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Research and Innovative Technology Administration BTS Data

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August 2006 Passenger Airline Employment Down 3.1 Percent from August 2005

U.S. scheduled passenger airlines employed 3.1 percent fewer workers in August 2006 than in August 2005, the smallest drop since April 2005 in full-time equivalent employee (FTE) levels for the scheduled passenger carriers from the same month of the previous year, the U.S. Department of Transportation's Bureau of Transportation Statistics (BTS) reported today (Table 2).

BTS, a part of the Research and Innovative Technology Administration (RITA), reported that the August 2006 FTE total was the second consecutive monthly increase over the prior month's FTE total. It was the first July-to-August increase since 2003 (Table 3). FTE calculations count two part-time employees as one full-time employee.

The 3.1 percent dip in FTE's from August 2005 to August 2006 was the second time in 13 months that the year-to-year decline was less than 5 percent (Table 1).

Adding FTEs from August 2005 to August 2006 were network carriers Continental Airlines and Alaska Airlines (Table 9), low-cost carriers Southwest Airlines, America West Airlines, JetBlue Airways, AirTran Airways and Frontier Airlines (Table 12), and regional carrier SkyWest Airlines as well as other regional carriers (Table 15).

Scheduled passenger airlines include network, low-cost, regional and other airlines. Many regional carriers were not required to report employment numbers before 2003, so year-to-year comparisons involving regional carriers, or the total industry, are not available for the years before 2003.

The seven network carriers employed 265,000 FTEs in August, 65.5 percent of the passenger airline total, while low-cost carriers employed 17.4 percent and regional carriers employed 13.8 percent (Table 4). The network carriers have employed fewer FTEs each August compared to the previous year since 2002, the only carrier group to do so (Table 5).

American Airlines employed the most FTEs in August among the network carriers, Southwest Airlines employed the most among low-cost carriers and American Eagle Airlines employed the most among regional carriers. Seven of the top 10 employers in the industry are network carriers (Table 6).

AIRLINE EMPLOYMENT PRESS RELEASE ADD ONE

Network Airlines

Network carrier FTEs declined 4.7 percent in August 2006 compared to August 2005 (Table 7). Numbers from previous years were reported in BTS' Feb. 21 press release http://www.bts.gov/press_releases/2006/bts009_06/html/bts009_06.html.

Two network carriers increased FTEs from August 2005 to August 2006. Continental's workforce grew 5.2 percent while Alaska Airlines rose 5.8 percent (Table 9).

Network carrier FTEs dropped from 371,700 in August 2002 to 264,800 in August 2006, a four-year decline of 28.8 percent (Table 8).

FTEs at all seven network carriers declined in August 2006 from August 2002. The biggest percentage declines were at US Airways, down 43.5 percent, a reduction of 14,700 FTEs, and United Airlines, down 33.3 percent, a reduction of 26,600 FTEs. Collectively, the seven network carriers reduced their FTE headcount by 106,900 over the four-year period (Table 9).

Network carriers operate a significant portion of their flights using at least one hub where connections are made for flights to down-line destinations or spoke cities.

Data for US Airways and America West Airlines, now in the process of merging operations, are separately reported – US Airways' data are included in the network carriers' category and America West's in the low-cost carriers' category.

Low-Cost Airlines

Low-cost carrier FTEs declined 0.8 percent in August 2006 compared to August 2005, the 17th consecutive month of decreases from the previous year but the smallest decrease since August 2005 (Table 10). The 70,500 FTEs employed by the seven low-cost carriers in August account for 17.4 percent of the passenger airline total (Tables 11 and 4).

The five largest low-cost carriers all increased FTEs from August 2005 to August 2006. JetBlue reported a 24.1 percent rise, the most of any carrier (Table 12).

Low-cost carrier FTEs were 66,500 in August 2002, 71,100 in August 2005 and 70,500 in August 2006. The increase from 2002 to 2006 was 6.0 percent (Table 4).

Low-cost carriers are those that the industry generally recognizes as operating under a low-cost business model with fewer infrastructure costs and greater productivity output.

Employment data for Independence Air, which changed its business model from a regional to low-cost carrier in mid-2004, have been included with low-cost carriers for 2003, 2004 and 2005 for consistency. The airline discontinued all flights on Jan. 5.

AIRLINE EMPLOYMENT PRESS RELEASE ADD TWO

Regional Airlines

Regional carrier FTEs were down 2.8 percent in August compared to August 2005 (Table 13).

