

1998

Airport Traffic Report

JOHN F. KENNEDY INTERNATIONAL AIRPORT

NEWARK INTERNATIONAL AIRPORT

LAGUARDIA AIRPORT

TETERBORO AIRPORT

DOWNTOWN MANHATTAN HELIPORT

THE PORT AUTHORITY OF NY & NJ



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John F. Kennedy International Airport

OPERATED BY

John F. Kennedy International Airport (JFK) is operated by The Port Authority of New York and New Jersey, under a lease with the City of New York since June 1, 1947.

LOCATION

JFK International is located in the southeastern section of Queens County, New York City, on Jamaica Bay. It is fifteen miles by highway from midtown Manhattan.

SIZE

JFK consists of 4,930 acres, including 880 acres in the Central Terminal Area. The airport has more than 30 miles of roadway.

HISTORY

Construction began in April 1942, when the City of New York contracted for the placing of hydraulic fill over the marshy tidelands on the site of Idlewild Golf Course, on what was to be a 1,000-acre airport. First commercial flights began July 1, 1948. The airport was rededicated on December 24, 1963, as John F. Kennedy International Airport, following action of the Mayor and Council of the City of New York and resolution by the Commissioners of the Port Authority.

INVESTMENT

About \$150 million was expended by the City of New York on original construction. Through December 1998, the Port Authority's capital investment in the airport was approximately \$2.6 billion.

EMPLOYMENT AND ECONOMIC IMPACT

JFK International and its environs contribute \$20.4 billion in economic activity to the NY/NJ region. That total includes \$6.6 billion in wages and salaries. JFK International is a major economic force in the region providing 207,700 jobs through on- and off-airport aviation and indirectly related businesses. Some 37,000 people are employed at the airport.

REDEVELOPMENT PROGRAM

The Redevelopment Program consists of Port Authority and tenant construction and expansion programs. It includes the modernization of the tenant airline terminals as well as a new Air Traffic Control Tower, a quadrant roadway system, new

parking garages, that will connect with a light rail network that will link the passenger terminals and connect with the city subway and Long Island railroad.

CENTRAL TERMINAL AREA

JFK has nine airline passenger terminals in the center of the airport, surrounded by a dual ring of peripheral taxiways. Initially 655 acres, the Central Terminal Area (CTA) was enlarged to 880 acres by relocation of the taxiways to provide space needed for expansion of the passenger terminals. There are about 173 aircraft gate positions serving the various terminals. The Central Terminal Area facilities also include a central heating and air-conditioning plant.

Terminals

A consortium of airlines — Air France, Japan Airlines, Korean Air and Lufthansa — built a new 11-gate international **Terminal 1** that opened in May 1998 on the site of the old **Terminal One**, formerly the Eastern Air Lines Terminal.

In November 1991, Delta Air Lines assumed many of Pan Am's routes and both of its terminals, now called **Terminal 2** and **Terminal 3**. Delta is investing \$150 million to renovate the terminals. The renovation, which is almost completed, consists of redesigned first and business class lounges, new ticket counters, new lighting and flooring, and new baggage facilities.

Opened in 1958 **Terminal 4**, the former International Arrivals Building, has 35 aircraft positions and serves about 25 airlines. Under a long-term lease with JFK and **International Air Terminal LLC**, a \$1.2 billion expansion and renovation of Terminal 4 is under way. The new terminal will consist of a three-level facility for ticketing, baggage handling and Federal Inspection facilities tied to renovated concourses, with additional gates for domestic flights and convenient accommodation for commuter aircraft.

United, American and Pan American each opened a terminal in 1957. Trans World Airlines and Northwest Airlines opened **Terminals 5 and 6** in 1962 and 1969 respectively.

In 1991, British Airways completed a \$120 million expansion of **Terminal 7**, which opened in 1970. United Airlines is now a tenant with six gates in the modernized terminal.

