanks	19	14	14	14	12	9	6
Other Electronic Equipment	5	4	5	5	5	5	5
Other Ordinances	8	6	6	6	6	5	5
Other	1,133	880	906	897	883	853	869
Total :	1,341	1,068	1,108	1,100	1,084	1,058	1,069

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	17	14	15	15	15	14	15
Indirect Purchases	3,008	2,709	2,883	2,925	2,930	2,884	2,939
Total :	3,025	2,723	2,898	2,940	2,944	2,899	2,954
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	38	37	41	43	45	45	46
Aircraft Parts	73	71	80	85	91	90	94
Ammunition	38	34	35	37	37	36	36
Communication Equipment	153	149	160	168	172	170	173
Missiles	23	25	28	27	27	27	27
Motor Vehicles	66	42	48	48	48	44	39
Shipbuilding	81	81	90	89	87	104	105
Tanks	41	31	31	31	28	21	14
Other Electronic Equipment	16	15	17	18	18	18	18
Other Ordinances	22	16	18	18	18	17	15
Other	2,457	2,209	2,337	2,362	2,358	2,311	2,370
Total :	3,008	2,709	2,883	2,925	2,930	2,884	2,939

**Table 53 Projected Defense Purchases of
206 Other communications equipment**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,486	2,456	2,650	2,736	2,750	2,660	2,669
Indirect Purchases	121	110	120	124	122	115	112
Total :	2,607	2,566	2,770	2,860	2,872	2,775	2,781
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	0	0	0	0	0	0	0
Communication Equipment	22	20	22	23	22	21	21
Missiles	0	0	0	0	0	0	0
Motor Vehicles	1	0	1	1	1	1	0
Shipbuilding	1	1	1	1	1	1	1
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	95	87	95	98	96	90	87
Total :	121	110	120	124	122	115	112

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	813	622	638	626	618	603	632
Indirect Purchases	2,174	1,919	2,027	2,048	2,023	1,965	1,994
Total :	2,986	2,541	2,664	2,674	2,641	2,568	2,626
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	9	8	9	9	10	10	10
Aircraft Parts	18	17	19	20	22	21	22
Ammunition	13	12	12	13	12	12	12
Communication Equipment	41	40	42	44	45	45	45
Missiles	6	6	7	7	7	6	6
Motor Vehicles	16	10	12	12	11	10	9
Shipbuilding	20	20	22	22	21	25	25
Tanks	11	9	9	9	8	6	4
Other Electronic Equipment	4	4	4	5	5	5	5
Other Ordinances	8	6	6	6	6	6	5
Other	2,028	1,788	1,885	1,902	1,876	1,819	1,850
Total :	2,174	1,919	2,027	2,048	2,023	1,965	1,994

**Table 55 Projected Defense Purchases of
333 Other ambulatory health care services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,972	2,234	2,305	2,265	2,244	2,228	2,344
Indirect Purchases	335	259	268	264	261	259	272
Total :	3,307	2,493	2,573	2,529	2,505	2,487	2,616
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	0	0	0	0	0	0	0
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	333	257	266	262	259	257	270
Total :	335	259	268	264	261	259	272

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,682	1,330	1,355	1,354	1,350	1,327	1,364
Indirect Purchases	1,193	1,097	1,189	1,238	1,243	1,215	1,246
Total :	2,876	2,427	2,544	2,592	2,593	2,542	2,611
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	3	3	3	3	4	4	4
Aircraft Parts	9	9	10	11	12	12	12
Ammunition	4	3	4	4	4	4	4
Communication Equipment	17	17	18	19	20	20	20
Missiles	3	3	4	4	4	4	4
Motor Vehicles	6	4	4	5	5	4	4
Shipbuilding	9	9	10	10	10	12	12
Tanks	4	3	3	3	3	2	1
Other Electronic Equipment	2	2	2	2	2	2	2
Other Ordinances	2	1	1	1	1	1	1
Other	1,136	1,043	1,130	1,177	1,179	1,150	1,182
Total :	1,194	1,097	1,189	1,238	1,243	1,215	1,246

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,476	1,140	1,205	1,250	1,300	1,370	1,453
Indirect Purchases	1,422	1,248	1,306	1,305	1,288	1,250	1,265
Total :	2,898	2,388	2,511	2,555	2,589	2,620	2,718
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	5	6	6	6	6	6
Aircraft Parts	20	19	21	22	23	23	24
Ammunition	11	9	10	10	10	10	10
Communication Equipment	45	43	45	47	47	46	47
Missiles	5	5	6	6	6	6	6
Motor Vehicles	34	21	24	24	23	21	18
Shipbuilding	16	16	18	17	17	20	20
Tanks	14	10	10	10	9	7	4
Other Electronic Equipment	4	4	4	4	4	4	4
Other Ordinances	6	5	5	5	5	4	4
Other	1,262	1,110	1,158	1,155	1,138	1,104	1,123
Total :	1,422	1,248	1,306	1,305	1,288	1,250	1,265

Note: numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	533	279	103	101	100	100	101
Indirect Purchases	2,419	2,102	2,151	2,148	2,114	2,050	2,052
Total :	2,952	2,381	2,254	2,249	2,214	2,149	2,153
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	34	32	35	36	37	36	37
Aircraft Parts	62	59	64	67	71	69	72
Ammunition	32	28	28	30	29	28	28
Communication Equipment	126	119	126	130	130	127	127
Missiles	21	22	25	24	24	23	23
Motor Vehicles	51	32	36	35	35	31	27
Shipbuilding	71	69	75	73	71	83	82
Tanks	30	22	22	22	19	14	9
Other Electronic Equipment	13	12	13	14	14	13	13
Other Ordinances	18	13	14	14	14	13	12
Other	1,961	1,692	1,713	1,704	1,671	1,611	1,622
Total :	2,419	2,102	2,151	2,148	2,114	2,050	2,052

Note: numbers may not add due to rounding

**Table 59 Projected Defense Purchases of
305 Accounting and bookkeeping**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	205	181	191	187	187	183	194
Indirect Purchases	2,415	2,123	2,218	2,226	2,195	2,126	2,142
Total :	2,620	2,304	2,409	2,413	2,382	2,309	2,335
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	21	20	22	23	24	23	24
Aircraft Parts	53	50	56	59	62	61	63
Ammunition	16	14	14	15	14	14	14
Communication Equipment	106	102	108	112	113	110	110
Missiles	15	16	18	17	17	17	17
Motor Vehicles	37	23	26	26	25	23	20
Shipbuilding	50	49	53	52	51	60	60
Tanks	30	22	22	22	19	14	10
Other Electronic Equipment	10	9	10	10	10	10	10
Other Ordinances	12	9	9	9	9	8	8
Other	2,067	1,809	1,880	1,882	1,851	1,786	1,807
Total :	2,415	2,123	2,218	2,226	2,195	2,126	2,142

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Note: numbers may not add due to rounding

**Table 60 Projected Defense Purchases of
323 Travel arrangement and reservation services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	98	55	53	51	50	49	51
Indirect Purchases	2,422	2,211	2,263	2,219	2,192	2,143	2,205
Total :	2,520	2,266	2,316	2,270	2,242	2,192	2,256
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	5	5	5	6	6	6	6
Aircraft Parts	7	7	7	8	8	8	8
Ammunition	4	3	3	3	3	3	3
Communication Equipment	13	13	14	14	14	14	14
Missiles	2	3	3	3	3	3	3
Motor Vehicles	7	4	5	5	5	4	4
Shipbuilding	7	7	8	8	8	9	9
Tanks	4	3	3	3	2	2	1
Other Electronic Equipment	2	1	2	2	2	2	2
Other Ordinances	2	1	1	1	1	1	1
Other	2,369	2,164	2,212	2,167	2,140	2,092	2,155
Total :	2,422	2,211	2,263	2,219	2,192	2,143	2,205

Note: numbers may not add due to rounding

**Table 61 Projected Defense Purchases of
272 Rail transportation**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,477	1,349	1,355	1,302	1,274	1,249	1,264
Indirect Purchases	986	872	928	933	932	918	923
Total :	2,464	2,221	2,283	2,235	2,207	2,167	2,187
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	9	9	10	10	11	11	11
Aircraft Parts	34	33	37	39	42	41	43
Ammunition	22	20	21	22	22	21	21
Communication Equipment	23	22	24	25	25	25	25
Missiles	8	9	10	10	10	10	10
Motor Vehicles	57	37	41	42	42	38	34
Shipbuilding	43	43	48	47	46	55	55
Tanks	16	12	12	12	11	8	5
Other Electronic Equipment	4	4	4	4	4	4	4
Other Ordinances	10	8	8	8	8	8	7
Other	760	677	714	714	712	696	706
Total :	986	872	928	933	932	918	923

Note: numbers may not add due to rounding

**Table 62 Projected Defense Purchases of
291 Data processing services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	415	327	351	354	349	350	365
Indirect Purchases	1,995	1,799	1,917	1,945	1,945	1,917	1,950
Total :	2,410	2,126	2,268	2,299	2,294	2,267	2,315
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	27	26	29	30	32	31	32
Aircraft Parts	68	66	74	78	83	83	87
Ammunition	21	18	19	20	20	20	20
Communication Equipment	127	123	132	138	141	140	142
Missiles	23	24	28	27	27	27	27
Motor Vehicles	37	24	27	27	27	25	22
Shipbuilding	77	77	86	85	83	99	100
Tanks	37	28	28	28	26	19	13
Other Electronic Equipment	11	10	11	12	12	12	12
Other Ordinances	16	12	13	13	13	12	11
Other	1,552	1,391	1,472	1,487	1,481	1,449	1,486
Total :	1,995	1,799	1,917	1,945	1,945	1,917	1,950

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,323	1,220	1,314	1,363	1,385	1,371	1,396
Indirect Purchases	1,026	875	903	890	869	836	834
Total :	2,350	2,095	2,217	2,253	2,254	2,207	2,230
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	14	13	14	15	15	15	15
Aircraft Parts	31	29	31	32	34	33	34
Ammunition	8	7	7	7	7	7	6
Communication Equipment	41	39	41	42	42	40	40
Missiles	6	6	7	6	6	6	6
Motor Vehicles	24	15	16	16	15	14	12
Shipbuilding	34	33	35	34	33	38	38
Tanks	20	14	14	14	12	9	6
Other Electronic Equipment	6	6	6	6	6	6	6
Other Ordinances	6	4	4	4	4	4	3
Other	836	709	728	714	695	665	668
Total :	1,026	875	903	890	869	836	834

Note: numbers may not add due to rounding

**Table 64 Projected Defense Purchases of
303 Lessors of nonfinancial intangible assets (royalties)**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	2,263	2,040	2,178	2,201	2,200	2,177	2,209
Total :	2,263	2,040	2,178	2,202	2,200	2,177	2,209
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	10	10	11	11	12	12	12
Aircraft Parts	27	26	30	32	34	33	35
Ammunition	22	20	20	22	21	21	21
Communication Equipment	317	310	337	352	358	346	349
Missiles	8	8	10	9	9	9	9
Motor Vehicles	62	40	45	45	45	41	36
Shipbuilding	167	167	184	181	178	211	212
Tanks	20	15	15	15	14	10	7
Other Electronic Equipment	15	15	16	17	17	17	17
Other Ordinances	14	11	12	12	12	11	11
Other	1,601	1,418	1,499	1,505	1,501	1,465	1,500
Total :	2,263	2,040	2,178	2,201	2,200	2,177	2,209

Note: numbers may not add due to rounding

**Table 65 Projected Defense Purchases of
17 Reserved (for natural gas)**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	2,324	2,015	2,104	2,054	2,032	1,952	1,980
Total :	2,324	2,015	2,104	2,054	2,032	1,952	1,980
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	15	14	16	16	17	17	17
Aircraft Parts	48	46	51	53	56	55	57
Ammunition	28	25	25	27	26	25	25
Communication Equipment	41	40	42	44	44	44	44
Missiles	12	13	14	14	14	13	13
Motor Vehicles	40	25	28	28	28	25	22
Shipbuilding	45	44	49	47	46	54	54
Tanks	19	14	14	14	12	9	6
Other Electronic Equipment	6	6	6	6	6	6	6
Other Ordinances	12	9	9	9	9	9	8
Other	2,058	1,780	1,850	1,796	1,773	1,695	1,727
Total :	2,324	2,015	2,105	2,054	2,032	1,952	1,980

Note: numbers may not add due to rounding

**Table 66 Projected Defense Purchases of
28 Natural gas distribution**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	856	705	719	707	698	678	702
Indirect Purchases	1,343	1,177	1,243	1,246	1,235	1,206	1,211
Total :	2,199	1,883	1,962	1,953	1,933	1,884	1,913
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	20	19	21	22	22	22	22
Aircraft Parts	43	41	46	48	51	50	52
Ammunition	35	31	31	33	33	32	31
Communication Equipment	52	50	53	55	56	55	55
Missiles	9	9	11	10	10	10	10
Motor Vehicles	41	26	29	29	29	26	23
Shipbuilding	54	53	59	57	56	66	66
Tanks	24	18	18	18	16	12	8
Other Electronic Equipment	7	7	7	8	8	8	8
Other Ordinances	15	11	12	12	11	11	10
Other	1,044	912	957	954	943	914	924
Total :	1,343	1,177	1,243	1,246	1,235	1,206	1,211

Note: numbers may not add due to rounding

**Table 67 Projected Defense Purchases of
354 Other state and local government enterprises (except electric utilities and transit)**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	2,108	1,813	1,905	1,917	1,914	1,878	1,923
Total :	2,108	1,813	1,905	1,917	1,914	1,878	1,923
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	7	7	7	8	8	8	8
Aircraft Parts	19	19	21	22	24	24	25
Ammunition	17	15	16	17	17	16	16
Communication Equipment	53	52	56	59	60	59	60
Missiles	7	7	9	8	8	8	8
Motor Vehicles	33	20	23	23	24	22	20
Shipbuilding	24	24	27	26	26	31	31
Tanks	17	13	13	13	12	9	6
Other Electronic Equipment	6	5	6	6	6	6	7
Other Ordinances	24	18	20	20	20	19	17
Other	1,902	1,631	1,707	1,714	1,709	1,675	1,724
Total :	2,108	1,813	1,905	1,917	1,914	1,878	1,923

Note: numbers may not add due to rounding

**Table 68 Projected Defense Purchases of
307 Specialized design services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,491	1,174	1,609	1,861	1,786	1,933	1,952
Indirect Purchases	699	618	660	674	670	654	664
Total :	2,189	1,792	2,268	2,535	2,456	2,587	2,616
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	3	3	3	4	4	4	4
Aircraft Parts	6	6	7	7	8	8	8
Ammunition	4	3	3	4	4	4	4
Communication Equipment	15	14	15	16	17	16	17
Missiles	2	2	2	2	2	2	2
Motor Vehicles	25	16	18	18	18	16	14
Shipbuilding	7	7	8	8	8	9	9
Tanks	4	3	3	3	2	2	1
Other Electronic Equipment	2	2	2	2	2	2	2
Other Ordinances	2	2	2	2	2	2	1
Other	629	560	596	609	604	590	602
Total :	699	618	660	674	670	654	664

Note: numbers may not add due to rounding

**Table 69 Projected Defense Purchases of
200 Electronic computers**
(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,252	1,240	1,371	1,460	1,539	1,607	1,676
Indirect Purchases	558	512	547	557	562	558	575
Total :	1,810	1,752	1,918	2,017	2,101	2,164	2,251
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	1	1	1	1	1	1	1
Ammunition	1	1	1	1	1	1	1
Communication Equipment	78	74	78	81	82	81	81
Missiles	1	1	1	1	1	1	1
Motor Vehicles	1	1	1	1	1	1	1
Shipbuilding	1	1	1	1	1	1	1
Tanks	1	0	0	0	0	0	0
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	0	0	0	0	0	0	0
Other	474	433	463	470	474	470	488
Total :	558	512	547	557	562	558	575

Note: numbers may not add due to rounding

**Table 70 Projected Defense Purchases of
301 Machinery and equipment rental and leasing**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	220	170	178	171	171	164	172
Indirect Purchases	1,765	1,577	1,667	1,671	1,662	1,621	1,639
Total :	1,985	1,748	1,845	1,843	1,833	1,785	1,811
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	16	16	17	18	19	18	19
Aircraft Parts	32	31	34	36	38	38	40
Ammunition	14	12	13	13	13	13	13
Communication Equipment	52	50	54	56	57	56	57
Missiles	8	8	10	9	9	9	9
Motor Vehicles	23	15	16	16	16	15	13
Shipbuilding	33	33	36	35	35	41	41
Tanks	15	12	11	11	10	8	5
Other Electronic Equipment	6	6	6	6	7	7	7
Other Ordinances	7	5	5	5	5	5	4
Other	1,559	1,391	1,464	1,464	1,452	1,411	1,431
Total :	1,765	1,577	1,667	1,671	1,662	1,621	1,639

Note: numbers may not add due to rounding

**Table 71 Projected Defense Purchases of
322 Business support services**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	617	451	459	445	433	411	427
Indirect Purchases	1,463	1,273	1,327	1,323	1,303	1,263	1,275
Total :	2,081	1,724	1,786	1,768	1,736	1,674	1,703
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	10	10	11	11	12	11	11
Aircraft Parts	23	22	24	25	27	26	27
Ammunition	13	11	11	12	12	11	11
Communication Equipment	43	41	44	45	46	45	45
Missiles	7	7	8	8	7	7	7
Motor Vehicles	20	13	14	14	14	12	11
Shipbuilding	24	24	26	26	25	29	29
Tanks	14	10	10	10	9	7	4
Other Electronic Equipment	5	5	5	5	5	5	5
Other Ordinances	7	5	5	5	5	5	5
Other	1,298	1,125	1,168	1,162	1,142	1,104	1,119
Total :	1,463	1,273	1,327	1,323	1,303	1,263	1,276

Note: numbers may not add due to rounding

**Table 72 Projected Defense Purchases of
245 Propulsion units and parts for space vehicles and guided missiles**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	902	834	939	1,035	1,058	1,075	1,075
Indirect Purchases	834	856	972	942	942	928	919
Total :	1,736	1,690	1,911	1,976	2,000	2,003	1,993
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	0	0	0	0	0	0	0
Aircraft Parts	0	0	0	0	0	0	0
Ammunition	0	0	0	0	0	0	0
Communication Equipment	0	0	0	0	0	0	0
Missiles	662	697	798	755	755	741	733
Motor Vehicles	0	0	0	0	0	0	0
Shipbuilding	0	0	0	0	0	0	0
Tanks	0	0	0	0	0	0	0
Other Electronic Equipment	0	0	0	0	0	0	0
Other Ordinances	0	0	0	0	0	0	0
Other	170	157	173	185	186	185	184
Total :	834	856	972	942	942	928	918

Note: numbers may not add due to rounding

**Table 73 Projected Defense Purchases of
329 Colleges, universities, and junior colleges**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,447	1,252	1,265	1,245	1,200	1,148	1,149
Indirect Purchases	486	429	451	452	448	435	441
Total :	1,933	1,681	1,715	1,697	1,648	1,583	1,590
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	2	2	2	2	2	2	2
Aircraft Parts	4	4	4	4	5	4	5
Ammunition	5	4	4	5	5	4	4
Communication Equipment	24	23	24	25	25	25	25
Missiles	1	1	1	1	1	1	1
Motor Vehicles	12	8	9	9	9	8	7
Shipbuilding	5	5	5	5	5	6	6
Tanks	2	1	1	1	1	1	1
Other Electronic Equipment	1	1	1	1	1	1	1
Other Ordinances	3	2	2	2	2	2	2
Other	428	378	396	397	392	380	387
Total :	486	429	451	452	448	435	441