SkyWest reported the largest increase in the group, employing 5.5 percent more FTEs in August 2006 than August 2005 (Table 15).

Regional carrier FTEs rose from 41,800 in August 2003 to 55,600 in August 2006, an increase of 33.2 percent (Table 14).

The seven regional carriers reporting employment data in both 2002 and 2006 employed 8.4 percent more FTEs in August 2006 than in August 2002. Of that group, Air Wisconsin and Mesaba Airlines were the only carriers to report fewer FTE's in August 2006 than August 2002 (Table 15).

Regional carriers provide service from small cities, using primarily regional jets to support the network carriers' hub and spoke systems.

Reporting Notes

Airlines that operate at least one aircraft with the capacity to carry combined passengers, cargo and fuel of 18,000 pounds – the payload factor – must report monthly employment statistics.

The Other Carrier category generally reflects those airlines that operate within specific niche markets, such as Aloha and Hawaiian Airlines in serving the Hawaiian Islands.

Data are compiled from monthly reports filed with BTS by commercial air carriers as of Oct. 11.

Additional airline employment data can be found on the BTS website at http://www.bts.gov/programs/airline_information/number_of_employees/. BTS has scheduled release of September airline employment data for Nov. 21.

AIRLINE EMPLOYMENT PRESS RELEASE ADD THREE

Table 1: Passenger Airline Full-time Equivalent Employees* Change from the Previous Year

Percent change compared to same month the previous year for the most recent 13 months

Month	Network Carriers (Pct. Change)	Low-Cost Carriers** (Pct. Change)	Regional Carriers (Pct. Change)	Passenger Airlines*** (Pct. Change)
Aug. 2004-Aug. 2005	-9.0	-0.7	3.9	-5.7
Sept. 2004-Sept. 2005****	-8.9	-1.0	3.4	-5.8
Oct. 2004-Oct. 2005	-8.9	-1.0	2.4	-5.8
Nov. 2004-Nov. 2005	-9.3	-2.3	0.1	-6.5
Dec. 2004-Dec. 2005	-8.5	-1.4	0.0	-5.9
Jan. 2005-Jan. 2006	-7.8	-5.3	-1.8	-6.1
Feb. 2005-Feb. 2006	-7.8	-4.1	-1.2	-5.8
Mar. 2005-Mar. 2006	-7.4	-3.0	-1.9	-5.4
Apr. 2005-Apr. 2006	-6.7	-2.2	-1.6	-4.8
May 2005-May 2006	-7.0	-2.1	-3.5	-5.0
June 2005-June 2006	-6.9	-2.0	-3.6	-5.0
July 2005-July 2006	-8.1	-2.6	-2.7	-5.9
Aug. 2005-Aug. 2006	-4.7	-0.8	-2.8	-3.1
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Source: Bureau of Transportation Statistics

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**}Employment numbers in 2003, 2004 and 2005 for Independence Air, which changed its business model from a regional to low-cost carrier in mid-2004, are included with low-cost carriers. The airline discontinued flights on Jan. 5, 2006.

^{***} Includes network, low-cost, regional and other carriers. Other Carriers generally operate within specific niche markets. They are: Allegiant Air, Aloha Airlines, Casino Express Airlines, Continental Micronesia, Hawaiian Airlines, Midwest Airlines, Shuttle America, Sun Country Airlines, TransMeridian Airlines, USA3000 Airlines.

^{****} Atlantic Southeast Airlines was granted an extension for the filing of September 2005 employment numbers. For year-to-year comparison purposes, its numbers are not included in September 2004. Note: Percent changes based on numbers prior to rounding.

Table 2: Total Passenger Airline* Full-time Equivalent Employees** Change from the Previous Year

Percent change compared to same month the previous year

Month	2003	2004	2005	2006
January	-1.0	-6.0	-1.2	-6.1
February	-1.7	-5.3	-1.4	-5.8
March	-2.8	-4.1	-1.9	-5.4
April	-4.4	-2.3	-3.1	-4.8
May	-6.7	-0.8	-3.5	-5.0
June	-8.3	0.5	-3.8	-5.0
July	-9.6	2.5	-3.5	-5.9
August	-9.5	2.2	-5.8	-3.1
September***	-9.3	2.4	-5.8	
October	-10.4	2.5	-6.1	
November	-9.2	2.2	-6.5	
December	-8.3	0.9	-5.9	
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Source: Bureau of Transportation Statistics

