

U.S. Census Bureau

Civil Aircraft and Aircraft Engines; and Aerospace Industry (Orders, Sales, and Backlog) - Summary 2007

M336G(07)-13

Issued June 2008

Address inquiries concerning these data to Investment Goods Branch, U.S. Department of Commerce, Census Bureau, Manufacturing and Construction Division, Washington, DC 20233-6900, or call Kellie Friedrich 301-763-5168.

These data are also available online through STAT-USA by subscription. For further information, visit <http://www.stat-usa.gov/> or call 1-800-STAT-USA.

Table 1. Quantity and Value of Shipments of Complete Civil Aircraft: 2007 and 2006
 [Quantity in units. Value in thousands of dollars]

Product code	Product description	No. of cos.	2007		2006	
			Quantity	Value	Quantity	Value
33641131	Complete civil aircraft.....	27	5,250	41,124,179	r/ 5,234	35,392,302
3364113110	Civil aircraft (fixed wing, powered).....	16	3,523	39,730,072	r/ 3,317	34,571,313
3364113120	Helicopters (rotary wing).....	5	(D)	(D)	(D)	(D)
3364113121	Other civil aircraft (nonpowered) and kits.....	6	(D)	(D)	(D)	(D)
33641231	Complete civil aircraft engines.....	17	15,341	9,051,159	12,353	7,383,348
3364123100	Complete civil aircraft engines.....	17	15,341	9,051,159	12,353	7,383,348

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Table 2. Quantity and Value of Shipments of Complete Civil Aircraft by Month: 2007 and 2006
 [Quantity in number of units. Value in thousands of dollars]

Year and month	Civil aircraft (fixed wing, powered)		Helicopters (rotary wing)		Other civil aircraft (nonpowered)	
	Quantity	Value	Quantity	Value	Quantity	Value
2007						
January.....	r/ 199	r/ 2,418,410	(D)	(D)	(D)	(D)
February.....	r/ 219	r/ 2,665,933	(D)	(D)	(D)	(D)
March.....	r/ 328	r/ 3,727,507	(D)	(D)	(D)	(D)
April.....	r/ 267	r/ 3,220,056	(D)	(D)	(D)	(D)
May.....	r/ 263	r/ 3,150,454	(D)	(D)	(D)	(D)
June.....	r/ 341	r/ 3,941,289	(D)	(D)	(D)	(D)
July.....	r/ 237	r/ 2,934,176	(D)	(D)	(D)	(D)
August.....	r/ 240	r/ 2,975,110	(D)	(D)	(D)	(D)
September.....	r/ 372	r/ 3,495,378	(D)	(D)	(D)	(D)
October.....	r/ 298	r/ 3,601,614	(D)	(D)	(D)	(D)
November.....	r/ 325	r/ 3,627,142	(D)	(D)	(D)	(D)
December.....	r/ 434	r/ 3,973,003	(D)	(D)	(D)	(D)
2006						
January.....	r/ 198	1,852,395	(D)	(D)	(D)	(D)
February.....	r/ 216	2,887,551	(D)	(D)	(D)	(D)
March.....	r/ 328	3,655,775	(D)	(D)	(D)	(D)
April.....	r/ 251	2,359,764	(D)	(D)	(D)	(D)
May.....	r/ 251	2,964,320	(D)	(D)	(D)	(D)
June.....	r/ 338	3,450,146	(D)	(D)	(D)	(D)
July.....	r/ 236	2,294,403	(D)	(D)	(D)	(D)
August.....	r/ 239	r/ 2,278,482	(D)	(D)	(D)	(D)
September.....	r/ 309	3,316,799	(D)	(D)	(D)	(D)
October.....	r/ 259	2,803,971	(D)	(D)	(D)	(D)
November.....	r/ 251	3,124,449	(D)	(D)	(D)	(D)
December.....	r/ 441	3,583,258	(D)	(D)	(D)	(D)

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Table 3. Quantity and Value of Shipments of Complete Civil Aircraft Engines: 2007 and 2006
 [Quantity in number of units. Value in thousands of dollars]