Note: numbers may not add due to rounding

**Table 74 Projected Defense Purchases of
136 Aluminum products**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	30	19	20	19	19	18	18
Indirect Purchases	2,029	1,644	1,775	1,782	1,807	1,758	1,721
Total :	2,059	1,664	1,795	1,801	1,825	1,776	1,739
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	12	12	13	14	14	14	14
Aircraft Parts	293	281	312	330	350	347	360
Ammunition	49	43	44	47	46	45	44
Communication Equipment	64	62	67	70	71	69	70
Missiles	7	7	8	8	8	8	8
Motor Vehicles	429	262	291	296	301	287	254
Shipbuilding	66	65	72	70	69	82	82
Tanks	157	118	117	117	104	78	52
Other Electronic Equipment	8	7	8	8	8	8	8
Other Ordinances	13	10	10	10	10	9	9
Other	931	776	833	812	825	812	820
Total :	2,029	1,644	1,775	1,782	1,806	1,758	1,721

Note: numbers may not add due to rounding

**Table 75 Projected Defense Purchases of
278 Couriers and messengers**

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	16	16	16	16	15	16
Indirect Purchases	1,842	1,634	1,721	1,729	1,716	1,674	1,700
Total :	1,861	1,650	1,737	1,745	1,731	1,689	1,715
INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR							
Aircraft Engines	16	15	17	17	18	18	18
Aircraft Parts	35	34	37	40	42	42	43
Ammunition	19	17	17	18	18	18	18
Communication Equipment	63	60	64	67	68	67	68
Missiles	10	10	12	11	11	11	11
Motor Vehicles	31	20	22	22	22	20	18
Shipbuilding	38	37	41	40	39	47	47
Tanks	20	15	15	15	13	10	7
Other Electronic Equipment	8	7	8	8	8	8	8
Other Ordinances	10	8	8	8	8	7	7
Other	1,593	1,411	1,479	1,482	1,467	1,427	1,456
Total :	1,842	1,634	1,721	1,729	1,716	1,674	1,700

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 2013. A separate table is provided for each of the 50 states and the District of Columbia; an additional table is provided for the United States as a whole. The tables are divided into two sections. The first section of each table presents estimates of direct defense purchases and pay and of indirect defense purchases for each year of the projection period. (For purposes of comparison, projections of nondefense expenditures and of total output—total economic activity—also are provided.) The second section provides estimates of the dollar value of direct and indirect purchases from the five industrial sectors projected to lead in defense sales in the state, and the five projected to lead in indirect sales stemming from DoD purchases, over the forecast period.

The industrial *sectors* represented in the tables are aggregates of the *industries* covered in Section II. Industry projections are made for 360 industries of *ILIAD* model in section II. For purposes of the state-level reports in this section, these are grouped into 111 industrial sectors defined in *LIFT* model (this information is presented in Appendix A). For an example, industrial sector 54, “Aerospace products and parts,” used in the state tables, includes four industries: industry 241, “Aircraft”; industry 242, “Aircraft engines and engine parts”; industry 243, “Other aircraft parts and equipment”; industry 244, “Guided Missiles and Space Vehicles”; and industry 245, “Propulsion units and parts for space vehicles and guided missiles.

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

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

Retirement pay is treated on a disbursement basis in *RDEPPS*, as opposed to an accrual basis in *IDEPPS*. The *RDEPPS* measure of total direct defense expenditures is made smaller by the removal of pay sent abroad, but is made larger by the fact that retirement disbursements currently exceed accruals. The net effect is that *RDEPPS* projections of total direct spending are *larger* than the comparable *IDEPPS* projections.

Table 1 Alabama Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	11,295	10,334	10,672	10,655	10,508	10,251	10,262
Indirect Defense Purchases Resulting from Direct Purchases	4,842	4,280	4,520	4,526	4,474	4,340	4,336
Induced Defense Purchases Resulting from Direct Pay	1,893	1,797	1,817	1,808	1,812	1,813	1,817
Total Nondefense Expenditures	390,200	402,790	414,333	427,923	443,032	457,795	471,364
Total Output	409,568	420,380	432,572	446,148	461,061	475,416	489,019
General government industry	3,806	3,709	3,737	3,717	3,706	3,694	3,694
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	3,380	3,065	3,204	3,238	3,127	2,985	2,933
Truck transportation	601	554	559	541	539	536	549
Computer systems design and related services	470	404	420	411	407	398	418
Administrative and support services	339	255	261	255	251	243	255
Educational services	239	200	204	200	197	193	202
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	1,022	919	971	975	963	933	930
Administrative and support services	483	422	439	436	428	412	419
Performing arts, spectator sports and museums	198	194	201	202	197	189	179
Nonferrous metals	193	161	174	175	177	173	170
Real estate	189	169	179	181	180	176	179

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

Table 2 Alaska Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,057	4,631	4,877	4,918	4,896	4,771	4,784
Indirect Defense Purchases Resulting from Direct Purchases	1,595	1,392	1,458	1,444	1,427	1,378	1,396
Induced Defense Purchases Resulting from Direct Pay	773	734	743	739	740	741	742
Total Nondefense Expenditures	157,426	162,350	166,534	171,555	177,008	182,559	187,633
Total Output	166,173	170,268	174,823	179,874	185,287	190,649	195,779
General government industry	2,193	2,104	2,135	2,131	2,138	2,142	2,151
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	688	651	784	862	852	780	723
Telecommunications	380	336	346	341	338	332	345
Administrative and support services	319	240	245	239	235	228	239
Air transportation	270	239	245	240	237	230	240
Home health care services	212	198	210	208	206	207	218
Indirect Defense Purchases Resulting from Direct Purchases							
Administrative and support services	455	396	412	408	400	385	393
Rental and leasing of goods	216	191	200	200	198	193	195
Crude oil extraction	161	141	147	140	140	134	137
Pipeline transportation	153	132	138	135	134	130	132
Natural gas extraction	130	113	118	115	114	109	111

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

Table 3 Arizona Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	12,983	12,176	12,734	12,809	12,881	12,685	12,787
Indirect Defense Purchases Resulting from Direct Purchases	5,093	4,727	5,010	5,071	5,067	4,991	5,047
Induced Defense Purchases Resulting from Direct Pay	1,980	1,881	1,903	1,895	1,900	1,903	1,909
Total Nondefense Expenditures	400,254	412,186	423,560	437,203	452,356	466,927	480,181
Total Output	420,266	430,955	443,193	456,973	472,209	486,520	499,943
General government industry	4,032	3,926	3,963	3,947	3,941	3,932	3,933
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace products and parts	2,717	2,504	2,725	2,709	2,832	2,812	2,883
Professional, scientific and technical services	1,952	1,777	1,900	1,996	1,968	1,908	1,927
Food services and drinking places	563	714	722	712	714	721	726
Fabricated metal products	404	344	359	374	376	365	356
Other transportation equipment	284	214	221	214	198	171	146
Indirect Defense Purchases Resulting from Direct Purchases							
Insurance	609	482	505	496	486	472	486
Professional, scientific and technical services	590	533	576	601	606	597	611
Food services and drinking places	523	672	701	705	708	712	709
Real estate	487	442	458	462	462	458	468
Administrative and support services	298	270	286	292	293	293	298

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

Table 4 Arkansas Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,992	2,735	2,803	2,795	2,788	2,756	2,784
Indirect Defense Purchases Resulting from Direct Purchases	1,706	1,491	1,579	1,585	1,576	1,543	1,549
Induced Defense Purchases Resulting from Direct Pay	982	931	940	934	934	934	934
Total Nondefense Expenditures	188,786	194,450	200,011	206,445	213,576	220,455	226,802
Total Output	194,479	199,612	205,339	211,765	218,881	225,692	232,074
General government industry	1,687	1,640	1,657	1,652	1,651	1,649	1,650
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Air transportation	291	249	256	251	247	239	250
Fabricated metal products	182	155	162	169	170	166	162
Waste management and remediation	178	108	107	104	102	98	103
Wholesale trade	151	137	147	142	142	140	148
Retail trade	73	68	71	70	70	70	74
Indirect Defense Purchases Resulting from Direct Purchases							
Fabricated metal products	147	131	140	141	140	136	134
Nonferrous metals	124	103	112	113	114	111	109
Truck transportation	105	92	96	95	94	91	91
Real estate	103	89	91	90	90	89	93
Wholesale trade	100	89	94	95	94	92	93

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

Table 5 California Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	58,586	54,052	56,718	57,133	56,843	55,860	55,995
Indirect Defense Purchases Resulting from Direct Purchases	27,354	24,412	25,884	26,105	25,900	25,261	25,397
Induced Defense Purchases Resulting from Direct Pay	11,552	10,967	11,092	11,040	11,068	11,080	11,105
Total Nondefense Expenditures	2,925,197	3,015,482	3,105,633	3,211,039	3,328,044	3,441,108	3,545,777
Total Output	3,022,604	3,104,865	3,199,256	3,305,300	3,421,886	3,533,281	3,638,276
General government industry	13,934	13,443	13,764	13,847	13,974	14,058	14,087
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	13,507	12,370	13,030	13,331	12,923	12,365	12,166
Aerospace products and parts	9,036	8,320	8,923	8,885	9,038	8,845	8,906
Printing	2,135	2,068	2,224	2,296	2,255	2,210	2,171
Search, detection and navigation equipment	1,793	1,699	1,787	1,855	1,881	1,863	1,872
Electric utilities	1,452	1,331	1,408	1,423	1,394	1,355	1,336
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	4,083	3,708	3,950	4,015	3,979	3,867	3,856
Wholesale trade	1,603	1,416	1,504	1,515	1,510	1,477	1,480
Administrative and support services	1,368	1,198	1,249	1,243	1,222	1,181	1,202
Telecommunications	1,224	1,095	1,159	1,169	1,166	1,144	1,172
Banks, credit cards and finance	1,151	1,025	1,085	1,093	1,090	1,068	1,081

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

Table 6 Colorado Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	12,500	11,596	12,045	12,137	12,030	11,763	11,840
Indirect Defense Purchases Resulting from Direct Purchases	4,306	3,793	3,998	4,009	3,984	3,890	3,944
Induced Defense Purchases Resulting from Direct Pay	2,265	2,152	2,177	2,166	2,171	2,174	2,180
Total Nondefense Expenditures	450,682	463,104	474,777	488,923	504,894	520,446	534,547
Total Output	470,219	481,048	493,413	507,645	523,480	538,660	552,898
General government industry	4,817	4,673	4,723	4,707	4,705	4,699	4,705
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	1,961	1,737	1,832	1,871	1,831	1,762	1,774
Telecommunications	1,172	1,034	1,071	1,058	1,048	1,026	1,064
Postal service and federal government enterprises	716	680	703	731	707	676	698
Communications and audio-video equipment	545	535	579	602	592	568	555
Computer systems design and related services	530	487	523	532	520	494	490
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	593	521	555	564	564	551	562
Administrative and support services	449	389	404	401	393	380	388
Telecommunications	370	331	350	353	353	346	354
Real estate	316	274	281	277	276	275	287
Wholesale trade	204	180	191	193	192	188	188

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

Table 7 Connecticut Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	10,705	10,046	10,688	10,650	10,674	10,960	10,980
Indirect Defense Purchases Resulting from Direct Purchases	3,673	3,361	3,555	3,542	3,542	3,484	3,473
Induced Defense Purchases Resulting from Direct Pay	1,067	1,012	1,022	1,018	1,021	1,021	1,023
Total Nondefense Expenditures	370,864	381,698	392,492	405,641	420,307	434,284	447,669
Total Output	386,316	396,118	407,758	420,854	435,547	449,751	463,147
General government industry	1,171	1,130	1,145	1,142	1,144	1,144	1,147
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	3,172	2,934	3,102	3,206	3,117	2,995	2,955
Aerospace products and parts	2,272	2,097	2,291	2,281	2,400	2,394	2,461
Ship and boat building	1,994	1,993	2,203	2,158	2,125	2,563	2,560
Electric utilities	427	400	372	267	280	288	262
Transportation support, sightseeing, couriers	238	212	227	236	239	230	227
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	959	880	940	965	960	937	937
Electric utilities	290	279	265	196	204	209	190
Aerospace products and parts	272	265	295	308	309	301	300
Fabricated metal products	242	215	230	232	230	224	220
Management of companies and enterprises	221	197	209	211	211	206	207

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

Table 8 Delaware Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	900	844	864	866	864	855	858
Indirect Defense Purchases Resulting from Direct Purchases	818	730	771	774	770	754	761
Induced Defense Purchases Resulting from Direct Pay	410	389	392	390	391	391	391
Total Nondefense Expenditures	110,076	112,943	116,017	119,703	123,868	127,746	131,469
Total Output	112,208	114,910	118,048	121,736	125,897	129,749	133,482
General government industry	610	592	599	598	598	598	599
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	50	44	51	55	54	50	48
Other chemicals	27	24	25	26	27	26	27
Electric utilities	22	18	18	18	17	17	18
Natural gas distribution	19	16	16	16	16	15	16
Professional, scientific and technical services	19	17	18	19	18	17	16
Indirect Defense Purchases Resulting from Direct Purchases							
Banks, credit cards and finance	237	211	224	226	225	220	223
Management of companies and enterprises	89	79	84	85	85	83	83
Other chemicals	57	51	54	55	54	53	53
Royalties	42	38	41	41	41	41	41
Petroleum and coal products	39	34	35	35	34	33	33

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

Table 9 District of Columbia Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,253	7,230	7,501	7,435	7,368	7,221	7,360
Indirect Defense Purchases Resulting from Direct Purchases	3,662	3,214	3,353	3,318	3,312	3,260	3,339
Induced Defense Purchases Resulting from Direct Pay	561	532	539	536	537	538	539
Total Nondefense Expenditures	111,478	115,397	118,222	122,067	126,254	130,401	134,044
Total Output	123,972	126,389	129,631	133,371	137,486	141,436	145,297
General government industry	1,473	1,408	1,432	1,432	1,439	1,444	1,451
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	1,856	1,574	1,637	1,633	1,600	1,543	1,583
Computer systems design and related services	792	690	721	711	705	690	722
Hospitals	601	553	593	584	562	550	567
Offices of physicians, dentists, and other health practioners	523	449	473	466	458	454	475
Fabricated metal products	479	408	428	450	453	443	433
Indirect Defense Purchases Resulting from Direct Purchases							
Real estate	1,194	1,049	1,088	1,084	1,078	1,066	1,101
Professional, scientific and technical services	561	472	496	492	493	483	502
Administrative and support services	440	388	405	405	401	390	397
Legal services	415	369	391	394	396	392	405
Computer systems design and related services	143	127	134	136	136	135	139

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

Table 10 Florida Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	26,360	24,395	25,243	25,311	25,266	24,916	25,081
Indirect Defense Purchases Resulting from Direct Purchases	9,250	8,256	8,720	8,771	8,700	8,486	8,548
Induced Defense Purchases Resulting from Direct Pay	5,908	5,610	5,674	5,646	5,659	5,666	5,680
Total Nondefense Expenditures	1,178,588	1,211,716	1,244,291	1,283,416	1,326,796	1,368,789	1,407,726
Total Output	1,220,166	1,250,031	1,283,982	1,323,176	1,366,457	1,407,887	1,447,067
General government industry	10,844	10,600	10,734	10,725	10,730	10,720	10,710
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	2,818	2,503	2,624	2,649	2,572	2,458	2,444
Aerospace products and parts	1,354	1,245	1,343	1,335	1,373	1,350	1,373
Search, detection and navigation equipment	1,264	1,201	1,267	1,313	1,318	1,298	1,294
Water transportation	872	805	810	777	765	751	765
Administrative and support services	831	648	665	653	638	614	634
Indirect Defense Purchases Resulting from Direct Purchases							
Administrative and support services	1,185	1,072	1,118	1,115	1,086	1,040	1,041
Professional, scientific and technical services	852	750	795	798	792	769	775
Wholesale trade	749	662	703	708	706	690	692
Legal services	581	518	542	546	539	524	528
Telecommunications	546	489	517	522	521	511	523

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

Table 11 Georgia Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	17,495	16,164	16,751	16,762	16,788	16,553	16,705
Indirect Defense Purchases Resulting from Direct Purchases	9,685	8,524	9,008	9,039	8,989	8,785	8,901
Induced Defense Purchases Resulting from Direct Pay	4,445	4,220	4,267	4,244	4,250	4,253	4,261
Total Nondefense Expenditures	726,099	747,430	767,514	791,451	818,173	844,116	868,073
Total Output	757,782	776,387	797,590	821,546	848,253	873,757	897,988
General government industry	8,583	8,289	8,410	8,402	8,426	8,437	8,456
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	1,231	1,073	1,143	1,183	1,171	1,136	1,166
Aerospace products and parts	1,203	1,109	1,213	1,206	1,273	1,271	1,312
Truck transportation	941	866	875	846	843	839	859
Real estate	879	744	755	746	726	689	687
Administrative and support services	507	381	389	381	376	365	384
Indirect Defense Purchases Resulting from Direct Purchases							
Real estate	2,704	2,397	2,515	2,524	2,510	2,465	2,523
Administrative and support services	723	630	655	650	639	618	631
Wholesale trade	495	437	464	467	466	456	456
Telecommunications	448	401	424	428	427	419	429
Automotive repair and maintenance	395	343	379	381	376	356	335

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

Table 12 Hawaii Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,296	6,596	6,805	6,770	6,692	6,579	6,596
Indirect Defense Purchases Resulting from Direct Purchases	1,277	1,112	1,162	1,158	1,144	1,113	1,130
Induced Defense Purchases Resulting from Direct Pay	1,391	1,321	1,337	1,330	1,332	1,334	1,337
Total Nondefense Expenditures	91,596	94,335	96,355	99,033	102,076	105,136	107,879
Total Output	101,586	103,386	105,681	108,312	111,264	114,180	116,962
General government industry	3,549	3,388	3,468	3,483	3,516	3,540	3,557
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Truck transportation	877	718	701	649	573	515	484
New construction	381	340	393	422	417	386	367
Professional, scientific and technical services	330	297	316	320	310	294	288
Administrative and support services	261	196	200	195	192	186	196
Computer systems design and related services	225	199	208	206	202	197	201
Indirect Defense Purchases Resulting from Direct Purchases							
Administrative and support services	372	323	336	333	327	316	322
Real estate	107	93	96	94	94	93	97
Professional, scientific and technical services	100	89	96	96	96	92	91
Waste management and remediation	60	48	51	51	50	49	50
Transportation support, sightseeing, couriers	51	46	48	47	47	46	47