Table 3: Total Passenger Airline* Full-time Equivalent Employees** by Month

Numbers in thousands (000's)

Month 2003 2004	2005	2006	Percentage Change 2003-2006
January 465 43		405	-12.9%
February 459 43	5 429	404	-12.0%
March 454 43	6 428	405	-10.9%
April 445 43	5 421	404	-9.9%
May 443 44	0 424	403	-9.1%
June 439 44	1 424	403	-8.2%
July 433 44	4 428	403	-7.0%
August 433 44	3 418	404	-6.7%
September 430 44	0 414		
October 428 43	9 413		
November 430 43	9 411		
December 430 43	4 409	_	
Monthly Average 441 43	9 421	_	
JanAug. Average 447 43	9 426	404	-9.6%

Source: Bureau of Transportation Statistics

Note: Percent changes and averages based on numbers prior to rounding.

^{*} Includes network, low-cost, regional and other carriers.

^{**} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{***} Atlantic Southeast Airlines was granted an extension for the filing of September 2005 employment numbers. For year-to-year comparison purposes, its numbers are not included in September 2004. Note: Percent changes based on numbers prior to rounding.

^{*} Includes network, low-cost, regional and other carriers.

^{**} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

AIRLINE EMPLOYMENT PRESS RELEASE **ADD FIVE**

Table 4: Total Number of Full-time Equivalent Employees* by Carrier **Group, August 2002-2006**

FTE Numbers in thousands (000's)

	Network	Low-Cost	Regional	All Passenger Airlines**
2002	372	67	31	479
2003	311	71	42	433
2004	305	72	55	443
2005	278	71	57	418
2006	265	71	56	404
Pct. Change 2002-2006***	-28.8%	6.0%	33.2%	-15.5%
Percent of Total Passenger Airline Employees in 2006	65.5%	17.4%	13.8%	

Source: Bureau of Transportation Statistics

Note: Percent changes based on numbers prior to rounding.

Table 5: Full-time Equivalent Employees* by Carrier Group, Year-to-Year Change, August 2002-2006

Percent Change from the previous year

·	Network	Low-Cost	Regional	All Passenger Airlines**
2002	-14.2	2.3	18.4	-10.3
2003	-16.4	6.5	36.8	-9.5
2004	-1.7	1.1	31.6	2.2
2005	-9.0	-0.7	4.1	-5.8
2006	-4.7	-0.8	-2.8	-3.1

Source: Bureau of Transportation Statistics

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**} Includes network, low-cost, regional and other carriers.

^{***} Percent change comparison for regional airlines and for all passenger airlines is for 2003 to 2006 because of the number of airlines in these categories that did not meet the standard for reporting monthly employment numbers.

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**} Includes network, low-cost, regional and other carriers.

AIRLINE EMPLOYMENT PRESS RELEASE ADD SIX

Table 6: Top 10 Airlines, August 2006
Ranked by Number of Full-Time Equivalent Employees*

Rank	Airline	Total FTE Employees (000)	Carrier Group	August 2005 Rank	August 2004 Rank
1	American	73	Network	1	1
2	United	53	Network	2	2
3	Delta	45	Network	3	3
4	Continental	34	Network	5	5
5	Southwest	32	Low-Cost	6	6
6	Northwest	30	Network	4	4
7	US Airways	19	Network	7	7
8	America West	13	Low-Cost	8	8
9	JetBlue	10	Low-Cost	12	14
10	Alaska	10	Network	10	9

Source: Bureau of Transportation Statistics

Table 7: Network Airline Full-time Equivalent Employees* Change from the Previous Year

Percent change compared to same month the previous year

Month	2003	2004	2005	2006
January	-5.3	-12.5	-4.3	-7.8
February	-10.7	-11.0	-4.7	-7.8
March	-8.2	-8.7	-5.0	-7.4
April	-10.0	-6.6	-6.5	-6.7
May	-12.7	-4.9	-6.6	-7.0
June	-14.4	-3.6	-7.0	-6.9
July	-15.8	-2.0	-5.6	-8.1
August	-16.4	-1.7	-9.0	-4.7
September	-16.6	-1.7	-8.9	
October	-16.6	-1.7	-8.9	
November	-15.4	-1.7	-9.3	
December	-14.1	-3.4	-8.5	

Source: Bureau of Transportation Statistics

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

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Table 8: Network Carrier Full-time Equivalent Employees* by Month Numbers in thousands (000's)