American Airlines is completing its \$220 million program to consolidate and upgrade its terminal facilities. **Terminal 8** serves international and Caribbean destinations.

Terminal 9 serves American's domestic and Puerto Rico destinations and is connected to the international terminal.

Tower Air has invested more than \$10 million dollars in its headquarters at JFK, including its offices in Hangar 17, the renovating and expanding of Building 213 for its new terminal in 1993, and in 1995 constructing a new finger with three additional gates.

Approximately 125 domestic and international carriers serve JFK International.

Air Traffic Control Tower

The modern Air Traffic Control Tower, built in 1994, soars 321 feet tall and includes state-of-the-art communications, radar and windshear alert systems.

Roadway Access

Work on a new quadrant roadway system is almost complete with the opening of a High Occupancy Vehicle (HOV) bridge for buses and vans, new ramps providing direct access to Terminals 4, 5 and 6, and Terminal 7 the British Airways terminal. Still to come are access improvements to the other terminals, and added vehicle frontage capacity at each of the terminals.

PARKING

The airport's total of over 11,000 public spaces include the employee lot, the long term parking lots, a 1400-car parking garage near Terminal 4 and a second parking garage in the green area which opened in May 1998.

RUNWAYS

The runway system consists of two pairs of parallel runways (4L-22R, 4R-22L and 13L-31R, 13R-31L) aligned at right angles. Total runway length is nine miles. All runways have high intensity runway edge lighting, centerline and taxiway exit lighting, and are grooved to improve skid resistance and minimize hydroplaning. A 500'x150' aircraft arrestor bed has been installed at the end of Runway 4R.

TAXIWAYS

Taxiways total 25 miles in length. Standard width is 75 feet, with 25-foot heavy duty shoulders and 25-foot erosion control pavement on each side. The taxiway centerline light system has largely displaced the edge light system previously used. A sign system, illuminated at night, provides directional information for taxiing aircraft.

Newark International Airport

OPERATED BY

Newark International Airport (EWR) is operated by The Port Authority of New York and New Jersey under a lease with the City of Newark dated March 22, 1948.

LOCATION

EWR is located in Essex and Union Counties between the New Jersey Turnpike (accessible from Exits 13A and 14) and U.S. Routes 1 and 9 and I-78, about 16 miles from midtown Manhattan.

SIZE

EWR consists of 2,027 acres, of which 880 acres were acquired by the Port Authority since it began operating the airport in 1948.

HISTORY

Opened on October 1, 1928, the metropolitan region's first major airport was begun by the City of Newark on 68 acres of swamp and quickly became the world's busiest commercial airport. During World War II, it was operated by the Army Air Corps. In 1948 the Port Authority assumed responsibility for its operation and development. The Port Authority added an instrument runway, a new terminal building, a new Control Tower and an air cargo center.

Traffic grew steadily. A new Central Terminal Area was constructed and opened in 1973. A new Runway 4L-22R was commissioned in 1970; Runway 4R-22L was rebuilt and extended to 9,300 feet and reopened in 1973.

Other construction during the early 1970's included the Port Authority Administration Building, Central Heating and Refrigeration Building, a Fuel Storage Tank Farm, taxiways and roadways.

In 1989, a new two-building maintenance complex opened to house structural construction and repair equipment, a large garage for runway snow removal and deicing equipment, the "snow desk" or command center for snow emergencies, and the first cafeteria for all employees.

Newark has experienced rapid growth in international air service since 1989. Today international carriers offer service to many destinations around the world. A new international arrivals facility opened in January 1996 and the monorail began operation in May 1996.

INVESTMENT

The City of Newark spent over \$8.2 million on construction and development of the airport. The United States Government spent over \$15.1 million prior to 1948. Through the end of 1998, the Port Authority has invested approximately \$1.9 billion at the airport.

EMPLOYMENT AND ECONOMIC IMPACT

Over 18,000 people are employed at the airport. EWR contributes \$11.1 billion in economic activity to the NY/NJ metropolitan region including \$3.6 billion in wages and salaries. EWR is a major economic contributor to the region providing 110,000 jobs with on-and off-airport aviation and indirectly related businesses.