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

Table 13 Idaho Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,103	1,048	1,083	1,090	1,087	1,071	1,069
Indirect Defense Purchases Resulting from Direct Purchases	616	556	592	601	600	587	591
Induced Defense Purchases Resulting from Direct Pay	430	409	413	411	412	413	414
Total Nondefense Expenditures	90,670	93,544	96,466	99,758	103,368	106,810	109,934
Total Output	92,830	95,564	98,563	101,869	105,475	108,888	112,015
General government industry	740	719	729	728	729	729	729
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	71	65	78	85	84	77	72
Professional, scientific and technical services	45	41	40	38	36	33	31
Printing	41	37	38	37	37	37	38
Ophthalmic goods	39	37	39	39	39	39	41
Maintenance and repair construction	23	24	30	34	33	29	25
Indirect Defense Purchases Resulting from Direct Purchases							
Semiconductors and other electronic components	107	102	111	116	117	116	118
Wholesale trade	43	38	41	41	41	40	40
Truck transportation	28	25	26	25	25	24	24
Management of companies and enterprises	28	25	26	26	26	26	26
Communications and audio-video equipment	26	24	25	25	25	25	26

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

Table 14 Illinois Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	10,309	9,639	9,911	9,884	9,860	9,723	9,799
Indirect Defense Purchases Resulting from Direct Purchases	8,515	7,501	7,937	7,960	7,913	7,749	7,789
Induced Defense Purchases Resulting from Direct Pay	3,694	3,504	3,540	3,520	3,526	3,525	3,529
Total Nondefense Expenditures	1,163,747	1,196,384	1,231,169	1,271,722	1,316,387	1,359,254	1,399,494
Total Output	1,186,307	1,217,063	1,252,593	1,293,122	1,337,722	1,380,285	1,420,644
General government industry	5,144	4,966	5,012	4,987	4,982	4,975	4,988
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	615	527	549	548	535	514	522
Fabricated metal products	410	349	362	370	365	349	339
Computer systems design and related services	371	325	340	336	329	321	331
Wholesale trade	306	281	300	291	292	287	302
Air transportation	261	307	311	306	306	306	309
Indirect Defense Purchases Resulting from Direct Purchases							
Fabricated metal products	806	715	766	772	765	746	731
Wholesale trade	698	617	655	660	658	643	644
Management of companies and enterprices	516	461	489	493	492	482	485
Banks, credit cards and finance	450	401	424	428	426	418	423
Telecommunications	368	329	348	352	351	344	352

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

Table 15 Indiana Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,247	6,907	7,252	7,251	7,219	6,957	6,801
Indirect Defense Purchases Resulting from Direct Purchases	5,328	4,639	4,943	4,971	4,949	4,845	4,831
Induced Defense Purchases Resulting from Direct Pay	1,945	1,842	1,859	1,849	1,851	1,848	1,848
Total Nondefense Expenditures	575,728	594,437	613,018	634,771	659,053	682,423	704,090
Total Output	591,291	607,858	627,109	648,876	673,109	696,104	717,600
General government industry	2,493	2,424	2,427	2,401	2,383	2,368	2,370
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Motor vehicles	1,396	854	955	958	957	880	768
Motor vehicle parts	1,049	666	757	751	730	642	546
Professional, scientific and technical services	571	501	528	541	531	514	522
Communications and audio-video equipment	488	486	531	562	577	550	551
Truck transportation	424	391	394	381	380	378	387
Indirect Defense Purchases Resulting from Direct Purchases							
Nonferrous metals	665	555	599	605	611	595	585
Iron and steel	539	457	491	491	486	481	469
Fabricated metal products	466	413	443	446	442	431	422
Administrative and support services	355	317	332	334	332	325	331
Other chemicals	346	308	329	331	327	325	325

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

Table 16 Iowa Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,208	2,072	2,149	2,165	2,174	2,142	2,152
Indirect Defense Purchases Resulting from Direct Purchases	1,722	1,534	1,630	1,639	1,632	1,604	1,609
Induced Defense Purchases Resulting from Direct Pay	788	747	754	748	748	746	746
Total Nondefense Expenditures	242,976	250,467	258,354	267,417	277,356	286,959	295,977
Total Output	247,692	254,819	262,885	271,969	281,909	291,451	300,484
General government industry	708	687	696	695	696	696	697
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Truck transportation	344	317	320	310	309	307	314
Search, detection and navigation equipment	224	211	221	230	235	234	236
Professional, scientific and technical services	197	183	192	195	188	179	173
Communications and audio-video equipment	160	160	174	184	189	180	180
Aerospace products and parts	120	110	121	120	127	127	131
Indirect Defense Purchases Resulting from Direct Purchases							
Fabricated metal products	133	118	127	128	127	123	121
Wholesale trade	115	101	107	108	108	106	106
Truck transportation	97	85	89	88	87	84	84
Banks, credit cards and finance	80	71	75	76	76	74	75
Other chemicals	77	68	73	73	73	72	72

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

Table 17 Kansas Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,358	4,992	5,221	5,222	5,221	5,114	5,132
Indirect Defense Purchases Resulting from Direct Purchases	2,211	1,969	2,083	2,092	2,080	2,036	2,062
Induced Defense Purchases Resulting from Direct Pay	1,152	1,094	1,106	1,100	1,101	1,102	1,104
Total Nondefense Expenditures	216,314	222,652	228,961	236,331	244,568	252,461	259,882
Total Output	225,143	230,785	237,455	244,823	253,050	260,781	268,239
General government industry	2,339	2,260	2,287	2,279	2,281	2,280	2,285
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace products and parts	889	818	877	873	887	867	873
Truck transportation	410	378	381	369	368	366	374
Ophthalmic goods	243	229	243	240	240	242	256
New construction	227	223	273	304	301	274	251
Professional, scientific and technical services	182	162	171	173	167	159	158
Indirect Defense Purchases Resulting from Direct Purchases							
Real estate	314	272	279	275	274	273	285
Aerospace products and parts	278	271	302	314	316	308	307
Telecommunications	162	144	153	154	154	151	155
Administrative and support services	139	124	130	132	132	130	133
Wholesale trade	116	103	109	110	109	107	107

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

Table 18 Kentucky Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,541	6,909	7,150	7,175	7,190	7,109	7,189
Indirect Defense Purchases Resulting from Direct Purchases	3,687	3,143	3,333	3,335	3,309	3,230	3,254
Induced Defense Purchases Resulting from Direct Pay	1,999	1,895	1,915	1,903	1,905	1,905	1,906
Total Nondefense Expenditures	311,564	321,062	330,053	340,784	352,870	364,497	375,161
Total Output	324,818	333,033	342,475	353,222	365,298	376,764	387,533
General government industry	3,918	3,763	3,824	3,822	3,838	3,848	3,862
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Transportation support, sightseeing, couriers	622	543	584	595	611	600	624
Fabricated metal products	392	329	344	357	360	350	345
Air transportation	330	297	304	298	294	287	298
Insurance	321	297	304	298	292	289	300
New construction	288	266	314	342	338	310	291
Indirect Defense Purchases Resulting from Direct Purchases							
Insurance	731	570	598	588	575	558	575
Administrative and support services	269	234	243	241	237	228	233
Nonferrous metals	212	177	191	193	195	190	187
Transportation support, sightseeing, couriers	206	185	192	190	189	185	190
Iron and steel	172	146	157	157	155	154	150

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

Table 19 Louisiana Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	6,427	5,819	6,077	6,058	5,992	6,007	5,974
Indirect Defense Purchases Resulting from Direct Purchases	4,479	3,930	4,116	4,084	4,042	3,929	3,969
Induced Defense Purchases Resulting from Direct Pay	1,658	1,572	1,588	1,577	1,575	1,572	1,571
Total Nondefense Expenditures	412,637	424,133	435,249	448,256	462,998	476,983	489,664
Total Output	425,241	435,490	447,067	460,010	474,512	488,519	501,204
General government industry	2,776	2,684	2,715	2,706	2,708	2,707	2,712
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ship and boat building	716	719	797	781	770	935	935
Water transportation	692	573	571	543	519	495	498
New construction	283	256	298	322	318	293	278
Waste management and remediation	237	144	143	138	136	131	138
Professional, scientific and technical services	215	184	196	199	196	187	190
Indirect Defense Purchases Resulting from Direct Purchases							
Petroleum and coal products	1,346	1,188	1,228	1,207	1,186	1,145	1,152
Administrative and support services	288	250	259	256	252	242	248
Crude oil extraction	284	249	259	248	247	237	241
Natural gas extraction	230	199	208	203	201	193	196
Other chemicals	214	191	204	205	203	201	201

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

Table 20 Maine Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,720	3,528	3,685	3,637	3,588	3,834	3,840
Indirect Defense Purchases Resulting from Direct Purchases	607	547	580	584	579	564	567
Induced Defense Purchases Resulting from Direct Pay	559	530	537	534	535	536	537
Total Nondefense Expenditures	116,006	118,539	121,126	124,119	127,479	130,697	133,705
Total Output	120,924	123,168	125,952	128,896	132,202	135,649	138,665
General government industry	1,574	1,532	1,528	1,508	1,492	1,479	1,480
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ship and boat building	1,416	1,398	1,531	1,499	1,467	1,739	1,729
Other ambulatory health care services	298	222	229	225	223	223	235
Fabricated metal products	96	82	85	89	90	88	86
Professional, scientific and technical services	91	83	89	92	91	88	89
New construction	30	25	28	29	29	27	27
Indirect Defense Purchases Resulting from Direct Purchases							
Paper	56	49	51	51	50	48	48
Aerospace products and parts	52	51	57	59	59	58	58
Wholesale trade	45	40	42	42	42	41	41
Other ambulatory health care services	34	26	27	26	26	26	27
Banks, credit cards and finance	28	25	27	27	27	26	27

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

Table 21 Maryland Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	20,832	18,615	19,344	19,392	19,207	18,754	19,006
Indirect Defense Purchases Resulting from Direct Purchases	7,314	6,408	6,731	6,747	6,689	6,523	6,633
Induced Defense Purchases Resulting from Direct Pay	2,259	2,145	2,169	2,158	2,162	2,165	2,170
Total Nondefense Expenditures	436,823	450,897	462,380	476,893	493,265	509,441	523,692
Total Output	467,230	478,072	490,632	505,201	521,336	536,895	551,515
General government industry	4,736	4,589	4,648	4,640	4,647	4,647	4,654
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	5,637	4,966	5,247	5,375	5,277	5,092	5,160
Truck transportation	1,216	1,072	1,069	1,018	975	941	939
Administrative and support services	899	678	695	682	674	655	687
Telecommunications	799	711	734	726	718	702	724
Computer systems design and related services	739	646	682	676	667	646	669
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	1,704	1,489	1,591	1,619	1,625	1,592	1,635
Administrative and support services	1,282	1,121	1,170	1,165	1,147	1,109	1,129
Real estate	744	648	666	659	656	653	679
Information and data processing	405	357	366	357	340	315	312
Legal services	248	222	232	236	230	222	218

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

Table 22 Massachusetts Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	14,685	13,438	14,035	14,168	14,015	13,649	13,645
Indirect Defense Purchases Resulting from Direct Purchases	6,346	5,757	6,128	6,222	6,199	6,077	6,080
Induced Defense Purchases Resulting from Direct Pay	1,649	1,565	1,582	1,576	1,582	1,584	1,589
Total Nondefense Expenditures	641,638	661,129	680,275	702,996	728,444	752,978	775,728
Total Output	664,336	681,907	702,040	724,983	750,265	774,311	797,063
General government industry	1,943	1,890	1,894	1,876	1,863	1,852	1,854
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	6,212	5,761	6,046	6,171	5,953	5,684	5,538
Aerospace products and parts	1,140	1,050	1,147	1,139	1,198	1,193	1,229
Search, detection and navigation equipment	840	780	816	841	856	848	861
Water transportation	483	370	370	354	341	326	334
Communications and audio-video equipment	344	338	366	383	391	373	376
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	1,878	1,727	1,833	1,858	1,833	1,778	1,756
Other repair and maintenance, personal services	489	454	487	503	508	504	500
Wholesale trade	346	306	325	327	326	319	320
Fabricated metal products	312	277	297	299	296	289	283
Semiconductors and other electronic components	307	292	318	332	337	333	340

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

Table 23 Michigan Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,493	6,477	6,660	6,580	6,428	6,092	5,877
Indirect Defense Purchases Resulting from Direct Purchases	5,209	4,526	4,821	4,851	4,829	4,718	4,702
Induced Defense Purchases Resulting from Direct Pay	2,460	2,323	2,340	2,326	2,330	2,322	2,320
Total Nondefense Expenditures	848,139	872,162	898,829	930,719	966,580	1,000,619	1,032,239
Total Output	863,335	885,515	912,679	944,503	980,194	1,013,774	1,045,161
General government industry	2,377	2,318	2,316	2,288	2,267	2,248	2,249
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Other transportation equipment	2,335	1,646	1,716	1,662	1,542	1,285	1,032
Professional, scientific and technical services	549	496	528	549	540	522	526
Truck transportation	345	317	321	310	309	307	315
Electric utilities	171	137	140	137	135	131	136
Fabricated metal products	137	109	114	113	113	108	109
Indirect Defense Purchases Resulting from Direct Purchases							
Fabricated metal products	588	522	559	564	559	544	534
Motor vehicle parts	574	442	478	478	473	453	435
Wholesale trade	404	357	379	382	381	373	373
Management of companies and enterprises	349	312	331	334	333	326	328
Nonferrous metals	224	187	202	203	205	200	197

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

Table 24 Minnesota Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,707	3,433	3,560	3,553	3,542	3,483	3,530
Indirect Defense Purchases Resulting from Direct Purchases	3,397	3,029	3,212	3,232	3,213	3,142	3,153
Induced Defense Purchases Resulting from Direct Pay	1,234	1,171	1,183	1,177	1,180	1,180	1,182
Total Nondefense Expenditures	464,078	477,844	492,169	508,877	527,344	544,943	561,354
Total Output	472,466	485,513	500,162	516,875	535,315	552,778	569,246
General government industry	1,053	1,023	1,034	1,031	1,030	1,029	1,030
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Wholesale trade	509	467	500	489	492	484	508
Fabricated metal products	480	410	426	441	439	424	411
Retail trade	315	293	310	306	305	306	324
Professional, scientific and technical services	224	206	217	224	217	208	204
Communications and audio-video equipment	211	188	196	189	186	178	187
Indirect Defense Purchases Resulting from Direct Purchases							
Management of companies and enterprises	327	292	310	312	312	305	307
Fabricated metal products	306	271	291	293	290	283	277
Wholesale trade	284	251	266	268	267	262	262
Banks, credit cards and finance	214	190	202	203	203	198	201
Petroleum and coal products	167	147	152	149	147	142	142

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

Table 25 Mississippi Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	7,157	6,793	7,147	7,152	7,055	7,235	7,167
Indirect Defense Purchases Resulting from Direct Purchases	2,294	2,025	2,130	2,133	2,117	2,072	2,097
Induced Defense Purchases Resulting from Direct Pay	1,198	1,137	1,150	1,144	1,146	1,147	1,149
Total Nondefense Expenditures	187,098	192,070	196,729	202,284	208,590	214,695	220,292
Total Output	197,780	202,051	207,184	212,739	218,933	225,171	230,727
General government industry	2,873	2,785	2,804	2,786	2,777	2,769	2,773
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Ship and boat building	2,170	2,088	2,245	2,192	2,121	2,414	2,380
Professional, scientific and technical services	442	414	444	461	447	422	408
New construction	362	377	478	543	537	485	434
Real estate	182	151	150	146	142	136	139
Administrative and support services	144	112	114	113	110	107	111
Indirect Defense Purchases Resulting from Direct Purchases							
Real estate	561	487	499	492	490	488	509
Administrative and support services	205	184	192	192	188	181	182
Rental and leasing of goods	190	167	176	175	174	169	171
Professional, scientific and technical services	133	124	135	139	138	132	129
Wholesale trade	74	65	69	70	70	68	68

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

Table 26 Missouri Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	13,209	12,248	12,823	12,881	12,930	12,702	12,759
Indirect Defense Purchases Resulting from Direct Purchases	4,201	3,748	3,975	4,005	3,976	3,885	3,888
Induced Defense Purchases Resulting from Direct Pay	2,019	1,915	1,936	1,924	1,927	1,926	1,928
Total Nondefense Expenditures	452,289	465,658	478,685	494,283	511,710	528,580	544,206
Total Output	471,689	483,557	497,405	513,086	530,544	547,101	562,794
General government industry	3,454	3,343	3,378	3,364	3,363	3,359	3,365
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace products and parts	2,759	2,545	2,774	2,760	2,894	2,880	2,955
Professional, scientific and technical services	2,743	2,548	2,668	2,715	2,613	2,491	2,418
Search, detection and navigation equipment	958	908	953	992	1,012	1,007	1,016
Fabricated metal products	771	654	685	717	723	706	691
New construction	307	275	294	305	307	299	298
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	829	764	809	818	805	779	766
Management of companies and enterprises	285	254	270	272	272	266	268
Wholesale trade	246	217	231	232	232	227	227
Fabricated metal products	223	197	212	213	211	206	202
Aerospace products and parts	176	172	191	199	200	195	195

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

Table 27 Montana Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	970	916	953	962	961	948	947
Indirect Defense Purchases Resulting from Direct Purchases	460	414	436	439	435	426	427
Induced Defense Purchases Resulting from Direct Pay	283	269	272	270	271	271	271
Total Nondefense Expenditures	55,633	57,125	58,573	60,311	62,274	64,165	65,900
Total Output	57,349	58,726	60,236	61,985	63,944	65,812	67,548
General government industry	587	569	577	576	577	578	579
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Truck transportation	59	54	55	53	53	53	54
New construction	53	55	69	78	77	69	62
Professional, scientific and technical services	40	38	40	42	41	39	38
Administrative and support services	33	30	33	36	38	42	43
Information and data processing	24	21	21	21	20	19	19
Indirect Defense Purchases Resulting from Direct Purchases							
Information and data processing	73	64	64	61	55	48	46
Administrative and support services	47	50	55	61	65	70	71
Petroleum and coal products	29	26	27	26	26	25	25
Wholesale trade	28	25	27	27	27	26	26
Truck transportation	19	16	17	17	17	16	16

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

Table 28 Nebraska Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,432	2,271	2,338	2,331	2,323	2,295	2,323
Indirect Defense Purchases Resulting from Direct Purchases	990	876	925	927	922	904	914
Induced Defense Purchases Resulting from Direct Pay	741	703	710	706	706	706	707
Total Nondefense Expenditures	150,000	154,103	158,246	163,104	168,517	173,733	178,628
Total Output	154,177	157,964	162,232	167,080	172,480	177,650	182,583
General government industry	1,463	1,416	1,431	1,425	1,424	1,422	1,425
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Computer systems design and related services	240	207	216	212	209	205	214
Retail trade	164	152	161	159	159	159	168
Professional, scientific and technical services	147	123	128	128	126	122	126
Wholesale trade	96	87	93	90	90	88	93
New construction	54	51	63	69	68	62	58
Indirect Defense Purchases Resulting from Direct Purchases							
Truck transportation	87	76	79	78	77	75	75
Rail transportation	82	73	77	78	78	76	77
Wholesale trade	76	67	71	72	72	70	70
Fabricated metal products	53	47	50	51	50	49	48
Professional, scientific and technical services	45	37	39	39	39	38	40