Year and month	Complete civil aircraft engines 1/	
	Quantity	Value
2007		
January.....	r/ 1,260	697,833
February.....	r/ 1,260	688,869
March.....	r/ 1,397	883,122
April.....	r/ 1,243 r/	775,906
May.....	r/ 1,174 r/	637,254
June.....	r/ 1,344	947,001
July.....	r/ 1,211	747,154
August.....	r/ 1,254 r/	237,984
September.....	r/ 1,380	785,711
October.....	r/ 1,386	835,208
November.....	r/ 1,188	864,186
December.....	r/ 1,244	950,931
2006		
January.....	965	641,113
February.....	896	538,742
March.....	1,111	723,396
April.....	1,064	598,045
May.....	956	509,854
June.....	1,226	795,991
July.....	971	466,404
August.....	995	579,187
September.....	1,153	728,292
October.....	1,081	531,402
November.....	963	585,574
December.....	972	685,348

r/Revised by 5 percent or more from previously published data.

Table 4. Shipments, Exports, and Imports of Complete Civil Aircraft and Aircraft Engines: 2007
 [Quantity in units. Value in thousands of dollars]

Product code 1/	Product description	Manufacturers' shipments		Exports of domestic merchandise 1/ 2/		Imports for consumption 1/ 3/	
		Quantity	Value (f.o.b. plant)	Quantity	Value at port	Quantity	Value
3364113110	Civil aircraft (fixed wing, powered) 4/	3,523	39,730,072	1,587	44,575,354	1,207	11,479,270
3364113120	Helicopters (rotary wing)	(D)	(D)	898	1,111,320	307	894,687
3364123100	Complete civil aircraft engines	15,341	9,051,159	15,318	6,946,287	5,579	3,859,266

D Withheld to avoid disclosing data for individual companies.

1/ For comparison of SIC-based codes with Schedule B export numbers and HTSUSA import numbers, see contact listed at the beginning of this report.

2/ Source: Bureau of the Census report EM 545, U.S. Exports.

3/ Source: Bureau of the Census report IM 145, U.S. Imports for consumption.

4/ Data are not comparable due to definitional differences between reporting of the value of export shipments and the value of product shipments.

Table 5. Value of Backlog of Orders, and Net Sales Reported by Manufacturers of Complete Aircraft, Space Vehicles, Missiles, and Selected Parts: 1998 to 2007

[Millions of dollars]

Year	Net new orders during year 1/	Net sales during year	Backlog, end of year
2007.....	235,372	128,720	441,137
2006.....	202,842 r/	155,893 r/	334,489
2005.....	186,443	124,176	290,054
2004.....	131,674	124,329	234,272
2003.....	117,721	116,445	226,932
2002.....	114,830	115,202	222,452
2001.....	122,334	117,088	220,148
2000.....	140,086	109,311	214,966
1999.....	115,257	124,181	188,409
1998.....	109,993	119,258	200,288

1/Represents new orders received during the year less terminations during the year.

r/Revised by 5 percent or more from previously published data.

Note: Detail items may not add to total due to independent rounding.

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Table 6. Value of Net New Orders, Net Sales, and Backlog of Orders of Complete Aircraft, Space Vehicles, Missiles, and Selected Parts, by United States Government and Other Customers: 2003 to 2007

[Millions of dollars]

Year 1/	Net new orders 1/ (prime contracts and subcontracts)			Net sales, receipts, or billings			Backlog, end of year		
	Total	United States Government 2/	Other customers	Total	United States Government 2/	Other customers	Total	United States Government 2/	Other customers
2007.....	235,372	56,719	178,653	128,720	50,122	78,598	441,137	91,146	349,991
2006.....	202,842	68,342	134,500 r/	155,893 r/	69,738 r/	86,154 r/	334,489 r/	84,549 r/	249,940
2005.....	186,443	50,639	135,803	124,176	62,772	61,404	290,054	86,664	203,390
2004.....	131,674	69,012	62,662	124,329	64,245	60,084	234,272	97,970	136,302
2003.....	117,721	68,305	49,415	116,445	61,572	54,874	226,932	93,193	133,739

1/Represents new orders received during the year less terminations during the year.

2/Represents prime contracts only. All subcontracts, including those where it is known that the prime contract was let by the U.S. Government, are reported as subcontracts from "Other customers."

r/Revised by 5 percent or more from previously published data.