	2002	2003	2004	2005	2006	Percent Change 2002-2006
January	368	349	305	293	270	-26.8
February	364	342	305	290	268	-26.4
March	364	334	305	289	268	-26.3
April	363	327	306	286	267	-26.7
May	369	322	306	286	266	-27.9
June	371	318	306	285	265	-28.6
July	371	313	306	289	265	-28.7
August	372	311	305	278	265	-28.8
September	369	308	302	275		
October	369	308	302	275		
November	361	305	300	272		
December	356	306	296	271		
Monthly Average	366	320	304	282		
JanAug. Average	368	327	305	287	267	-27.5

Source: Bureau of Transportation Statistics

Table 9: Network Carrier Full-time Equivalent Employees*, August 2002-2006 (Ranked by August 2006 FTE Employees) Numbers in thousands (000's)

Rank		2002	2003	2004	2005	2006	Percent Change 2002- 2006
1	American	100	82	80	76	73	-26.4
2	United	80	60	58	54	53	-33.3
3	Delta	66	59	58	52	45	-31.9
4	Continental	37	35	35	33	34	-7.1
5	Northwest	45	39	38	33	30	-32.8
6	US Airways	34	26	26	21	19	-43.5
7	Alaska	10	10	10	9	10	-7.9
	Total	372	311	305	278	265	-28.8

Source: Bureau of Transportation Statistics

Note: Detail may not add to total due to rounding

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee. Note: Percent changes and averages based on numbers prior to rounding.

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

AIRLINE EMPLOYMENT PRESS RELEASE ADD EIGHT

Table 10: Change in Low-Cost Airline Full-time Equivalent Employees* from the Previous Year

Percent change compared to same month the previous year

Month	2003	2004	2005	2006
January	9.2	8.5	0.4	-5.3
February	8.5	6.9	0.6	-4.1
March	14.1	0.5	0.0	-3.0
April	12.4	0.6	-0.7	-2.2
Мау	11.7	0.8	-1.0	-2.1
June	10.0	1.5	-1.1	-2.0
July	4.2	2.3	-1.5	-2.6
August	9.6	1.1	-0.7	-0.8
September	9.8	0.7	-1.0	
October	9.8	0.7	-1.0	
November	9.0	0.6	-2.5	
December	1.7	0.5	-1.4	

Source: Bureau of Transportation Statistics

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee. Note: Employment numbers in 2003, 2004 and 2005 for Independence Air, which changed its business model from a regional to low-cost carrier in mid-2004, are included with low-cost carriers. The airline discontinued flights on Jan. 5, 2006.

AIRLINE EMPLOYMENT PRESS RELEASE ADD NINE

Table 11: Low-Cost Carrier Full-time Equivalent Employees* by Month Numbers in thousands (000's)

	2002	2003**	2004**	2005**	2006	Percent Change 2002-2006
January	60	66	71	72	68	12.8
February	61	66	70	71	68	11.9
March	62	70	71	71	69	11.2
April	63	70	71	70	69	9.8
May	63	71	71	71	69	9.2
June	64	71	72	71	69	8.1
July	68	71	72	71	69	2.3
August	65	71	72	71	71	6.0
September	64	71	71	71		
October	64	71	71	70		
November	66	72	72	70		
December	66	67	72	71		
Monthly Average	64	70	71	71		
JanAug. Average	63	69	71	71	69	8.8
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Source: Bureau of Transportation Statistics

Note: Percent changes and averages based on numbers prior to rounding.

Note: Detail may not add to total due to rounding

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**} Employment numbers in 2003, 2004 and 2005 for Independence Air, which changed its business model from a regional to low-cost carrier in mid-2004, are included with low-cost carriers. The airline discontinued flights on Jan. 5, 2006.

AIRLINE EMPLOYMENT PRESS RELEASE ADD TEN

Table 12: Low-Cost Carrier Full-time Equivalent Employees* August 2002-2006 (Ranked by August 2006 FTE Employees)

Numbers in thousands (000's)

Rank		2002	2003**	2004**	2005**	2006	Percent Change 2002-2006
1	Southwest	34	33	31	31	32	-4.5
2	America West	12	11	11	12	13	7.0
3	JetBlue	3	5	6	8	10	212.4
4	AirTran	5	5	6	6	7	56.9
5	Frontier	3	3	4	4	5	70.6
6	ATA	7	7	7	4	3	-61.5
7	Spirit	2	2	2	2	2	-14.4
8	Independence	N/A	4	4	3	N/A	N/A
	Total****	65	71	72	71	71	9.3

Source: Bureau of Transportation Statistics

Note: Percent changes based on numbers prior to rounding.