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

Table 29 Nevada Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	3,187	2,962	3,033	3,019	2,999	2,954	2,971
Indirect Defense Purchases Resulting from Direct Purchases	1,276	1,129	1,193	1,198	1,193	1,169	1,181
Induced Defense Purchases Resulting from Direct Pay	839	797	806	802	804	805	807
Total Nondefense Expenditures	186,980	191,848	196,674	202,536	209,069	215,258	220,948
Total Output	192,287	196,741	201,710	207,559	214,069	220,191	225,912
General government industry	1,540	1,503	1,523	1,522	1,524	1,524	1,523
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Accommodation	493	459	466	458	455	451	462
Professional, scientific and technical services	191	164	170	169	164	157	159
New construction	147	124	139	145	143	134	131
Warehousing and storage	115	98	95	88	78	70	66
Administrative and support services	91	72	76	77	78	79	83
Indirect Defense Purchases Resulting from Direct Purchases							
Accommodation	152	134	141	140	140	137	138
Administrative and support services	129	119	127	131	133	134	136
Banks, credit cards and finance	125	112	118	119	119	116	118
Management of companies and enterprises	95	85	90	91	91	89	89
Wholesale trade	73	64	68	69	69	67	67

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

Table 30 New Hampshire Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,860	1,733	1,799	1,820	1,824	1,790	1,801
Indirect Defense Purchases Resulting from Direct Purchases	748	666	707	713	709	694	697
Induced Defense Purchases Resulting from Direct Pay	365	347	351	349	351	351	352
Total Nondefense Expenditures	105,740	108,908	112,102	115,849	119,983	123,988	127,680
Total Output	108,706	111,647	114,953	118,725	122,862	126,818	130,525
General government industry	512	502	506	504	503	502	501
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	319	282	295	297	289	278	278
Search, detection and navigation equipment	314	295	310	322	329	328	332
Fabricated metal products	129	107	112	116	117	113	112
Aerospace products and parts	117	106	114	112	114	111	115
Communications and audio-video equipment	80	79	87	92	94	90	90
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	96	84	89	90	89	87	88
Fabricated metal products	81	72	77	77	77	75	73
Wholesale trade	62	55	58	59	59	57	57
Semiconductors and other electronic components	46	44	48	50	51	50	51
Banks, credit cards and finance	40	35	37	38	38	37	37

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

Table 31 New Jersey Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	9,706	8,802	9,193	9,301	9,221	8,997	9,093
Indirect Defense Purchases Resulting from Direct Purchases	6,757	6,003	6,354	6,401	6,364	6,225	6,272
Induced Defense Purchases Resulting from Direct Pay	2,149	2,041	2,064	2,055	2,060	2,061	2,064
Total Nondefense Expenditures	810,167	833,613	857,867	886,223	917,759	948,367	976,869
Total Output	828,754	850,442	875,459	903,961	935,386	965,634	994,282
General government industry	1,419	1,375	1,395	1,394	1,398	1,400	1,402
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	3,058	2,785	2,958	3,076	3,015	2,909	2,914
Search, detection and navigation equipment	603	568	596	619	633	630	639
Air transportation	507	467	478	470	464	454	470
Water transportation	453	377	380	366	361	354	365
Wholesale trade	431	392	419	405	406	399	421
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	924	835	897	926	928	910	924
Wholesale trade	631	557	592	596	594	581	582
Other chemicals	461	411	438	441	436	433	432
Rental and leasing of goods	353	313	330	330	326	316	318
Telecommunications	341	305	323	326	325	319	327

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

Table 32 New Mexico Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,405	4,093	4,193	4,185	4,141	4,066	4,073
Indirect Defense Purchases Resulting from Direct Purchases	1,578	1,404	1,479	1,480	1,467	1,425	1,439
Induced Defense Purchases Resulting from Direct Pay	908	863	873	869	871	873	875
Total Nondefense Expenditures	150,523	154,746	158,699	163,253	168,323	173,183	177,487
Total Output	157,437	161,124	165,263	169,808	174,822	179,566	183,894
General government industry	2,402	2,331	2,346	2,330	2,322	2,314	2,317
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	821	749	782	791	762	727	711
Administrative and support services	171	128	131	128	126	122	128
New construction	146	133	148	156	157	150	146
Nursing and residential care facilities	63	59	63	62	62	63	66
Computer systems design and related services	56	49	51	50	50	48	50
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	248	224	237	238	235	227	225
Administrative and support services	243	212	220	218	214	206	210
Semiconductors and other electronic components	156	148	161	169	171	169	173
Crude oil extraction	112	98	102	97	97	93	95
Natural gas extraction	90	78	82	80	79	76	77

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

Table 33 New York Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	14,443	13,310	13,770	13,871	13,773	13,462	13,510
Indirect Defense Purchases Resulting from Direct Purchases	11,513	10,216	10,779	10,838	10,776	10,548	10,640
Induced Defense Purchases Resulting from Direct Pay	5,182	4,913	4,962	4,939	4,956	4,957	4,969
Total Nondefense Expenditures	1,796,956	1,844,438	1,895,226	1,955,479	2,022,889	2,087,325	2,148,954
Total Output	1,828,078	1,872,873	1,924,733	1,985,129	2,052,402	2,116,303	2,178,088
General government industry	4,107	3,965	4,006	3,988	3,987	3,983	3,993
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	2,598	2,389	2,531	2,618	2,552	2,453	2,431
Aerospace products and parts	1,327	1,231	1,299	1,297	1,284	1,239	1,223
Air transportation	852	795	813	798	789	773	799
Search, detection and navigation equipment	770	728	765	795	809	804	810
Communications and audio-video equipment	456	449	487	511	522	498	501
Indirect Defense Purchases Resulting from Direct Purchases							
Telecommunications	1,147	1,027	1,086	1,096	1,094	1,073	1,099
Management of companies and enterprises	1,020	912	968	976	974	954	959
Banks, credit cards and finance	903	804	851	858	855	838	849
Wholesale trade	894	789	838	844	842	823	825
Securities, investments, funds and trusts	850	741	758	757	745	723	724

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

Table 34 North Carolina Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	15,911	14,836	15,034	14,906	14,806	14,573	14,594
Indirect Defense Purchases Resulting from Direct Purchases	5,702	5,023	5,326	5,353	5,324	5,210	5,246
Induced Defense Purchases Resulting from Direct Pay	5,362	5,088	5,143	5,112	5,117	5,118	5,124
Total Nondefense Expenditures	727,817	749,152	770,378	794,658	821,517	847,432	871,490
Total Output	754,876	774,166	795,950	820,097	846,831	872,395	896,514
General government industry	9,957	9,579	9,746	9,752	9,801	9,831	9,863
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	1,819	1,676	1,573	1,484	1,355	1,170	1,058
Food services and drinking places	320	251	255	249	246	240	250
Professional, scientific and technical services	282	251	267	272	264	251	247
Administrative and support services	256	194	199	196	194	190	200
Truck transportation	220	203	205	198	198	197	201
Indirect Defense Purchases Resulting from Direct Purchases							
Banks, credit cards and finance	491	438	463	467	466	456	462
Administrative and support services	364	320	334	334	330	322	329
Other chemicals	350	312	333	335	331	329	328
Wholesale trade	341	301	320	322	321	314	315
Food services and drinking places	296	236	248	247	244	236	244

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

Table 35 North Dakota Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,168	1,089	1,131	1,136	1,136	1,120	1,124
Indirect Defense Purchases Resulting from Direct Purchases	356	315	332	331	329	321	324
Induced Defense Purchases Resulting from Direct Pay	341	323	327	325	325	325	326
Total Nondefense Expenditures	50,537	51,966	53,353	55,012	56,852	58,640	60,287
Total Output	52,410	53,700	55,149	56,811	58,649	60,412	62,067
General government industry	771	739	751	751	755	757	760
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
New construction	113	102	120	129	128	118	111
Telecommunications	64	56	58	57	56	55	58
Maintenance and repair construction	35	31	34	36	35	32	31
Natural gas distribution	22	18	18	18	18	17	18
Electric utilities	16	13	13	12	12	12	12
Indirect Defense Purchases Resulting from Direct Purchases							
Natural gas distribution	35	30	32	32	32	31	31
Wholesale trade	34	30	32	32	32	31	31
Administrative and support services	20	17	18	18	18	17	18
Truck transportation	18	16	16	16	16	16	16
Banks, credit cards and finance	16	14	15	15	15	15	15

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

Table 36 Ohio Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	11,114	9,913	10,327	10,303	10,230	9,968	9,992
Indirect Defense Purchases Resulting from Direct Purchases	8,375	7,354	7,826	7,875	7,835	7,656	7,656
Induced Defense Purchases Resulting from Direct Pay	2,933	2,778	2,803	2,787	2,791	2,786	2,786
Total Nondefense Expenditures	936,697	965,345	994,896	1,029,768	1,068,663	1,105,905	1,140,507
Total Output	959,183	985,447	1,015,915	1,050,792	1,089,581	1,126,371	1,160,993
General government industry	3,309	3,219	3,240	3,220	3,209	3,198	3,200
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	2,148	1,918	2,017	2,060	2,011	1,936	1,942
Aerospace products and parts	935	861	921	918	929	907	909
Wholesale trade	745	680	727	706	709	696	734
Motor vehicles	627	384	429	430	430	396	346
Retail trade	447	414	439	433	432	432	458
Indirect Defense Purchases Resulting from Direct Purchases							
Fabricated metal products	878	779	835	842	834	813	797
Professional, scientific and technical services	649	575	612	620	619	605	615
Nonferrous metals	602	503	543	548	553	539	530
Iron and steel	488	414	444	445	441	435	424
Wholesale trade	477	422	448	451	450	440	441

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

Table 37 Oklahoma Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	5,811	5,305	5,469	5,452	5,454	5,393	5,474
Indirect Defense Purchases Resulting from Direct Purchases	2,662	2,324	2,443	2,433	2,415	2,357	2,388
Induced Defense Purchases Resulting from Direct Pay	1,421	1,349	1,364	1,357	1,359	1,360	1,363
Total Nondefense Expenditures	235,421	242,389	248,833	256,646	265,325	273,660	281,144
Total Output	245,333	251,383	258,126	265,905	274,570	282,786	290,385
General government industry	3,058	2,953	2,997	2,994	3,003	3,007	3,014
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	399	347	369	379	374	361	368
Offices of physicians, dentists, and other health practioners	302	258	271	267	264	264	278
New construction	296	242	262	268	265	251	251
Telecommunications	244	216	222	219	217	213	222
Administrative and support services	227	170	173	169	167	162	170
Indirect Defense Purchases Resulting from Direct Purchases							
Administrative and support services	323	281	292	289	284	274	279
Crude oil extraction	166	146	152	145	145	139	141
Real estate	162	140	144	142	141	141	147
Fabricated metal products	145	128	138	139	138	134	131
Natural gas extraction	135	117	122	119	118	113	115

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

Table 38 Oregon Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	2,150	1,964	2,002	1,989	1,975	1,951	1,952
Indirect Defense Purchases Resulting from Direct Purchases	2,403	2,154	2,301	2,337	2,333	2,282	2,293
Induced Defense Purchases Resulting from Direct Pay	884	840	851	848	851	853	856
Total Nondefense Expenditures	287,499	297,444	307,608	318,875	331,159	342,817	353,330
Total Output	292,973	302,428	312,787	324,077	336,346	347,924	358,452
General government industry	1,225	1,200	1,205	1,196	1,189	1,183	1,181
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Waste management and remediation	183	111	110	107	105	101	106
Motor vehicles	109	68	75	75	75	69	61
Printing	103	92	94	93	93	93	95
Communications and audio-video equipment	48	47	51	53	53	51	50
Professional, scientific and technical services	46	42	44	45	43	41	39
Indirect Defense Purchases Resulting from Direct Purchases							
Semiconductors and other electronic components	459	436	475	497	503	498	508
Wholesale trade	166	147	156	157	156	153	153
Communications and audio-video equipment	113	101	107	107	109	108	110
Management of companies and enterprises	100	89	95	96	95	93	94
Fabricated metal products	99	88	94	95	94	92	90

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

Table 39 Pennsylvania Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	15,546	14,010	14,506	14,414	14,229	13,787	13,674
Indirect Defense Purchases Resulting from Direct Purchases	8,495	7,535	7,989	8,012	7,963	7,785	7,777
Induced Defense Purchases Resulting from Direct Pay	2,910	2,762	2,793	2,778	2,783	2,784	2,787
Total Nondefense Expenditures	1,005,970	1,035,345	1,065,537	1,100,722	1,139,766	1,177,548	1,212,739
Total Output	1,032,945	1,059,674	1,090,848	1,125,905	1,164,733	1,201,908	1,236,991
General government industry	3,398	3,316	3,327	3,300	3,280	3,262	3,262
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	3,280	3,005	3,147	3,198	3,088	2,951	2,892
Other transportation equipment	1,300	897	940	911	847	700	552
Truck transportation	1,231	1,128	1,137	1,098	1,089	1,080	1,102
Aerospace products and parts	1,094	1,009	1,096	1,092	1,138	1,129	1,153
Rail transportation	681	622	625	600	587	576	583
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	991	901	954	963	951	923	917
Nonferrous metals	566	473	510	515	520	506	499
Fabricated metal products	564	500	536	540	536	522	512
Wholesale trade	509	450	478	481	480	469	470
Other chemicals	478	426	455	458	452	449	449

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

Table 40 Rhode Island Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,869	1,760	1,791	1,780	1,769	1,745	1,755
Indirect Defense Purchases Resulting from Direct Purchases	553	489	520	524	521	509	512
Induced Defense Purchases Resulting from Direct Pay	447	424	429	427	428	428	429
Total Nondefense Expenditures	102,189	104,555	107,032	109,923	113,109	116,188	119,092
Total Output	105,069	107,237	109,781	112,663	115,837	118,879	121,797
General government industry	1,171	1,137	1,136	1,123	1,113	1,105	1,107
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Search, detection and navigation equipment	177	169	178	185	185	182	181
Professional, scientific and technical services	162	137	142	141	139	134	137
Truck transportation	67	61	62	60	60	59	61
Aerospace products and parts	45	42	46	46	48	48	50
New construction	38	33	39	42	41	38	36
Indirect Defense Purchases Resulting from Direct Purchases							
Banks, credit cards and finance	72	64	68	69	68	67	68
Fabricated metal products	51	45	49	49	49	47	46
Professional, scientific and technical services	49	41	43	43	43	42	44
Wholesale trade	39	35	37	37	37	36	36
Management of companies and enterprises	32	29	31	31	31	30	30

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

Table 41 South Carolina Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	8,201	7,525	7,709	7,680	7,666	7,584	7,638
Indirect Defense Purchases Resulting from Direct Purchases	3,866	3,389	3,558	3,557	3,536	3,476	3,531
Induced Defense Purchases Resulting from Direct Pay	2,171	2,061	2,084	2,074	2,078	2,080	2,085
Total Nondefense Expenditures	291,392	300,149	308,424	318,215	329,044	339,461	348,991
Total Output	305,646	313,141	321,792	331,543	342,343	352,617	362,261
General government industry	4,843	4,684	4,750	4,745	4,756	4,760	4,769
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	603	499	519	514	506	489	509
Real estate	379	325	325	320	312	302	304
Warehousing and storage	366	338	343	330	329	326	334
Administrative and support services	254	189	193	188	186	180	189
Fabricated metal products	236	199	208	217	218	213	209
Indirect Defense Purchases Resulting from Direct Purchases							
Real estate	1,165	1,046	1,082	1,082	1,079	1,079	1,114
Administrative and support services	361	313	325	322	316	304	311
Fabricated metal products	210	186	200	201	199	194	190
Professional, scientific and technical services	182	150	157	155	156	153	161
Wholesale trade	139	123	131	132	131	128	129

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

Table 42 South Dakota Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,163	1,098	1,156	1,166	1,166	1,150	1,158
Indirect Defense Purchases Resulting from Direct Purchases	387	343	364	365	363	356	360
Induced Defense Purchases Resulting from Direct Pay	332	314	318	316	317	317	317
Total Nondefense Expenditures	59,304	61,051	62,730	64,728	66,946	69,088	71,101
Total Output	61,189	62,811	64,571	66,579	68,795	70,914	72,939
General government industry	587	567	576	575	578	579	580
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Dairy products, meat and seafood	295	278	295	291	290	292	309
Maintenance and repair construction	45	48	62	70	69	59	51
New construction	41	41	51	57	57	51	47
Motor vehicles	20	13	14	14	14	13	11
Aerospace products and parts	18	16	18	18	19	19	19
Indirect Defense Purchases Resulting from Direct Purchases							
Banks, credit cards and finance	84	75	79	80	80	78	79
Wholesale trade	30	26	28	28	28	28	28
Animal production	22	20	21	21	21	21	22
Truck transportation	20	17	18	18	18	17	17
Telecommunications	18	16	17	17	17	17	17

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

Table 43 Tennessee Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	9,283	8,304	8,522	8,447	8,339	8,133	8,279
Indirect Defense Purchases Resulting from Direct Purchases	3,743	3,324	3,530	3,553	3,529	3,446	3,443
Induced Defense Purchases Resulting from Direct Pay	1,828	1,733	1,751	1,742	1,745	1,744	1,746
Total Nondefense Expenditures	465,976	480,147	494,976	512,104	531,040	549,180	566,093
Total Output	480,864	493,532	508,806	525,871	544,678	562,525	579,582
General government industry	2,264	2,221	2,236	2,225	2,216	2,206	2,203
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Air transportation	4,319	3,675	3,774	3,704	3,644	3,528	3,689
Professional, scientific and technical services	900	840	878	890	854	812	783
Truck transportation	307	283	286	276	276	274	281
Fabricated metal products	201	170	178	185	186	181	177
Other chemicals	138	123	128	135	138	136	138
Indirect Defense Purchases Resulting from Direct Purchases							
Transportation support, sightseeing, couriers	341	306	318	315	312	307	314
Fabricated metal products	320	283	304	306	303	296	290
Professional, scientific and technical services	272	252	266	268	263	254	248
Wholesale trade	272	240	255	257	256	251	251
Truck transportation	209	183	191	189	186	182	181

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

Table 44 Texas Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	41,705	38,116	39,874	39,902	39,857	39,045	39,111
Indirect Defense Purchases Resulting from Direct Purchases	20,348	17,995	18,954	18,933	18,810	18,377	18,576
Induced Defense Purchases Resulting from Direct Pay	8,094	7,684	7,769	7,728	7,739	7,742	7,754
Total Nondefense Expenditures	1,893,060	1,952,061	2,009,827	2,077,896	2,153,643	2,226,211	2,292,076
Total Output	1,963,275	2,015,914	2,076,484	2,144,522	2,220,115	2,291,435	2,357,575
General government industry	11,683	11,322	11,549	11,592	11,665	11,708	11,721
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Aerospace products and parts	12,046	11,084	11,802	11,760	11,800	11,458	11,427
Professional, scientific and technical services	3,986	3,640	3,821	3,892	3,767	3,602	3,543
Motor vehicles	1,042	638	712	714	713	657	575
Truck transportation	894	823	831	804	801	797	816
Search, detection and navigation equipment	877	829	870	905	926	923	933
Indirect Defense Purchases Resulting from Direct Purchases							
Petroleum and coal products	1,917	1,692	1,749	1,719	1,689	1,631	1,640
Professional, scientific and technical services	1,205	1,091	1,158	1,172	1,160	1,127	1,123
Administrative and support services	1,146	1,015	1,061	1,063	1,053	1,028	1,047
Wholesale trade	1,134	1,002	1,064	1,071	1,068	1,045	1,046
Crude oil extraction	1,122	984	1,024	978	975	937	953