Note: Detail items may not add to total due to independent rounding.

Table 7. Value of Net New Orders, Net Sales, and Backlog of Orders of Complete Aircraft, Space Vehicles, Missiles, and Selected Parts by Military and Nonmilitary: 2003 to 2007
 [Millions of dollars]

Year 1/	Net new orders 1/ (prime contracts and subcontracts)			Net sales, receipts, or billings			Backlog, end of year		
	Total	Military	Nonmilitary	Total	Military	Nonmilitary	Total	Military	Nonmilitary
2007.....	235,372	47,705	187,666	128,720	44,299	84,421	441,137	96,330	344,807
2006.....	202,842	67,709	135,133 r/	155,893 r/	72,934 r/	82,959 r/	334,489 r/	92,924 r/	241,565
2005.....	186,443	53,008	133,434	124,176	61,660	62,517	290,054	100,836	189,217
2004.....	131,674	76,747	54,927	124,329	69,027	55,301	234,272	116,509	117,763
2003.....	117,721	72,650	45,070	116,445	65,569	50,876	226,932	108,704	118,229

1/Represents new orders received during the year less terminations during the year.

r/Revised by 5 percent or more from previously published data.

Note: Detail items may not add to total due to independent rounding.

Table 8. Value of Net New Orders, Net Sales, and Backlog of Orders of Complete Aircraft, Space Vehicle, Missiles, and Selected Parts: 2007 and 2006
[Millions of dollars]

Product description	No. of cos.	Net new orders			Shipments (or net sales)	Backlog, end of year
		Total	Prime contract	Sub-contract		
2007						
Total.....	41	235,372	234,340	1,032	128,720	441,137
Military.....	(NA)	47,705	47,705	(NA)	44,299	96,330
U.S. Government.....	34	43,422	43,422	(NA)	40,282	82,849
Other governments.....	21	4,283	4,283	(NA)	4,018	13,481
Nonmilitary.....	(NA)	187,666	186,635	1,032	84,421	344,807
U.S. Government.....	11	13,297	13,297	(NA)	9,840	8,297
Other customers.....	41	174,369	173,337	1,032	74,581	336,510
Complete aircraft and parts.....	(NA)	151,364	(D)	(D)	(D)	(D)
Military.....	25	14,748	14,748	(NA)	12,924	43,166
Nonmilitary.....	20	136,616	(D)	(D)	(D)	(D)
Aircraft engines and parts.....	(NA)	20,494	20,494	-	15,513	21,191
Military.....	13	4,206	4,206	(NA)	3,913	1,411
Nonmilitary.....	17	16,288	16,288	-	11,600	19,781
Missile systems and parts, excluding propulsion units.....	7	(D)	(D)	-	(D)	(D)
Engines and/or propulsion units for missile systems, including parts.....	5	(D)	(D)	-	(D)	(D)
Space vehicle systems, including parts, and engines and/or propulsion units for space vehicle systems, including parts 1/.....	23	6,001	6,029	(S)	(D)	(D)
Other aircraft, space vehicle, and missile activities 2/.....	(NA)	12,820	11,879	941	11,220	13,588
Military.....	(NA)	6,382	6,382	(NA)	5,243	7,691
U.S. Government.....	14	(D)	(D)	(NA)	(D)	(D)
Other governments.....	9	(D)	(D)	(NA)	(D)	(D)
Nonmilitary.....	16	6,438	5,497	941	5,977	5,898
Research and development (under contract).....	(NA)	9,708	(D)	(D)	9,588	16,622
Military.....	24	8,649	8,649	(NA)	(D)	(D)
Nonmilitary.....	19	1,059	(D)	(D)	(D)	(D)
All other products and services.....	(NA)	29,873	(D)	(D)	25,102	32,195
Military.....	(NA)	(D)	(D)	(NA)	(D)	(D)
U.S. Government.....	15	(D)	(D)	(NA)	(D)	(D)
Other governments.....	8	(D)	(D)	(NA)	(D)	(D)
Nonmilitary.....	(NA)	(D)	(D)	(D)	(D)	(D)
U.S. Government.....	5	(D)	(D)	(NA)	(D)	(D)
Other customers.....	15	(D)	(D)	(D)	(D)	(D)
2006						
Total.....	37	202,842	201,866	976 r/	155,893 r/	334,489
Military.....	(NA)	67,709	67,709	(NA) r/	72,934 r/	92,924
U.S. Government.....	33	59,453	59,453	(NA) r/	61,864 r/	79,709
Other governments.....	22	8,255	8,255	(NA) r/	11,070 r/	13,216
Nonmilitary.....	(NA)	135,133	134,157	976 r/	82,959 r/	241,565
U.S. Government.....	12	8,889	8,889	(NA)	7,875	4,840
Other customers.....	37	126,245	125,268	976 r/	75,084 r/	236,724
Complete aircraft and parts.....	(NA)	117,129	(D)	(D)	(D)	(D)
Military.....	25	26,210	26,210	(NA)	19,855	41,342
Nonmilitary.....	20	90,919	(D)	(D)	(D)	(D)
Aircraft engines and parts.....	(NA) r/	25,123	(D)	(D) r/	28,600 r/	16,210
Military.....	15	5,075	5,075	(NA) r/	7,406 r/	1,117
Nonmilitary.....	17 r/	20,048	(D)	(D) r/	21,194 r/	15,093