Note: Detail may not add to total due to rounding

N/A: Not applicable because carriers did not meet the standard for filing.

Table 13: Change in Regional Airline Full-time Equivalent Employees* from the Previous Year

Percent change compared to same month the previous year

	2004**	2005	2006
January	16.9	15.8	-1.8
February	18.0	13.8	-1.2
March	20.0	13.3	-1.9
April	22.1	12.2	-1.6
May	23.5	10.9	-3.5
June	25.8	10.0	-3.6
July	31.4	4.9	-2.7
August	31.8	3.9	-2.8
September	36.9	3.4	
October	32.6	2.4	
November	32.3	0.1	
December	18.7	0.0	

Source: Bureau of Transportation Statistics

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**}Employment numbers in 2003, 2004 and 2005 for Independence Air, which changed its business model from a regional to low-cost carrier in mid-2004, are included with low-cost carriers. The carrier did not meet the standard for filing in previous years. The airline discontinued flights on Jan. 5, 2006.

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**} Four regional airlines, Mesa, Pinnacle, GoJet and PSA, did not meet the reporting standard in 2003. Mesa and Pinnacle began reporting employment numbers in 2004, Pinnacle began reporting in 2005 while GoJet began reporting in 2006. Note: Percent changes based on numbers prior to rounding.

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Table 14: Regional Carrier Full-time Equivalent Employees* by Month Numbers in thousands (000's)

	2003**	2004	2005	2006	Percent Change 2003-2006
January	41	48	58	55	33.7
February	41	49	56	55	33.3
March	41	50	56	55	33.3
April	41	50	57	55	36.8
May	42	51	57	55	32.1
June	41	52	57	55	33.6
July	41	54	57	56	34.3
August	42	55	57	56	33.2
September	36	49	51		
October	42	55	57		
November	42	56	56		
December	43	55	55		
Monthly Average	41	52	57		
JanAug. Average	41	51	57	55	33.4

Source: Bureau of Transportation Statistics

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**} Note: Four regional airlines, Mesa, Pinnacle, GoJet and PSA, did not meet the reporting standard in 2003. Mesa and Pinnacle began reporting employment numbers in 2004, Pinnacle began reporting in 2005 while GoJet began reporting in 2006.

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Table 15: Regional Carrier Full-time Equivalent Employees*, August 2002-2006 (Ranked by August 2006 FTE Employees)

Rank		2002	2003	2004	2005	2006	Percent Change 2002-2006
1	American Eagle	8,605	7,474	8,793	9,408	9,153	6.4
2	SkyWest	N/A	5,229	6,588	7,875	8,308	N/A
3	Express Jet	5,569	5,722	6,264	6,530	6,798	22.1
4	Comair	N/A	5,617	5,878	6,604	5,987	N/A
5	Atlantic Southeast	4,802	5,360	5,736	5,540	5,593	16.5
6	Horizon	3,491	3,348	3,344	3,427	3,602	3.2
7	Mesa	N/A	N/A	3,842	3,330	3,378	N/A
8	Pinnacle	N/A	N/A	2,303	3,094	3,041	N/A
9	Mesaba	3,255	3,039	3,122	3,365	2,685	-17.5
10	Air Wisconsin	2,710	2,641	3,810	3,103	2,233	-17.6
11	Executive	1,117	1,877	1,986	1,784	1,797	60.9
12	PSA	N/A	N/A	1,895	1,699	1,453	N/A
13	Trans States	991	1,144	1,411	1,442	1,255	26.6
14	GoJet	N/A	N/A	N/A	N/A	329	N/A
	Total**	30,540	41,451	54,972	57,201	55,612	8.4

Source: Bureau of Transportation Statistics

Note: Detail may not add to total due to rounding

N/A: Not applicable because carriers did not meet the standard for filing.

^{*} Full-time Equivalent Employee (FTE) calculations count two part-time employees as one full-time employee.

^{**} Many regional carriers were not required to report employment numbers before 2003, so year-to-year comparisons involving regional carriers, or the total industry, are not appropriate for the years before 2003. The Percent Change 2002-2006 is based on the seven carriers reporting in both years.