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

Table 45 Utah Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	6,292	5,811	5,970	6,022	5,982	5,879	5,953
Indirect Defense Purchases Resulting from Direct Purchases	2,102	1,842	1,958	1,986	1,982	1,940	1,969
Induced Defense Purchases Resulting from Direct Pay	1,147	1,089	1,101	1,096	1,098	1,099	1,102
Total Nondefense Expenditures	230,768	236,028	241,068	247,031	253,837	260,396	266,391
Total Output	240,352	244,804	250,135	256,170	262,934	269,348	275,446
General government industry	3,364	3,264	3,258	3,215	3,185	3,160	3,165
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	1,469	1,335	1,446	1,547	1,541	1,504	1,539
Waste management and remediation	230	141	141	137	135	130	137
Communications and audio-video equipment	144	140	151	157	157	151	150
Administrative and support services	138	103	106	103	102	99	104
Other chemicals	116	103	106	111	111	109	109
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	444	400	438	466	474	470	488
Administrative and support services	197	171	178	176	173	167	171
Waste management and remediation	112	88	91	90	88	86	87
Banks, credit cards and finance	105	94	99	100	99	97	99
Nonferrous metals	84	70	76	76	77	75	74

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

Table 46 Vermont Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,069	976	1,013	1,035	1,033	1,006	1,004
Indirect Defense Purchases Resulting from Direct Purchases	312	280	299	304	303	297	300
Induced Defense Purchases Resulting from Direct Pay	152	144	146	145	146	146	147
Total Nondefense Expenditures	43,175	44,552	45,867	47,390	49,092	50,746	52,255
Total Output	44,712	45,954	47,329	48,877	50,577	52,198	53,707
General government industry	206	201	203	202	202	201	201
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Fabricated metal products	311	267	277	286	283	272	263
Professional, scientific and technical services	158	146	157	167	165	160	162
Communications and audio-video equipment	94	94	102	109	112	106	107
Electromedical and electrotherapeutic apparatusw	61	78	77	79	79	80	80
Apparel	41	23	23	21	21	19	20
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	48	44	48	50	51	50	51
Semiconductors and other electronic components	28	27	29	30	31	30	31
Wholesale trade	21	19	20	20	20	20	20
Fabricated metal products	21	19	20	20	20	19	19
Telecommunications	18	17	17	18	18	17	18

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

Table 47 Virginia Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	62,224	56,087	58,515	58,487	57,996	57,121	58,004
Indirect Defense Purchases Resulting from Direct Purchases	15,524	13,845	14,802	15,031	14,965	14,544	14,641
Induced Defense Purchases Resulting from Direct Pay	6,336	6,015	6,082	6,048	6,055	6,062	6,073
Total Nondefense Expenditures	576,490	600,889	616,463	637,917	662,640	687,536	708,396
Total Output	660,632	676,911	695,940	717,566	741,739	765,344	787,193
General government industry	13,702	13,244	13,520	13,574	13,668	13,727	13,751
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	12,514	10,916	11,465	11,617	11,371	10,943	11,080
Computer systems design and related services	6,905	6,024	6,322	6,246	6,182	6,023	6,273
Telecommunications	4,988	4,429	4,570	4,514	4,483	4,406	4,572
Air transportation	3,824	3,277	3,365	3,303	3,251	3,150	3,291
New construction	2,000	1,933	2,306	2,537	2,520	2,327	2,165
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	3,783	3,272	3,476	3,499	3,501	3,422	3,512
Administrative and support services	1,749	1,578	1,672	1,699	1,692	1,661	1,679
Legal services	1,385	1,253	1,317	1,333	1,315	1,275	1,269
Real estate	1,314	1,308	1,535	1,660	1,648	1,521	1,425
Computer systems design and related services	1,244	1,109	1,176	1,193	1,195	1,177	1,203

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

Table 48 Washington Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	12,365	11,508	11,913	11,917	11,893	11,763	11,812
Indirect Defense Purchases Resulting from Direct Purchases	4,790	4,277	4,524	4,552	4,518	4,410	4,442
Induced Defense Purchases Resulting from Direct Pay	3,052	2,898	2,931	2,917	2,922	2,926	2,933
Total Nondefense Expenditures	517,916	532,884	547,660	565,216	584,894	603,795	621,450
Total Output	538,299	551,683	567,152	584,717	604,343	622,976	640,707
General government industry	6,188	5,986	6,076	6,074	6,093	6,101	6,112
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	1,689	1,566	1,634	1,652	1,585	1,506	1,455
Aerospace products and parts	890	822	898	894	941	939	966
New construction	478	412	467	493	487	454	439
Other ambulatory health care services	350	261	269	264	263	262	276
Administrative and support services	274	212	217	214	210	204	213
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	511	469	496	498	488	471	461
Aerospace products and parts	446	434	483	504	506	493	492
Administrative and support services	391	350	366	365	358	346	349
Wholesale trade	299	264	281	282	282	276	276
Publishing, except software	247	211	219	217	214	208	211

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

Table 49 West Virginia Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	1,120	1,072	1,123	1,140	1,130	1,098	1,081
Indirect Defense Purchases Resulting from Direct Purchases	899	789	837	840	834	815	817
Induced Defense Purchases Resulting from Direct Pay	368	350	354	352	353	353	354
Total Nondefense Expenditures	101,332	104,167	107,074	110,459	114,301	117,986	121,382
Total Output	103,728	106,384	109,395	112,797	116,624	120,257	123,639
General government industry	645	627	632	629	628	626	627
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	103	94	99	100	96	91	89
Electric utilities	50	40	41	40	39	38	40
Maintenance and repair construction	50	57	75	87	85	72	60
Computer systems design and related services	40	36	38	38	38	37	38
New construction	40	43	56	65	64	58	51
Indirect Defense Purchases Resulting from Direct Purchases							
Legal services	80	70	75	75	76	76	79
Coal mining	66	56	59	58	57	56	57
Nonferrous metals	56	47	50	51	51	50	49
Other chemicals	47	42	45	45	45	44	44
Iron and steel	45	38	41	41	41	40	39

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

Table 50 Wisconsin Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	4,071	3,380	3,538	3,527	3,508	3,394	3,338
Indirect Defense Purchases Resulting from Direct Purchases	3,831	3,383	3,590	3,610	3,587	3,510	3,517
Induced Defense Purchases Resulting from Direct Pay	1,165	1,105	1,116	1,109	1,111	1,110	1,110
Total Nondefense Expenditures	437,663	451,468	465,434	481,678	499,511	516,693	532,715
Total Output	446,778	459,369	473,714	489,957	507,749	524,732	540,704
General government industry	977	952	960	956	954	951	951
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Motor vehicles	1,037	674	739	735	721	658	576
Fabricated metal products	286	242	254	265	267	261	255
Wholesale trade	285	259	276	267	267	262	277
Engine, turbine and power transmission equipment	249	169	178	179	184	178	178
Retail trade	173	161	170	168	168	168	178
Indirect Defense Purchases Resulting from Direct Purchases							
Fabricated metal products	487	432	463	467	463	451	442
Paper	232	204	212	211	207	200	200
Wholesale trade	221	195	207	208	208	203	204
Management of companies and enterprises	182	163	173	175	174	171	172
Truck transportation	173	151	158	156	154	150	150

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

Table 51 Wyoming Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	634	592	609	609	609	604	607
Indirect Defense Purchases Resulting from Direct Purchases	469	410	432	428	426	414	418
Induced Defense Purchases Resulting from Direct Pay	206	196	198	197	197	198	198
Total Nondefense Expenditures	49,968	51,334	52,639	54,193	55,986	57,662	59,121
Total Output	51,279	52,535	53,880	55,430	57,221	58,881	60,346
General government industry	450	435	441	440	441	442	443
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Electric utilities	24	20	20	20	19	19	19
New construction	19	18	21	23	23	21	20
Computer systems design and related services	16	14	14	14	14	14	14
Accommodation	16	15	15	15	15	15	15
Natural gas distribution	16	13	13	13	13	12	13
Indirect Defense Purchases Resulting from Direct Purchases							
Crude oil extraction	67	59	61	58	58	56	57
Natural gas extraction	54	47	49	48	47	45	46
Coal mining	46	39	41	40	40	39	39
Rail transportation	28	25	27	27	27	26	26
Natural gas distribution	25	22	23	23	23	22	22

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

Table 52 Entire United States Summary

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
AGGREGATE MEASURES							
Total Direct Expenditures (Purchases and Pay)	525,117	480,147	499,277	499,848	497,123	488,868	491,238
Indirect Defense Purchases Resulting from Direct Purchases	240,985	213,538	225,974	227,104	225,698	220,497	222,032
Induced Defense Purchases Resulting from Direct Pay	106,527	101,086	102,187	101,658	101,842	101,895	102,075
Total Nondefense Expenditures	24,530,125	25,260,565	25,980,387	26,832,792	27,782,537	28,698,063	29,543,604
Total Output	25,402,755	26,055,336	26,807,824	27,661,403	28,607,201	29,509,323	30,358,950
General government industry	172,655	167,193	169,448	169,195	169,498	169,569	169,838
LARGEST PURCHASES BY INDUSTRIAL SECTORS							
Total Direct Expenditures (Purchases and Pay)							
Professional, scientific and technical services	83,457	75,215	79,193	80,901	78,747	75,564	75,175
Aerospace products and parts	40,749	37,529	40,385	40,193	41,150	40,407	40,876
Computer systems design and related services	14,965	13,118	13,783	13,651	13,476	13,094	13,558
Air transportation	14,259	13,263	13,562	13,329	13,172	12,890	13,325
New construction	13,157	12,141	13,868	14,833	14,568	13,376	12,546
Indirect Defense Purchases Resulting from Direct Purchases							
Professional, scientific and technical services	25,228	22,546	24,008	24,363	24,245	23,631	23,828
Administrative and support services	14,928	13,211	13,817	13,828	13,644	13,257	13,463
Real estate	13,155	11,774	12,432	12,551	12,483	12,226	12,443
Wholesale trade	12,924	11,415	12,125	12,207	12,172	11,908	11,927
Fabricated metal products	10,335	9,164	9,827	9,902	9,815	9,567	9,378

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

APPENDIX A

MAPPING FROM INDUSTRIES TO INDUSTRIAL SECTORS, WITH NAICS CODES

Mapping From Industries to Industrial Sectors, with NAICS Codes

Ind #	National	NAICS Classification	Sec #	State Level
	Industry Title (from ILLAID model)	Classification Code(s)		Industrial Sector Title (from LIFT model)
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 (from ILLAID model)	Classification Code(s)	Sec #	Industrial Sector Title (from LIFT model)
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 (from ILLAID model)	Classification Code(s)	Sec #	Industrial Sector Title (from LIFT model)
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, except 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 foundries	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 (from ILLAID model)	Classification Code(s)	Sec #	Industrial Sector Title (from LIFT model)
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 (from ILLAID model)	Classification Code(s)	Sec #	Industrial Sector Title (from LIFT model)
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 (from ILLAID model)	Classification Code(s)	Sec #	Industrial Sector Title (from LIFT model)
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 (from ILLAID model)	Classification Code(s)	Sec #	Industrial Sector Title (from LIFT model)
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

1 Oilseed farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	42	40	41	41	42	40	41
Indirect Purchases	60	55	58	58	59	59	61
Total:	102	94	99	100	100	100	102

2 Grain farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	162	152	163	167	171	177	186
Total:	162	153	164	167	172	178	187

3 Vegetable and melon farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	47	42	43	42	42	41	42
Total:	47	42	43	42	42	41	42

4 Fruit and nut farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	1	1	1	1	1
Indirect Purchases	32	28	30	29	29	27	28
Total:	34	30	32	30	30	29	30

5 Greenhouse, nursery, and floriculture production

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	168	147	154	153	151	146	150
Total:	170	149	155	154	152	148	152

6 Tobacco farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0

7 Cotton farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	54	47	50	49	49	47	48
Total:	54	47	50	49	49	47	48

8 Sugarcane and sugar beet farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	9	8	8	8	8	8	8
Total:	9	8	8	8	8	8	8

9 All other crop farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	83	78	84	86	87	89	93
Total:	84	79	85	86	88	90	94

10 Cattle ranching and dairy farming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	10	10	10	10	10	11
Indirect Purchases	720	667	702	695	692	692	724
Total:	730	677	713	705	703	702	735

11 Poultry and egg production

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	23	22	23	23	23	23	24
Indirect Purchases	70	62	64	63	63	62	64
Total:	93	84	87	86	86	85	88

12 Animal production, except cattle and poultry and eggs

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	44	66	87	115	143	184	201
Indirect Purchases	266	250	266	268	270	273	286
Total:	310	316	353	382	413	457	487

13 Forestry and logging

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	692	609	661	680	678	652	642
Total:	693	610	662	681	679	653	643

14 Fishing, hunting and trapping

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	85	75	77	77	76	74	76
Total:	86	76	78	78	77	75	77

15 Agriculture and forestry support activities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	48	40	41	40	40	39	40
Indirect Purchases	219	196	210	214	214	209	211
Total:	267	236	251	254	254	248	251

16 Crude oil and natural gas extraction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	87	76	89	69	71	54	59
Indirect Purchases	5,838	5,117	5,350	5,129	5,074	4,823	4,882
Total:	5,926	5,193	5,439	5,197	5,146	4,877	4,941

17 Reserved (for natural gas)

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	2,324	2,015	2,104	2,054	2,032	1,952	1,980
Total:	2,324	2,015	2,104	2,054	2,032	1,952	1,980

18 Coal mining

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5	4	5	4	4	4	4
Indirect Purchases	750	642	671	658	654	641	642
Total:	755	646	675	663	658	646	646

Note: Numbers may not add due to rounding

19 Iron ore mining(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	89	75	81	81	80	79	77
Total:	89	75	81	81	80	79	77

20 Copper, nickel, lead, and zinc mining(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	90	77	84	84	85	84	84
Total:	90	77	84	84	85	84	84

21 Gold, silver, and other metal ore mining(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	4	4	4	3	3	3
Indirect Purchases	53	45	48	49	48	46	45
Total:	57	49	52	52	51	49	48

Note: Numbers may not add due to rounding

22 Stone mining and quarrying

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14	11	13	12	13	12	13
Indirect Purchases	111	96	103	105	104	100	100
Total:	125	108	116	117	117	113	113

23 Sand, gravel, clay and refractory mining

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	2	3	2	3	2	2
Indirect Purchases	85	75	81	83	82	78	77
Total:	88	77	84	85	84	80	80

24 Other nonmetallic mineral mining

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	0	0	0	0	0	0
Indirect Purchases	94	85	92	93	92	91	91
Total:	95	85	92	93	93	92	92

Note: Numbers may not add due to rounding

25 Oil and gas drilling and support activities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	2	2	2	2	2	2
Indirect Purchases	109	95	100	96	96	92	93
Total:	112	97	102	98	98	94	96

26 Support activities for other mining

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6	6	6	6	5	5	5
Indirect Purchases	18	16	17	17	16	16	16
Total:	24	21	22	22	22	21	22

27 Electric Utilities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7,178	6,056	6,165	5,894	5,843	5,707	5,753
Indirect Purchases	4,938	4,283	4,452	4,390	4,335	4,217	4,229
Total:	12,115	10,339	10,617	10,284	10,178	9,925	9,983

Note: Numbers may not add due to rounding

28 Natural gas distribution

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	856	705	719	707	698	678	702
Indirect Purchases	1,343	1,177	1,243	1,246	1,235	1,206	1,211
Total:	2,199	1,883	1,962	1,953	1,933	1,884	1,913

29 Water, sewage and other systems

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,002	814	832	820	811	791	817
Indirect Purchases	384	335	352	352	349	340	345
Total:	1,386	1,149	1,184	1,172	1,160	1,131	1,162

30 New residential construction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	376	321	372	410	419	429	435
Total:	376	321	372	410	419	429	435

31 New non-residential building construction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10,988	10,340	11,862	12,714	12,435	11,266	10,409
Total:	10,988	10,340	11,862	12,714	12,435	11,266	10,409

32 Highway, street, bridge, and tunnel construction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	571	464	493	498	494	479	496
Total:	571	464	493	498	494	479	496

33 Water, sewer, and pipeline construction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	261	227	251	265	268	268	275
Total:	261	227	251	265	268	268	275

34 Other new construction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	960	788	890	947	952	933	931
Total:	960	788	890	947	952	933	931

35 Maintenance and repair of residential structures

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	424	348	366	366	363	354	369
Indirect Purchases	107	93	98	99	98	95	97
Total:	530	442	464	465	461	449	465

36 Maintenance and repair of nonresidential buildings

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,591	3,487	3,949	4,187	4,053	3,587	3,251
Indirect Purchases	1,829	1,606	1,676	1,665	1,641	1,594	1,600
Total:	5,420	5,092	5,625	5,852	5,694	5,180	4,851

Note: Numbers may not add due to rounding

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	767	623	655	654	650	630	656
Indirect Purchases	487	422	439	434	431	422	431
Total:	1,253	1,045	1,094	1,088	1,081	1,052	1,087

38 Dog and cat food

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	1	1	1	1	1	1	1
Total:	1	1	1	1	1	1	1

39 Other animal food

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	139	134	145	150	156	164	172
Total:	139	134	145	150	156	164	172

Note: Numbers may not add due to rounding

40 Flour and rice milling, and malt(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	25	22	23	23	23	23	24
Total:	25	22	23	23	23	23	24

41 Wet corn milling(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	28	25	26	26	25	25	25
Total:	28	25	26	26	25	25	25

42 Soybean and other oilseed processing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	70	64	69	70	71	72	75
Total:	70	64	69	70	71	72	75

43 Fats and oils refining and blending(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	26	23	24	24	24	24	24
Total:	27	24	25	25	25	25	25

44 Breakfast cereals(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	5	5	5	5	5	5	5
Total:	5	5	5	5	5	5	5

45 Sugar manufacturing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	21	19	20	20	20	19	20
Total:	21	19	20	20	20	19	20

46 Confectioneries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	2	1	1	1	1
Indirect Purchases	28	25	26	26	25	25	25
Total:	30	26	27	27	27	26	26

47 Frozen food

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	40	35	36	36	36	35	36
Total:	42	37	38	38	38	37	38

48 Fruit and vegetable canning and drying

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	39	33	41	28	30	19	22
Indirect Purchases	61	54	56	55	55	54	55
Total:	100	87	97	83	85	73	77

Note: Numbers may not add due to rounding

49 Dairy products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	73	69	73	72	72	72	76
Indirect Purchases	228	202	209	207	205	201	207
Total:	302	271	282	279	277	273	283

50 Meat products, except poultry

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	817	769	816	807	805	811	857
Indirect Purchases	389	359	375	371	370	367	380
Total:	1,206	1,128	1,191	1,179	1,175	1,177	1,237

51 Poultry processing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	103	91	94	93	92	91	93
Total:	103	91	94	93	92	91	93

52 Seafood product preparation and packaging

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	63	56	57	57	56	55	57
Total:	64	56	58	58	57	56	58

53 Bakery and pasta products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	3	3	2	2	2	2
Indirect Purchases	151	134	138	137	136	133	136
Total:	155	136	141	139	138	135	138