Table 8. Value of Net New Orders, Net Sales, and Backlog of Orders of Complete Aircraft, Space Vehicle, Missiles, and Selected Parts: 2007 and 2006
[Millions of dollars]

Product description	No. of cos.	Net new orders			Shipments (or net sales)	Backlog, end of year
		Total	Prime contract	Sub-contract		
Missile systems and parts, excluding propulsion units	11	(D)	(D)	-	(D)	(D)
Engines and/or propulsion units for missile systems, including parts	6	940	940	-	(D)	(D)
Space vehicle systems, including parts, and engines and/or propulsion units for space vehicle systems, including parts 1/.....	26 r/	5,013	(D)	(D) r/	6,759 r/	13,599
Other aircraft, space vehicle, and missile activities 2/.....	(NA) r/	13,435	(D)	(D)	13,052 r/	11,988
Military.....	(NA)	5,880	5,880	(NA) r/	7,669 r/	6,553
U.S. Government.....	14	(D)	(D)	(NA)	(D)	(D)
Other governments.....	11	(D)	(D)	(NA)	(D)	(D)
Nonmilitary.....	16 r/	7,555	(D)	(D) r/	5,384 r/	5,435
Research and development (under contract).....	(NA) r/	11,909	(D)	(D) r/	18,131 r/	16,501
Military.....	23 r/	10,844 r/	10,844	(NA) r/	16,938 r/	15,556
Nonmilitary.....	19 r/	1,065	(D)	(D) r/	1,193 r/	945
All other products and services.....	(NA)	(D)	(D)	(D)	(D)	(D)
Military.....	(NA)	10,755	10,755	(NA)	10,180	13,184
U.S. Government.....	15	(D)	(D)	(NA)	(D)	(D)
Other governments.....	8	(D)	(D)	(NA)	(D)	(D)
Nonmilitary.....	(NA)	(D)	(D)	(D)	(D)	(D)
U.S. Government.....	6	(D)	(D)	(NA)	(D)	(D)
Other customers.....	18	(D)	(D)	(D)	(D)	(D)

- Represents zero. D Withheld to avoid disclosing data for individual companies. NA Not available.

r/Revised by 5 percent or more from previously published data. S Does not meet publication standards.

1/Data for "Space vehicle systems and parts, excluding propulsion units" are included with data for "Engines and/or propulsion units for space vehicles, including parts."

2/Data for "Other missile activities" are included with data for "Other aircraft and space vehicles."

Note: Net new orders represent new orders received during the year, less terminations during the year. In some cases current backlog will not equal the backlog for the previous period, plus current net new orders, minus current shipments. This is primarily due to respondents changing their accounting procedures from one year to the next. The data for these respondents was not changed to force a balance. Significant imbalances due to reporting errors were investigated and corrected. Detail items may not add to total because of independent rounding.

HISTORICAL NOTE

The Census Bureau has collected data on civilian aircraft and aircraft engines since 1946, and on the development and production of aerospace products since 1948.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.