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	16	18	14	14	10	11
Indirect Purchases	252	223	231	228	226	222	228
Total:	272	239	249	242	240	232	239

55 Soft drink and ice manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	31	26	28	27	27	27	29
Indirect Purchases	72	64	66	65	64	63	65
Total:	103	90	93	92	92	90	93

56 Breweries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	42	37	39	38	38	37	38
Total:	42	38	39	38	38	37	38

57 Wineries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	37	34	35	34	34	33	34
Total:	38	34	35	34	34	33	34

Note: Numbers may not add due to rounding

58 Distilleries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	43	39	40	41	41	40	41
Total:	43	39	40	41	41	40	41

59 Tobacco products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	0	0	0	0	0	0	0
Total:	1	1	2	1	1	1	1

60 Fiber, yarn, and thread mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	157	136	142	138	138	133	134
Total:	158	137	143	139	139	133	135

Note: Numbers may not add due to rounding

61 Fabric mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	42	43	46	46	46	44	45
Indirect Purchases	420	375	389	378	378	365	368
Total:	462	418	435	424	424	409	413

62 Textile and fabric finishing mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	58	55	62	57	59	53	55
Indirect Purchases	144	126	131	129	128	122	121
Total:	201	181	193	186	187	175	176

63 Carpet and rug mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8	8	10	11	10	9	8
Indirect Purchases	115	100	105	104	104	100	98
Total:	123	108	115	115	114	109	107

64 Curtain and linen mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	9	8	8	8	7	7
Indirect Purchases	21	18	19	19	19	18	19
Total:	31	27	27	27	26	25	25

65 Other textile and fabric product mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	555	423	443	425	427	400	411
Indirect Purchases	241	198	209	200	201	198	197
Total:	796	621	651	626	628	599	608

66 Hosiery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	16	20	20	20	20	21	21
Indirect Purchases	1	1	1	1	1	1	1
Total:	17	22	22	22	22	22	22

Note: Numbers may not add due to rounding

67 Knit apparel, except hosiery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	26	31	31	31	31	31	32
Total:	26	31	31	31	31	31	32

68 Apparel, cut and sewn

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	799	872	891	866	871	854	868
Indirect Purchases	216	200	207	204	203	198	201
Total:	1,015	1,073	1,098	1,070	1,074	1,053	1,068

69 Accessories and other apparel

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	775	546	540	526	525	513	528
Indirect Purchases	18	14	14	14	14	14	14
Total:	792	560	554	540	538	526	541

Note: Numbers may not add due to rounding

70 Shoes and other leather products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	272	327	332	326	329	324	328
Indirect Purchases	203	182	188	184	183	178	179
Total:	475	508	519	510	512	502	507

71 Sawmills and wood preservation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	720	625	675	692	683	650	632
Total:	721	626	675	693	684	651	633

72 Veneer, plywood, particleboard, and engineered wood products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	3	4	3	3	2	2
Indirect Purchases	306	279	307	320	315	296	286
Total:	309	282	310	322	318	298	288

Note: Numbers may not add due to rounding

73 Millwork(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	326	292	322	334	328	309	297
Total:	327	293	322	335	329	309	297

74 Wood containers and pallets(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	83	77	80	79	78	73	77
Indirect Purchases	122	110	117	117	117	114	116
Total:	206	186	197	196	194	187	193

75 Manufactured homes, mobile homes(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	8	10	11	11	11	11
Total:	9	8	10	11	11	11	11

76 Prefabricated wood buildings

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6	5	6	7	7	7	6
Indirect Purchases	71	66	73	77	76	70	67
Total:	78	71	80	84	82	76	73

77 Miscellaneous wood products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	9	10	10	10	9	8
Indirect Purchases	90	80	87	89	89	85	83
Total:	99	89	97	100	99	94	92

78 Pulp mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	138	122	126	126	123	119	119
Total:	138	122	126	126	123	119	119

79 Paper and paperboard mills

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	1	1	1	1	1
Indirect Purchases	1,675	1,484	1,546	1,543	1,515	1,471	1,471
Total:	1,677	1,485	1,547	1,544	1,516	1,472	1,472

80 Paperboard containers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	4	4	4	4	4	4
Indirect Purchases	713	621	648	644	634	614	615
Total:	720	626	652	648	638	618	619

81 Flexible packaging foil and surface coated paperboard

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	3	3	3	3	3	3
Indirect Purchases	21	18	19	18	18	18	18
Total:	24	21	22	21	21	21	21

Note: Numbers may not add due to rounding

82 Paper bag and coated and treated paper

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	40	37	39	39	39	39	41
Indirect Purchases	357	320	338	340	335	327	327
Total:	396	358	377	379	374	365	368

83 Stationery products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	9	9	9	8	8	8
Indirect Purchases	114	101	106	106	105	103	104
Total:	124	109	115	115	114	111	112

84 Sanitary paper products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	4	4	4	4	4	4
Indirect Purchases	24	22	23	22	22	22	23
Total:	32	26	27	27	26	26	27

Note: Numbers may not add due to rounding

85 All other converted paper products(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	4	4	4	4	4	4
Indirect Purchases	41	36	38	38	38	37	37
Total:	46	40	42	42	42	40	41

86 Printing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,631	3,411	3,600	3,655	3,612	3,570	3,556
Indirect Purchases	1,988	1,686	1,712	1,667	1,608	1,533	1,522
Total:	5,619	5,097	5,312	5,322	5,220	5,103	5,078

87 Support activities for printing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8	7	8	7	7	7	8
Indirect Purchases	234	207	217	218	214	208	209
Total:	242	215	224	225	221	215	216

88 Petroleum refineries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	523	445	553	373	402	256	291
Indirect Purchases	7,351	6,486	6,692	6,565	6,444	6,228	6,269
Total:	7,874	6,931	7,244	6,938	6,847	6,484	6,560

89 Asphalt products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	16	10	10	10	10	9	10
Indirect Purchases	219	196	213	218	215	204	200
Total:	235	206	222	228	225	213	210

90 Lubricating and other petroleum products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	17	19	18	19	17	18
Indirect Purchases	162	141	149	150	148	142	141
Total:	182	159	169	168	167	159	159

91 Petrochemicals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6	3	3	3	3	3	3
Indirect Purchases	843	736	788	793	791	775	780
Total:	848	739	791	796	793	777	783

92 Industrial gas

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14	11	12	10	10	9	9
Indirect Purchases	168	150	160	163	163	161	163
Total:	182	161	173	173	174	169	172

93 Synthetic dyes and pigments

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	2	3	3	3	2	2
Indirect Purchases	160	140	149	149	149	145	145
Total:	163	143	152	152	151	148	148

Note: Numbers may not add due to rounding

94 Other basic inorganic chemicals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	17	14	14	14	13	13	13
Indirect Purchases	658	588	623	631	623	609	608
Total:	675	601	637	644	637	621	621

95 Other basic organic chemicals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	12	8	9	8	8	8	8
Indirect Purchases	1,700	1,497	1,584	1,584	1,561	1,525	1,524
Total:	1,712	1,506	1,593	1,592	1,570	1,533	1,532

96 Plastics material and resins

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	11	9	9	9	9	9	9
Indirect Purchases	1,301	1,131	1,203	1,205	1,201	1,170	1,168
Total:	1,312	1,140	1,212	1,214	1,210	1,179	1,177

97 Synthetic rubber(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	163	135	146	145	145	140	138
Total:	166	137	148	147	147	142	139

98 Cellulosic organic fibers(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	17	15	15	15	15	15	15
Total:	17	15	15	15	15	15	15

99 Noncellulosic organic fibers(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	0
Indirect Purchases	198	168	177	172	172	165	167
Total:	199	169	177	173	173	166	167

100 Fertilizers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	260	233	250	254	252	244	246
Total:	261	233	250	254	253	244	246

101 Pesticide and other agricultural chemicals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	3	3	3	3	2	2
Indirect Purchases	84	75	80	80	80	79	82
Total:	87	78	82	82	83	81	84

102 Pharmaceuticals and medicines

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	538	452	463	459	460	457	475
Indirect Purchases	326	278	291	289	288	288	302
Total:	864	731	755	747	748	745	777

Note: Numbers may not add due to rounding

103 Paints and coatings(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	18	20	21	23	26	27
Indirect Purchases	500	434	468	470	469	464	457
Total:	519	452	488	492	492	490	484

104 Adhesives(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8	7	7	7	6	6	5
Indirect Purchases	387	363	392	390	382	411	408
Total:	396	370	399	397	388	416	413

105 Soaps and cleaners(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	3	3	3	3	3	3
Indirect Purchases	502	472	507	501	491	530	531
Total:	506	476	510	504	494	533	534

Note: Numbers may not add due to rounding

106 Toiletries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	6	5	6	6	5	6	6
Total:	6	6	6	6	6	6	6

107 Printing ink

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	181	162	170	171	168	164	164
Total:	182	163	171	171	168	164	164

108 Explosives

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	455	408	420	444	453	447	454
Indirect Purchases	205	180	184	194	191	186	184
Total:	660	588	604	638	643	632	638

Note: Numbers may not add due to rounding

109 Custom compounding of purchased resins

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	4	4	4	3	3	3
Indirect Purchases	323	292	314	321	324	317	319
Total:	327	295	317	325	327	320	322

110 Photographic films and chemicals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	6	6	6	5	5	5
Indirect Purchases	186	163	173	176	174	171	173
Total:	192	169	179	181	179	176	178

111 Other miscellaneous chemical products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	269	226	236	246	245	237	239
Indirect Purchases	254	225	239	243	241	236	236
Total:	523	451	475	489	486	473	475

Note: Numbers may not add due to rounding

112 Plastics packaging materials, film, and sheet

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	18	19	19	18	18	19
Indirect Purchases	526	462	486	481	478	463	465
Total:	546	480	505	500	496	482	484

113 Plastics pipe, fittings, and profile shapes

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	12	10	11	11	11	11	11
Indirect Purchases	269	235	251	252	251	242	241
Total:	281	245	261	263	262	254	253

114 Laminated plastics plate, sheet, and shapes

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	2	2	2	2	2	2
Indirect Purchases	69	61	64	64	64	63	64
Total:	71	63	67	67	67	66	66

Note: Numbers may not add due to rounding

115 Plastic foam products(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5	4	4	4	4	4	4
Indirect Purchases	215	188	198	195	194	189	191
Total:	221	192	202	200	199	193	195

116 Plastic bottles(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	81	71	75	73	73	73	75
Total:	81	71	75	73	73	73	75

117 Resilient floor coverings(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	47	43	47	49	48	45	43
Total:	48	44	48	50	49	46	44

Note: Numbers may not add due to rounding

118 All other plastics products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	65	48	50	49	49	46	46
Indirect Purchases	1,762	1,545	1,646	1,658	1,648	1,594	1,591
Total:	1,827	1,592	1,697	1,707	1,697	1,640	1,637

119 Tires

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	278	191	218	220	217	195	173
Indirect Purchases	335	270	284	283	281	273	267
Total:	613	462	502	503	499	467	440

120 Rubber and plastics hose and belting

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	5	6	6	6	6	7
Indirect Purchases	79	63	68	68	67	65	63
Total:	86	68	74	74	74	71	70

121 Other rubber products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	33	25	27	27	28	26	24
Indirect Purchases	417	350	379	380	381	375	374
Total:	450	375	406	407	409	401	399

122 Pottery, ceramics, and plumbing fixtures

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	47	44	46	46	46	46	49
Indirect Purchases	42	36	40	40	40	39	38
Total:	89	80	86	86	86	85	87

123 Clay building materials and refractories manufacturin

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	8	9	10	10	10	10
Indirect Purchases	124	112	122	126	124	117	113
Total:	135	120	131	135	134	127	123

124 Glass containers(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	18	16	17	16	16	16	16
Total:	18	16	17	16	16	16	16

125 Glass and glass products, except containers(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	57	40	40	38	38	37	40
Indirect Purchases	948	851	897	907	884	846	826
Total:	1,005	891	937	945	922	883	866

126 Cement(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	115	104	114	118	116	109	105
Total:	116	104	115	119	116	109	106

Note: Numbers may not add due to rounding

127 Ready-mix concrete

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	1	1	1	1	1
Indirect Purchases	184	166	182	189	185	173	168
Total:	186	167	183	190	187	175	169

128 Concrete products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6	5	5	6	6	6	6
Indirect Purchases	229	206	225	232	229	218	214
Total:	235	211	230	237	234	223	220

129 Lime

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	29	25	26	26	26	26	25
Total:	29	25	26	27	26	26	25

Note: Numbers may not add due to rounding

130 Gypsum products(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	1	1	1
Indirect Purchases	64	59	64	67	66	62	60
Total:	66	60	66	69	67	63	61

131 Abrasive products(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	49	40	43	43	41	39	38
Indirect Purchases	272	247	266	265	262	275	272
Total:	321	287	309	308	304	313	311

132 Cut stone and stone products(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	22	21	24	25	25	22	21
Total:	23	21	24	26	25	23	22

Note: Numbers may not add due to rounding

133 Other nonmetallic mineral products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	3	3	3	3	3	3
Indirect Purchases	121	106	114	113	115	114	115
Total:	124	108	117	116	118	117	118

134 Primary ferrous metal products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	132	96	103	98	97	88	84
Indirect Purchases	4,664	3,951	4,227	4,212	4,151	4,092	3,969
Total:	4,796	4,047	4,331	4,310	4,249	4,180	4,054

135 Primary aluminum production

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14	12	13	13	13	12	13
Indirect Purchases	1,350	1,129	1,233	1,252	1,279	1,253	1,239
Total:	1,364	1,141	1,246	1,265	1,291	1,265	1,252

Note: Numbers may not add due to rounding

136 Aluminum products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	30	19	20	19	19	18	18
Indirect Purchases	2,029	1,644	1,775	1,782	1,807	1,758	1,721
Total:	2,059	1,664	1,795	1,801	1,825	1,776	1,739

137 Primary copper

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	383	328	348	355	353	337	328
Total:	383	328	348	355	353	337	328

138 Nonferrous metal products, except copper and aluminum

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	410	359	387	393	394	387	385
Total:	411	359	387	393	395	388	386

Note: Numbers may not add due to rounding

139 Copper products(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5	5	7	7	8	8	9
Indirect Purchases	1,041	885	927	945	927	866	823
Total:	1,046	890	934	952	935	875	832

140 Nonferrous metal processing except copper and aluminum(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	8	8	8	9	9	8
Indirect Purchases	568	470	508	491	500	501	510
Total:	578	478	516	499	509	510	517

141 Ferrous metal foundries(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	23	21	22	21	21	20	20
Indirect Purchases	534	440	475	477	478	467	461
Total:	558	461	497	498	499	487	481

Note: Numbers may not add due to rounding

142 Aluminum foundries(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	0	0	0	0	0	0
Indirect Purchases	486	407	436	436	437	422	413
Total:	486	408	436	436	438	422	413

143 Nonferrous foundries, except aluminum(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	152	128	136	136	137	132	129
Total:	153	128	137	137	138	133	130

144 Iron and steel forging(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	36	31	32	30	30	28	28
Indirect Purchases	303	256	274	279	281	272	266
Total:	339	287	306	309	310	300	294

Note: Numbers may not add due to rounding

145 Nonferrous forging(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	7	7	7	7	7	7
Indirect Purchases	223	195	213	214	219	217	220
Total:	232	202	220	221	227	224	227

146 Custom roll and stampings(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	396	372	402	417	418	404	401
Total:	398	373	403	418	419	405	403

147 All other forging and stamping(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8	6	7	6	6	6	6
Indirect Purchases	532	477	513	524	528	514	514
Total:	540	484	519	531	534	520	520

Note: Numbers may not add due to rounding

148 Cutlery and flatware(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	9	9	9	9	9	8
Indirect Purchases	20	17	18	18	18	17	17
Total:	30	26	27	27	27	26	26

149 Hand and edge tools, saws and sawblades(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	109	63	63	61	60	58	60
Indirect Purchases	133	118	125	127	127	124	125
Total:	242	181	188	188	188	182	185

150 Kitchen utensils, pots and pans(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	84	69	72	65	67	68	71
Total:	85	69	72	65	68	69	72

151 Architectural and structural metal products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	178	150	167	172	174	165	161
Indirect Purchases	1,639	1,494	1,635	1,677	1,653	1,609	1,563
Total:	1,817	1,644	1,803	1,849	1,827	1,774	1,725

152 Power boilers and heat exchangers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	359	327	327	330	336	339	297
Indirect Purchases	31	28	31	32	32	31	30
Total:	390	356	358	362	368	370	327

153 Metal tank (heavy gauge) manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	24	20	22	23	23	22	22
Indirect Purchases	24	21	24	25	25	24	23
Total:	48	42	46	48	48	46	45

154 Metal cans, boxes, and other containers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	160	128	135	134	137	130	134
Indirect Purchases	106	93	100	99	99	96	97
Total:	266	221	235	233	236	227	231

155 Hardware, spring, and wire products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	288	282	319	333	355	376	394
Indirect Purchases	555	484	524	535	542	523	520
Total:	843	765	843	868	897	899	914

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	155	132	143	139	144	134	141
Indirect Purchases	3,346	2,857	2,996	2,958	2,882	2,751	2,614
Total:	3,501	2,989	3,140	3,097	3,026	2,884	2,755

157 Metal coating, engraving, heat treating, and allied activities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	48	40	33	33	31	25	23
Indirect Purchases	1,426	1,316	1,416	1,415	1,401	1,436	1,430
Total:	1,475	1,356	1,449	1,448	1,432	1,462	1,453

158 Metal valves

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	267	235	263	269	289	278	291
Indirect Purchases	1,080	978	1,056	1,066	1,073	1,058	1,057
Total:	1,347	1,213	1,319	1,336	1,362	1,336	1,348

159 Ball and roller bearings

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	48	39	44	41	43	39	41
Indirect Purchases	404	361	389	397	403	393	396
Total:	452	400	432	439	446	432	437

Note: Numbers may not add due to rounding

160 Small arms

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,717	1,219	1,311	1,290	1,271	1,179	1,078
Indirect Purchases	53	37	40	39	39	36	33
Total:	1,770	1,256	1,350	1,330	1,310	1,215	1,111

161 Other ordnance and accessories

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	762	663	704	728	733	710	681
Total:	762	663	704	728	733	710	681

162 Other miscellaneous fabricated metal products

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	461	390	429	433	446	436	440
Indirect Purchases	1,248	1,111	1,197	1,241	1,263	1,231	1,239
Total:	1,709	1,500	1,626	1,675	1,709	1,667	1,679

163 Ammunition

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,399	3,885	3,944	4,173	4,111	4,001	3,970
Indirect Purchases	90	76	78	83	81	78	77
Total:	4,489	3,962	4,022	4,256	4,192	4,079	4,047

164 Farm, lawn and garden machinery and equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	8	8	8	7	7	7
Indirect Purchases	47	42	45	45	45	46	47
Total:	57	50	52	53	53	53	55

165 Construction machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	91	77	88	90	92	89	90
Indirect Purchases	180	164	177	175	172	184	185
Total:	271	241	265	265	265	273	275

166 Mining, oil and gas field machinery and equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	12	10	11	9	9	7	7
Indirect Purchases	26	22	23	23	23	22	22
Total:	38	31	34	31	32	29	30

167 Sawmill and woodworking machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	0	0	0	0	0	0	0
Total:	1	1	1	1	1	1	1

168 Plastics and rubber industry machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14	7	7	7	7	6	7
Indirect Purchases	26	22	24	24	24	23	23
Total:	40	30	31	30	30	29	30

169 Paper industry machinery(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	0	0	0	0	0	0
Indirect Purchases	12	10	11	11	11	10	10
Total:	12	11	11	11	11	11	11

170 Textile machinery(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	1	2
Indirect Purchases	8	7	7	7	7	7	7
Total:	9	8	9	9	9	8	8

171 Printing machinery and equipment(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	6	6	6	6	6	6
Indirect Purchases	62	56	59	59	58	57	57
Total:	69	62	65	65	64	63	63

172 Food product machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	6	7	7	6	6	7
Indirect Purchases	5	5	5	5	5	5	5
Total:	13	11	12	11	11	11	11

173 Semiconductor machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	8	8	8	8	7	7
Indirect Purchases	59	56	61	63	64	63	64
Total:	69	64	69	71	72	70	71

174 All other industrial machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	28	21	22	21	21	20	21
Indirect Purchases	21	18	20	20	20	19	19
Total:	49	39	41	41	41	40	40

175 Office machinery(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	29	23	23	23	22	21	22
Indirect Purchases	31	27	29	29	29	28	29
Total:	60	50	52	52	51	50	51

176 Optical instruments and lenses(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	834	642	671	666	660	629	624
Indirect Purchases	14	13	14	14	14	14	14
Total:	849	655	685	680	674	643	638

177 Photographic and photocopying equipment(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	68	54	56	55	55	54	56
Indirect Purchases	14	12	13	13	13	13	13
Total:	82	66	69	68	68	66	69

178 Other commercial and service industry machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	667	634	660	641	635	614	644
Indirect Purchases	71	60	65	64	64	62	62
Total:	738	694	725	705	699	676	706

179 Automatic vending, commercial laundry and drycleaning machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	11	9	9	9	8	8	8
Indirect Purchases	14	12	12	12	12	12	12
Total:	25	21	21	20	20	20	20

180 Air purification and ventilation equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	68	46	49	48	48	46	46
Indirect Purchases	150	141	154	155	152	158	155
Total:	219	187	203	203	200	204	202

181 Heating equipment, except warm air furnaces

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	27	20	22	22	21	19	19
Indirect Purchases	40	37	41	43	43	39	37
Total:	68	57	63	65	64	59	56

182 AC, refrigeration, and forced air heating

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	127	114	119	118	118	114	118
Indirect Purchases	329	283	310	321	316	296	283
Total:	456	396	429	439	434	410	402

183 Industrial mold manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	2	2	2	2	2	2
Indirect Purchases	190	158	163	151	155	154	157
Total:	192	160	166	153	157	156	159

Note: Numbers may not add due to rounding

184 Metal cutting and forming machine tool

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	61	43	45	42	41	38	40
Indirect Purchases	36	30	32	32	32	31	31
Total:	97	73	77	73	73	70	71

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

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	24	17	18	18	18	17	17
Indirect Purchases	623	532	559	537	546	539	543
Total:	647	549	577	555	564	556	560

186 Rolling mill and other metalworking machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	12	9	9	9	9	8	8
Indirect Purchases	13	11	11	11	11	11	11
Total:	25	19	20	20	20	19	19

Note: Numbers may not add due to rounding

187 Turbine and turbine generator set units

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	392	265	262	260	276	287	313
Indirect Purchases	214	208	227	222	217	254	254
Total:	606	473	489	482	493	541	567

188 Other engine equipment manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	271	185	206	204	198	175	151
Indirect Purchases	529	455	493	496	504	538	535
Total:	800	640	699	700	702	713	686

189 Speed changers and mechanical power transmission equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	101	84	93	95	97	92	90
Indirect Purchases	484	401	447	436	437	476	485
Total:	585	485	540	531	534	567	574

Note: Numbers may not add due to rounding

190 Pump and compressor manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	164	134	145	145	146	139	135
Indirect Purchases	97	86	91	91	90	88	88
Total:	261	220	236	236	236	227	224

191 Elevators and moving stairways

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8	7	7	7	7	7	7
Indirect Purchases	85	79	91	97	95	86	80
Total:	92	86	98	104	102	93	87

192 Conveyor and conveying equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	8	8	8	8	7	8
Indirect Purchases	20	18	19	19	19	18	18
Total:	29	25	27	27	26	26	26

193 Industrial cranes, hoists, trucks and trailers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	301	245	254	254	252	242	247
Indirect Purchases	50	44	48	49	49	47	47
Total:	351	289	301	303	301	289	294

194 Power-driven handtools

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10	7	7	7	7	6	6
Indirect Purchases	10	9	10	10	10	10	10
Total:	20	16	17	17	17	17	17

195 Welding and soldering equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	16	11	11	11	11	10	10
Indirect Purchases	57	47	50	50	50	48	47
Total:	73	58	61	61	61	58	57

Note: Numbers may not add due to rounding

196 Packaging machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	11	9	10	10	10	10	10
Total:	12	10	11	11	10	10	10

197 Industrial process furnaces and ovens

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14	8	8	8	8	8	8
Indirect Purchases	7	6	7	7	7	7	7
Total:	22	15	15	15	15	14	15

198 Fluid power equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	44	30	34	33	32	28	25
Indirect Purchases	434	380	405	405	400	393	386
Total:	478	411	439	438	432	421	411

Note: Numbers may not add due to rounding

199 Scales, balances, and miscellaneous general purpose machinery

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	181	136	142	138	136	128	130
Indirect Purchases	140	124	132	135	133	129	127
Total:	321	260	274	273	268	257	257

200 Electronic computers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,252	1,240	1,371	1,460	1,539	1,607	1,676
Indirect Purchases	558	512	547	557	562	558	575
Total:	1,810	1,752	1,918	2,017	2,101	2,164	2,251

201 Computer storage devices

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	139	126	134	136	136	133	135
Indirect Purchases	295	267	285	289	291	288	297
Total:	434	394	419	425	427	421	432

202 Computer terminals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	31	26	27	27	27	27	28
Indirect Purchases	14	13	14	14	14	14	15
Total:	45	39	41	41	42	41	43

203 Other computer peripheral equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	497	449	483	496	517	532	559
Indirect Purchases	605	551	588	601	608	604	618
Total:	1,102	1,000	1,071	1,097	1,125	1,136	1,178

204 Telephone apparatus

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	288	286	308	314	319	307	312
Indirect Purchases	209	187	195	195	195	191	197
Total:	498	473	503	509	514	498	509

205 Broadcast and wireless communications equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,129	3,033	3,286	3,458	3,496	3,301	3,288
Indirect Purchases	1,653	1,507	1,592	1,603	1,617	1,586	1,592
Total:	4,783	4,540	4,878	5,060	5,114	4,887	4,880

206 Other communications equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,486	2,456	2,650	2,736	2,750	2,660	2,669
Indirect Purchases	121	110	120	124	122	115	112
Total:	2,607	2,566	2,770	2,860	2,872	2,775	2,781

207 Audio and video equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	96	90	101	101	107	107	114
Indirect Purchases	48	41	45	45	45	43	43
Total:	143	131	146	146	152	150	157

Note: Numbers may not add due to rounding

208 Semiconductors and electron tubes

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	226	226	244	253	251	246	245
Indirect Purchases	3,477	3,211	3,464	3,589	3,641	3,583	3,619
Total:	3,703	3,436	3,707	3,842	3,891	3,829	3,864

209 All other electronic components

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,369	1,262	1,372	1,441	1,468	1,448	1,450
Indirect Purchases	4,569	4,192	4,493	4,645	4,683	4,579	4,607
Total:	5,938	5,454	5,865	6,087	6,152	6,027	6,057

210 Electromedical apparatus

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	182	186	193	192	196	189	194
Indirect Purchases	36	32	34	33	33	33	34
Total:	219	218	227	225	229	222	228

Note: Numbers may not add due to rounding

211 Search, detection, and navigation instruments

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,836	9,280	9,745	10,107	10,268	10,182	10,263
Indirect Purchases	892	811	858	891	866	822	800
Total:	10,728	10,091	10,603	10,998	11,134	11,004	11,063

212 Measuring devices and controls

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	234	163	171	169	169	162	165
Indirect Purchases	233	201	215	220	217	208	205
Total:	468	364	386	388	386	370	370

213 Electricity and signal testing instruments

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	357	306	330	343	350	346	353
Indirect Purchases	109	96	102	104	105	103	103
Total:	466	402	431	447	455	448	456

214 Analytical laboratory instruments

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	214	134	133	130	129	125	129
Indirect Purchases	180	162	171	176	173	165	165
Total:	394	296	304	307	302	290	294

215 Irradiation apparatus

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	45	34	35	34	33	31	31
Indirect Purchases	17	13	14	13	13	13	14
Total:	61	47	49	47	47	44	46

216 Watches, clocks, and other measuring and controlling devices

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	455	337	347	345	347	336	347
Indirect Purchases	226	204	214	222	218	208	205
Total:	681	541	561	568	565	545	552

217 Software, audio, and video media reproduction

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	82	74	79	79	79	77	79
Indirect Purchases	79	71	76	77	78	79	81
Total:	161	146	155	157	157	155	159

218 Magnetic and optical recording media manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	19	16	18	18	18	18	18
Indirect Purchases	177	156	164	165	164	160	163
Total:	197	172	182	183	183	178	181

219 Electric lamp bulb and part manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5	5	6	6	6	6	6
Indirect Purchases	18	14	15	15	15	14	14
Total:	23	19	21	21	21	20	20

Note: Numbers may not add due to rounding

220 Lighting fixtures(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	29	25	29	29	29	28	28
Indirect Purchases	206	190	213	224	219	202	191
Total:	235	215	241	252	249	230	219

221 Electric housewares, fans and vacuum cleaners(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5	5	5	5	5	5	5
Indirect Purchases	16	14	16	17	16	15	14
Total:	21	19	21	22	21	20	19

222 Household cooking appliances(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3	3	3	2	2	2	2
Indirect Purchases	12	10	11	11	11	10	10
Total:	16	13	13	13	13	12	13

223 Household refrigerators and home freezers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7	6	6	6	5	5	5
Indirect Purchases	5	4	4	4	4	4	3
Total:	12	10	10	10	9	8	8

224 Household laundry equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	3	3	3	3	3	3
Indirect Purchases	2	1	1	1	1	1	1
Total:	6	4	4	4	4	4	4

225 Other major household appliances

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8	7	8	7	7	7	7
Indirect Purchases	19	17	18	18	18	17	17
Total:	27	24	25	25	25	24	24

Note: Numbers may not add due to rounding

226 Electric power and specialty transformers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	54	53	62	66	66	61	58
Indirect Purchases	32	28	30	31	31	30	30
Total:	86	81	93	97	97	91	88

227 Motors and generators

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	98	93	111	122	126	125	123
Indirect Purchases	380	339	362	364	365	367	369
Total:	478	432	473	486	490	491	491

228 Switchgear and switchboard apparatus

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	28	25	27	28	29	29	28
Indirect Purchases	78	69	74	76	75	72	72
Total:	106	94	101	104	104	101	100

Note: Numbers may not add due to rounding

229 Relays and industrial controls

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	30	30	34	38	41	45	47
Indirect Purchases	435	391	416	419	420	422	425
Total:	464	421	450	457	461	467	472

230 Storage batteries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	21	20	23	23	24	22	21
Indirect Purchases	60	53	56	57	57	56	56
Total:	82	73	79	80	81	78	77

231 Primary batteries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	40	41	51	57	59	60	60
Indirect Purchases	9	8	8	8	8	8	8
Total:	50	49	59	65	67	69	69

Note: Numbers may not add due to rounding

232 Fiber optic and other cable

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	42	40	43	43	44	43	45
Indirect Purchases	556	509	547	565	567	549	547
Total:	598	549	590	608	611	592	592

233 Wiring devices

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	71	59	65	64	66	64	64
Indirect Purchases	218	197	211	218	216	207	204
Total:	289	255	276	282	283	270	267

234 Carbon and graphite and miscellaneous electrical equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	442	430	478	503	531	534	546
Indirect Purchases	190	175	191	196	199	194	196
Total:	633	605	669	698	729	729	742

235 Automobiles and light trucks

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,702	1,100	1,239	1,221	1,178	1,029	887
Indirect Purchases	0	0	0	0	0	0	0
Total:	1,702	1,100	1,239	1,221	1,178	1,029	887

236 Heavy duty trucks

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	247	155	154	153	160	162	175
Indirect Purchases	60	39	43	43	41	36	30
Total:	307	194	197	195	201	198	206

237 Motor vehicle bodies

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,267	803	910	900	872	766	648
Indirect Purchases	61	39	43	43	42	38	35
Total:	1,329	842	952	942	914	804	683

Note: Numbers may not add due to rounding

238 Truck trailers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,801	1,068	1,165	1,195	1,242	1,225	1,095
Indirect Purchases	150	92	104	104	103	93	80
Total:	1,951	1,161	1,268	1,298	1,345	1,318	1,175

239 Motor homes, travel trailers and campers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	202	134	146	144	137	115	95
Indirect Purchases	71	43	47	48	49	47	42
Total:	273	177	192	192	185	162	137

240 Motor vehicle parts

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,878	1,214	1,367	1,346	1,311	1,159	1,010
Indirect Purchases	3,185	2,448	2,631	2,620	2,586	2,463	2,367
Total:	5,062	3,662	3,997	3,966	3,897	3,622	3,377

241 Aircraft

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	21,193	18,428	19,118	18,418	18,544	18,100	18,122
Indirect Purchases	294	274	290	295	298	291	298
Total:	21,486	18,701	19,408	18,713	18,842	18,391	18,420

242 Aircraft engines and engine parts

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,319	4,093	4,421	4,577	4,770	4,663	4,747
Indirect Purchases	1,834	1,708	1,829	1,907	1,919	1,849	1,848
Total:	6,153	5,802	6,250	6,484	6,689	6,512	6,596

243 Other aircraft parts and equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,145	8,739	9,675	10,197	10,782	10,663	11,072
Indirect Purchases	2,338	2,139	2,268	2,368	2,332	2,223	2,193
Total:	11,482	10,878	11,943	12,565	13,114	12,886	13,265

Note: Numbers may not add due to rounding

244 Guided missiles and space vehicles

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,189	5,434	6,232	5,966	5,996	5,906	5,860
Indirect Purchases	644	622	672	664	649	627	613
Total:	5,833	6,057	6,904	6,631	6,645	6,533	6,474

245 Propulsion units and parts for space vehicles and guided missiles

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	902	834	939	1,035	1,058	1,075	1,075
Indirect Purchases	834	856	972	942	942	928	919
Total:	1,736	1,690	1,911	1,976	2,000	2,003	1,993

246 Railroad rolling stock

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	27	23	24	23	20	18	15
Indirect Purchases	51	46	47	46	46	45	45
Total:	78	69	71	69	66	62	61

247 Ship building and repairing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9,546	9,428	10,332	10,089	9,851	11,654	11,650
Indirect Purchases	123	105	106	101	99	96	98
Total:	9,669	9,533	10,438	10,191	9,950	11,750	11,748

248 Boat building

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	156	141	142	158	187	211	161
Indirect Purchases	24	22	23	22	22	23	24
Total:	180	162	164	180	209	235	185

249 Motorcycle, bicycle, and parts

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4	3	3	3	3	3	3
Indirect Purchases	15	13	13	13	13	13	13
Total:	18	15	16	16	16	16	16

Note: Numbers may not add due to rounding

250 Military armored vehicles and tank parts

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,144	3,612	3,758	3,635	3,369	2,803	2,250
Total:	5,144	3,612	3,758	3,635	3,369	2,803	2,250

251 All other transportation equipment

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	435	357	371	362	351	328	321
Indirect Purchases	78	65	67	66	63	60	54
Total:	513	422	438	429	414	387	375

252 Wood kitchen cabinets and countertops

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	18	15	15	15	14	12	11
Indirect Purchases	126	113	123	127	125	119	117
Total:	144	128	138	142	139	131	127

253 Household and institutional furniture

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	200	191	184	180	167	146	131
Indirect Purchases	66	62	67	70	70	68	68
Total:	267	253	252	249	237	214	199

254 Office furniture (including fixtures)

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	160	143	169	184	183	169	157
Indirect Purchases	93	85	94	98	96	90	87
Total:	253	228	262	282	279	259	244

255 Mattresses, blinds and shades

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	12	11	11	10	9	8	7
Indirect Purchases	0	0	0	0	0	0	0
Total:	12	11	11	10	9	8	7

256 Laboratory apparatus and furniture

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	48	31	32	29	29	27	28
Indirect Purchases	10	10	11	11	10	12	12
Total:	58	41	43	40	40	39	40

257 Surgical and medical instruments

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	130	88	91	85	85	79	82
Indirect Purchases	110	94	99	97	96	95	100
Total:	240	182	189	182	181	174	183

258 Surgical appliance and supplies

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	195	163	166	160	158	151	156
Indirect Purchases	58	50	53	53	52	52	54
Total:	253	213	219	212	210	202	209

259 Dental equipment and supplies

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	19	12	12	11	11	10	11
Indirect Purchases	15	13	14	13	13	13	14
Total:	34	25	25	25	24	24	25

260 Ophthalmic goods

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,635	1,529	1,624	1,605	1,593	1,596	1,679
Indirect Purchases	1	1	1	1	1	1	1
Total:	1,636	1,530	1,626	1,607	1,595	1,598	1,681

261 Dental laboratories

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	0	0	0	0	0	0
Indirect Purchases	32	27	28	28	28	28	29
Total:	33	28	29	28	28	28	30

Note: Numbers may not add due to rounding

262 Jewelry and silverware

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	1	1	1	1	1
Indirect Purchases	19	16	17	17	17	17	17
Total:	21	17	18	18	18	18	18

263 Toys and sporting goods

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	39	32	33	32	31	30	31
Indirect Purchases	12	10	11	11	11	10	11
Total:	51	42	43	43	42	41	42

264 Office supplies, except paper

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	37	42	44	44	45	46	45
Indirect Purchases	50	44	47	48	47	46	47
Total:	87	86	91	92	92	92	92

265 Sign manufacturing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	6	6	6	6	6	6
Indirect Purchases	90	76	79	78	78	76	77
Total:	98	82	85	85	84	82	83

266 Gasket, packing, and sealing devices(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	52	44	52	47	50	44	46
Indirect Purchases	202	180	195	192	192	187	186
Total:	254	224	247	239	242	230	232

267 Musical instruments(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	1	2
Indirect Purchases	1	1	1	1	1	1	1
Total:	3	2	2	2	2	2	2

Note: Numbers may not add due to rounding

268 Other miscellaneous manufacturing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	312	250	261	251	251	240	249
Indirect Purchases	106	94	99	99	98	96	98
Total:	418	344	360	350	350	336	347

269 Wholesale trade

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8,090	7,384	7,887	7,650	7,671	7,527	7,932
Indirect Purchases	12,924	11,415	12,125	12,207	12,172	11,908	11,927
Total:	21,014	18,799	20,012	19,858	19,843	19,435	19,858

270 Retail trade

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	5,809	5,421	5,736	5,667	5,655	5,658	5,971
Indirect Purchases	1,653	1,480	1,594	1,628	1,602	1,521	1,498
Total:	7,462	6,901	7,329	7,295	7,257	7,179	7,468

Note: Numbers may not add due to rounding

271 Air transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14,259	13,263	13,562	13,329	13,172	12,890	13,325
Indirect Purchases	2,051	1,773	1,868	1,845	1,845	1,809	1,833
Total:	16,310	15,036	15,429	15,174	15,017	14,700	15,158

272 Rail transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,477	1,349	1,355	1,302	1,274	1,249	1,264
Indirect Purchases	986	872	928	933	932	918	923
Total:	2,464	2,221	2,283	2,235	2,207	2,167	2,187

273 Water transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	6,378	5,483	5,511	5,287	5,173	5,043	5,151
Indirect Purchases	160	134	143	143	141	136	137
Total:	6,537	5,618	5,654	5,430	5,315	5,179	5,287

274 Truck transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	11,412	10,292	10,332	9,919	9,704	9,515	9,629
Indirect Purchases	5,118	4,481	4,662	4,620	4,551	4,433	4,422
Total:	16,530	14,772	14,994	14,540	14,255	13,948	14,051

275 Transit and ground passenger transportation (includes S&L government)

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	442	384	388	381	378	373	384
Indirect Purchases	429	378	396	397	394	386	393
Total:	871	761	784	778	772	759	777

276 Pipeline transportation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	14	7	7	6	6	6	6
Indirect Purchases	726	630	657	645	639	619	628
Total:	740	637	663	651	645	625	635

Note: Numbers may not add due to rounding

277 Support activities for transportation and sightseeing

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,823	2,470	2,631	2,661	2,699	2,642	2,739
Indirect Purchases	5,437	4,898	5,058	4,980	4,948	4,869	5,003
Total:	8,260	7,368	7,689	7,641	7,647	7,511	7,743

278 Couriers and messengers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	20	16	16	16	16	15	16
Indirect Purchases	1,842	1,634	1,721	1,729	1,716	1,674	1,700
Total:	1,861	1,650	1,737	1,745	1,731	1,689	1,715

279 Warehousing and storage

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,046	2,775	2,795	2,678	2,620	2,557	2,596
Indirect Purchases	1,626	1,469	1,565	1,581	1,582	1,557	1,566
Total:	4,673	4,244	4,360	4,260	4,202	4,115	4,163

Note: Numbers may not add due to rounding

280 Newspaper publishers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	7	7	7	7	6	6
Indirect Purchases	1,071	908	942	930	921	898	912
Total:	1,081	915	949	937	927	904	918

281 Periodical publishers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	22	19	20	19	19	19	20
Indirect Purchases	910	782	807	798	781	756	759
Total:	932	800	827	817	800	774	779

282 Book publishers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	61	54	56	54	53	51	53
Indirect Purchases	109	95	99	99	98	96	98
Total:	170	149	154	153	151	147	151

283 Database, directory, and other publishers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	115	108	112	109	107	103	109
Indirect Purchases	685	591	619	622	616	598	608
Total:	800	699	731	731	723	701	717

284 Software publishers

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	361	322	341	342	343	337	348
Indirect Purchases	353	338	370	387	402	412	428
Total:	713	661	711	729	744	749	777

285 Motion picture and video industries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	99	77	80	78	77	76	80
Indirect Purchases	666	563	581	574	564	544	550
Total:	764	640	660	652	641	620	630

286 Sound recording industries

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	19	17	18	17	17	16	17
Indirect Purchases	63	55	57	57	56	54	56
Total:	82	71	75	74	73	71	73

287 Radio and television broadcasting

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	26	19	20	19	20	20	21
Indirect Purchases	1,143	963	995	979	968	941	953
Total:	1,170	982	1,015	999	987	960	974

288 Cable networks and program distribution

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	29	28	29	29	30	28	29
Indirect Purchases	474	405	421	416	413	403	411
Total:	503	432	450	445	442	431	440

Note: Numbers may not add due to rounding

289 Telecommunications

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	10,465	9,285	9,586	9,470	9,396	9,224	9,562
Indirect Purchases	9,108	8,148	8,623	8,701	8,681	8,514	8,720
Total:	19,573	17,433	18,209	18,171	18,078	17,738	18,282

290 Information services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	435	432	482	524	567	632	673
Indirect Purchases	618	546	575	577	572	556	565
Total:	1,054	978	1,057	1,102	1,139	1,188	1,238

291 Data processing services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	415	327	351	354	349	350	365
Indirect Purchases	1,995	1,799	1,917	1,945	1,945	1,917	1,950
Total:	2,410	2,126	2,268	2,299	2,294	2,267	2,315

292 Banks, savings institutions, and credit unions

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	6,000	5,313	5,610	5,634	5,604	5,474	5,526
Total:	6,000	5,314	5,610	5,634	5,604	5,474	5,526

293 Credit cards and finance companies

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	17	14	15	15	15	14	15
Indirect Purchases	3,008	2,709	2,883	2,925	2,930	2,884	2,939
Total:	3,025	2,723	2,898	2,940	2,944	2,899	2,954

294 Securities, commodity contracts, investments

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	533	279	103	101	100	100	101
Indirect Purchases	2,419	2,102	2,151	2,148	2,114	2,050	2,052
Total:	2,952	2,381	2,254	2,249	2,214	2,149	2,153

Note: Numbers may not add due to rounding

295 Insurance

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,910	2,121	2,133	2,115	2,105	2,110	2,148
Indirect Purchases	4,535	4,243	4,375	4,345	4,302	4,225	4,280
Total:	6,444	6,364	6,508	6,460	6,406	6,334	6,428

296 Funds, trusts, and other financial vehicles

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	59	58	59	59	58	58	59
Total:	62	60	61	61	60	60	61

297 Real estate

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,276	3,655	3,734	3,708	3,610	3,416	3,389
Indirect Purchases	13,155	11,774	12,432	12,551	12,483	12,226	12,443
Total:	17,432	15,428	16,165	16,259	16,093	15,642	15,833

Note: Numbers may not add due to rounding

299 Automotive equipment rental and leasing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,855	1,735	1,761	1,732	1,721	1,706	1,749
Indirect Purchases	1,812	1,603	1,676	1,675	1,654	1,609	1,623
Total:	3,667	3,338	3,437	3,406	3,374	3,315	3,372

300 Video tape and disc rental(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Total:	1	1	1	1	1	1	1

301 Machinery and equipment rental and leasing(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	220	170	178	171	171	164	172
Indirect Purchases	1,765	1,577	1,667	1,671	1,662	1,621	1,639
Total:	1,985	1,748	1,845	1,843	1,833	1,785	1,811

302 Rental of other goods

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	34	19	19	18	18	17	18
Indirect Purchases	450	401	423	425	422	412	417
Total:	484	420	442	444	440	429	435

303 Lessors of nonfinancial intangible assets (royalties)

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Indirect Purchases	2,263	2,040	2,178	2,201	2,200	2,177	2,209
Total:	2,263	2,040	2,178	2,202	2,200	2,177	2,209

304 Legal services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	63	55	56	54	53	50	51
Indirect Purchases	4,419	3,955	4,172	4,215	4,198	4,113	4,175
Total:	4,482	4,010	4,228	4,269	4,250	4,163	4,226

305 Accounting and bookkeeping

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	205	181	191	187	187	183	194
Indirect Purchases	2,415	2,123	2,218	2,226	2,195	2,126	2,142
Total:	2,620	2,304	2,409	2,413	2,382	2,309	2,335

306 Architectural and engineering services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	29,887	27,215	28,823	29,657	29,148	27,912	28,286
Indirect Purchases	4,944	4,406	4,707	4,792	4,700	4,473	4,407
Total:	34,831	31,621	33,530	34,448	33,849	32,385	32,693

307 Specialized design services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,491	1,174	1,609	1,861	1,786	1,933	1,952
Indirect Purchases	699	618	660	674	670	654	664
Total:	2,189	1,792	2,268	2,535	2,456	2,587	2,616

308 Custom computer programming

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,857	2,389	2,494	2,464	2,426	2,359	2,433
Indirect Purchases	637	556	583	602	600	580	574
Total:	3,494	2,945	3,077	3,067	3,026	2,939	3,008

309 Computer systems design services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,468	3,010	3,143	3,119	3,067	2,978	3,073
Indirect Purchases	737	660	697	701	695	682	693
Total:	4,204	3,669	3,841	3,820	3,762	3,660	3,766

310 Other computer related services, including facilities management

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	8,640	7,719	8,146	8,067	7,983	7,757	8,052
Indirect Purchases	1,351	1,225	1,309	1,330	1,333	1,319	1,357
Total:	9,991	8,944	9,455	9,397	9,317	9,077	9,408

Note: Numbers may not add due to rounding

311 Management consulting

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,747	3,677	3,779	3,702	3,650	3,542	3,689
Indirect Purchases	3,724	3,362	3,606	3,700	3,716	3,664	3,758
Total:	8,472	7,038	7,385	7,402	7,366	7,207	7,447

312 Environmental and other technical consulting services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,682	1,330	1,355	1,354	1,350	1,327	1,364
Indirect Purchases	1,193	1,097	1,189	1,238	1,243	1,215	1,246
Total:	2,876	2,427	2,544	2,592	2,593	2,542	2,611

313 Scientific research and development

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	37,410	34,767	36,223	36,594	35,185	33,585	32,539
Indirect Purchases	1,872	1,659	1,788	1,819	1,824	1,789	1,792
Total:	39,282	36,426	38,011	38,413	37,009	35,374	34,332

Note: Numbers may not add due to rounding

314 Advertising and related services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	808	510	506	489	479	460	482
Indirect Purchases	5,688	4,985	5,201	5,148	5,115	5,003	5,077
Total:	6,496	5,495	5,707	5,637	5,594	5,463	5,559

315 Photographic services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	12	10	10	10	10	9	10
Indirect Purchases	65	57	60	60	60	59	60
Total:	77	67	70	70	70	68	69

316 Veterinary services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	9	6	6	6	6	6	6
Indirect Purchases	27	24	26	26	26	26	27
Total:	35	30	32	32	32	31	32

Note: Numbers may not add due to rounding

317 All other miscellaneous professional and technical services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	7,206	6,345	6,692	7,041	6,947	6,607	6,654
Indirect Purchases	4,828	4,420	4,771	4,901	4,915	4,838	4,872
Total:	12,035	10,765	11,463	11,943	11,862	11,444	11,526

318 Management of companies and enterprises

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	2	2	2	2	2	2
Indirect Purchases	8,606	7,690	8,166	8,231	8,213	8,049	8,089
Total:	8,609	7,693	8,169	8,233	8,215	8,051	8,091

319 Office administrative services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	813	622	638	626	618	603	632
Indirect Purchases	2,174	1,919	2,027	2,048	2,023	1,965	1,994
Total:	2,986	2,541	2,664	2,674	2,641	2,568	2,626

320 Facilities support services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,754	3,551	3,629	3,558	3,484	3,335	3,465
Indirect Purchases	118	104	111	112	111	107	109
Total:	4,872	3,656	3,740	3,671	3,595	3,442	3,574

321 Employment services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	243	185	190	185	182	174	183
Indirect Purchases	4,223	3,719	3,916	3,948	3,898	3,784	3,840
Total:	4,466	3,904	4,106	4,133	4,079	3,958	4,023

322 Business support services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	617	451	459	445	433	411	427
Indirect Purchases	1,463	1,273	1,327	1,323	1,303	1,263	1,275
Total:	2,081	1,724	1,786	1,768	1,736	1,674	1,703

323 Travel arrangement and reservation services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	98	55	53	51	50	49	51
Indirect Purchases	2,422	2,211	2,263	2,219	2,192	2,143	2,205
Total:	2,520	2,266	2,316	2,270	2,242	2,192	2,256

324 Investigation and security services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	836	580	586	571	563	546	573
Indirect Purchases	779	682	707	701	686	661	664
Total:	1,615	1,262	1,293	1,272	1,249	1,207	1,236

325 Services to buildings and dwellings

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,635	1,404	1,451	1,410	1,385	1,341	1,411
Indirect Purchases	2,332	2,059	2,165	2,176	2,149	2,088	2,116
Total:	3,967	3,463	3,616	3,586	3,534	3,429	3,527

326 Other support services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,476	1,140	1,205	1,250	1,300	1,370	1,453
Indirect Purchases	1,422	1,248	1,306	1,305	1,288	1,250	1,265
Total:	2,898	2,388	2,511	2,555	2,589	2,620	2,718

327 Waste management and remediation services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,769	1,716	1,715	1,675	1,652	1,600	1,674
Indirect Purchases	1,341	1,068	1,108	1,100	1,084	1,058	1,069
Total:	4,110	2,783	2,823	2,776	2,736	2,658	2,743

328 Elementary and secondary schools

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	38	29	30	30	30	30	31
Indirect Purchases	3	3	3	2	2	2	2
Total:	41	31	32	32	32	32	34

Note: Numbers may not add due to rounding

329 Colleges, universities, and junior colleges

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,447	1,252	1,265	1,245	1,200	1,148	1,149
Indirect Purchases	486	429	451	452	448	435	441
Total:	1,933	1,681	1,715	1,697	1,648	1,583	1,590

330 Other educational services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,722	1,449	1,506	1,482	1,470	1,437	1,506
Indirect Purchases	50	42	44	43	43	41	42
Total:	1,772	1,492	1,550	1,525	1,513	1,478	1,548

331 Home health care services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	425	395	420	415	413	414	436
Total:	425	395	420	415	413	414	436

332 Offices of physicians, dentists, and other health practitioners

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,674	3,132	3,288	3,241	3,212	3,204	3,374
Total:	3,674	3,132	3,288	3,241	3,212	3,204	3,374

333 Other ambulatory health care services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,972	2,234	2,305	2,265	2,244	2,228	2,344
Indirect Purchases	335	259	268	264	261	259	272
Total:	3,307	2,493	2,573	2,529	2,505	2,487	2,616

334 Hospitals

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,940	3,674	3,898	3,849	3,821	3,827	4,033
Total:	3,940	3,674	3,898	3,849	3,821	3,827	4,033

335 Nursing and residential care facilities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	748	697	741	733	728	731	770
Total:	748	697	741	733	728	731	770

336 Child day care services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1	1	1	1	1	1	1
Indirect Purchases	2	2	2	1	2	2	2
Total:	3	2	3	2	2	2	2

337 Social assistance, except child day care services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	248	235	238	233	228	221	227
Indirect Purchases	3	3	3	2	3	3	3
Total:	251	237	241	236	231	224	229

338 Performing arts, spectator sports, museums & related activities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	43	35	36	35	34	32	32
Indirect Purchases	860	744	778	777	769	751	761
Total:	904	779	814	811	803	782	793

339 Amusements, gambling, & recreation activities

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	23	19	19	19	19	19	19
Indirect Purchases	208	183	193	195	193	189	191
Total:	231	202	213	214	213	207	210

340 Hotels and other accommodation

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	4,265	3,957	4,013	3,947	3,922	3,888	3,987
Indirect Purchases	1,318	1,150	1,212	1,208	1,204	1,178	1,193
Total:	5,583	5,108	5,226	5,155	5,125	5,066	5,179

Note: Numbers may not add due to rounding

341 Food services & drinking places

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	3,119	2,730	2,768	2,712	2,685	2,641	2,724
Indirect Purchases	2,894	2,568	2,688	2,686	2,664	2,607	2,658
Total:	6,013	5,297	5,456	5,398	5,349	5,248	5,382

342 Automotive repair, maintenance and car washes

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	423	258	274	268	257	229	210
Indirect Purchases	1,310	1,125	1,183	1,180	1,166	1,132	1,134
Total:	1,733	1,383	1,458	1,448	1,423	1,362	1,344

343 Electronic equipment repair & maintenance

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,323	1,220	1,314	1,363	1,385	1,371	1,396
Indirect Purchases	1,026	875	903	890	869	836	834
Total:	2,350	2,095	2,217	2,253	2,254	2,207	2,230

344 Commercial machinery repair & maintenance

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	402	291	296	294	300	298	314
Indirect Purchases	1,417	1,215	1,279	1,282	1,267	1,232	1,237
Total:	1,818	1,506	1,576	1,576	1,567	1,530	1,552

345 Household goods repair & maintenance

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	31	26	27	26	26	25	26
Indirect Purchases	631	551	576	575	570	556	564
Total:	662	577	603	601	595	581	590

346 Personal care services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	2	1	1	1	1
Indirect Purchases	1	1	1	1	1	1	1
Total:	3	2	3	2	2	2	2

347 Death care services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2	1	1	1	1	1	1
Indirect Purchases	0	0	0	0	0	0	0
Total:	2	1	1	1	1	1	1

348 Drycleaning & laundry services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	94	68	69	67	66	63	66
Indirect Purchases	160	143	149	149	147	147	149
Total:	254	211	218	216	213	210	215

349 Other personal services

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	23	17	17	17	16	16	17
Indirect Purchases	109	96	102	104	103	101	103
Total:	132	113	120	121	120	117	120

350 Religious, grantmaking, civic & professional organizations

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	60	45	47	46	45	44	46
Indirect Purchases	534	475	502	506	500	486	488
Total:	594	521	548	552	545	530	534

351 Private households

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0

352 Postal service

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	2,007	1,747	1,784	1,754	1,735	1,693	1,745
Indirect Purchases	1,450	1,251	1,290	1,272	1,237	1,186	1,188
Total:	3,457	2,998	3,074	3,027	2,972	2,879	2,933

353 Other federal government enterprises (except post office and electric utilities)

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	1,102	1,045	1,083	1,120	1,085	1,037	1,072
Indirect Purchases	103	92	95	95	95	94	95
Total:	1,204	1,137	1,178	1,215	1,180	1,130	1,167

354 Other state and local government enterprises (except electric utilities and transit)

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Indirect Purchases	2,108	1,813	1,905	1,917	1,914	1,878	1,923
Total:	2,108	1,813	1,905	1,917	1,914	1,878	1,923

355 General government industry

(Millions of 2008 dollars)

	2007	2008	2009	2010	2011	2012	2013
SUMMARY OF DEFENSE PURCHASES							
Direct Purchases	160,036	153,113	155,305	155,032	155,683	156,192	156,990
Total:	160,036	153,113	155,305	155,032	155,683	156,192	156,990

Note: Numbers may not add due to rounding

Short text about the last 5 Iliad Industries

Although the Inforum model has detail for 360 commodities, only 355 of these commodities possibly contribute direct or indirect requirements to defense. These last five commodities are:

356. Noncomparable imports – These are imports of commodities of which no similar domestic output is produced.

357. Scrap – This commodity represents sales of scrap arising from production.

358. Used and secondhand goods – This commodity is sales of used and secondhand goods from one sector to another, consisting mostly of capital equipment.

359. Rest of the world adjustment to final uses – This is an offsetting adjustment between personal consumption and exports that represents purchases of consumption goods in the U.S. by visiting foreign residents.

360. Inventory valuation adjustment – This is an adjustment to measured inventory stocks to adjust for misstatement of inventory levels to due the effects of inflation.

FEEDBACK FORM

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

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

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

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

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

Other: _____

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

OPTIONAL

Name

Title

Company

Address

City State Zip

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