CENTRAL TERMINAL AREA

The 425-acre oval central terminal area was built as part of a large-scale airport redevelopment program in the 1960's and early 1970's.

Construction of Terminals A and B began in October 1967; their shells were completed in 1972. The airlines began operations in Terminal A on August 1973 and in Terminal B in September 1973. Each main terminal measures 800 by 165 feet.

Terminal C was redesigned and enlarged in May 1988. Continental Airlines completed an extension to Terminal C to serve its fast growing commuter traffic.

REDEVELOPMENT PROGRAM

Newark's capital program includes a new International Arrivals facility, modernizing Terminals A and B, a new monorail system and improving on and off airport access roadways.

Monorail

A high-speed monorail system opened in May 1996. It whisks passengers between terminals, Parking Lots D and E, and rental car facilities.

New International Facility

A new \$117 million international facility located in Terminal B opened in January 1996. It has 15 international arrivals gates and is capable of processing 3,000 arriving passengers per hour. A new modern international Meet-greeter hall opened in August 1998.

Roadways

In order to reduce airport congestion and improve airport access, roadway plans provide for new roads and modifications to existing roads. Improvements for better car and bus access to monorail stations in Long Term Parking Lots D and E have been completed.

Terminals

A multi-million dollar modernization program of the public common areas in Terminal A and Terminal B have been completed. Delta has completed the \$5.5 million modernization of its gate area shared with Northwest in Terminal B, and Northwest has upgraded its boarding and baggage areas. It has built a 13,700 square-foot expansion to the terminal connector and added new retail and passenger services.

American has completed a \$12 million expansion and renovation program including the construction of an Admirals Club and expansion of the outbound baggage system. US Airways has renovated its area and plans to build new ticket counters. United built a larger Red Carpet Room and revamped its spaces.

Approximately 60 scheduled airlines operate out of EWR International.

PARKING

The airport provides roughly 20,000 parking spaces. There are about 17,000 public parking spaces, including hourly, daily and long-term lots, and more than 3,000 employee parking spaces.

RUNWAYS

The runway system consists of two parallel runways (4R-22L and 4L-22R) and a third runway, 11-29, which is primarily used for commuter traffic. Runway 4R-22L is 9,980 feet long by 150 feet wide and Runway 4L-22R is 10,000 feet long by 150 feet wide.

Both runways have displaced thresholds to minimize noise effects. High intensity runway edge and centerline, as well as high speed exit taxiway centerline lighting on taxiways complete the visual aids package.

TAXIWAYS

More than 12 miles of 75-foot wide taxiways, entirely equipped with centerline lighting, link the three runways with the central terminal and cargo areas. Taxiways also have erosion control pavement on each side.

LaGuardia Airport

OPERATED BY

LaGuardia Airport (LGA) is operated by The Port Authority of New York and New Jersey under a lease with the City of New York since June 1, 1947.

LOCATION

LGA is located in the Borough of Queens, New York City, bordering on Flushing Bay and Bowerly Bay. It is eight miles from midtown Manhattan.

SIZE

LGA consists of 680 acres and has 72 aircraft gates.

HISTORY

The site was first occupied by Gala Amusement Park. Transformed in 1929 into a 105-acre private flying field. It was first named Glenn H. Curtiss Airport and later North Beach Airport. Taken over by New York City, it was enlarged by purchase of adjoining land and by filling in 357 acres of waterfront along the east side. Ground was broken on September 9, 1937 for a new airport, which was built jointly by the city and the Federal Works Progress Administration. It was dedicated on October 15, 1939 as New York City Municipal Airport. On November 2, 1939, the name was changed to New York Municipal Airport-LaGuardia Field. On December 2 of that year, it was opened to commercial traffic.

In 1947, the year the airport was leased to the Port Authority, it was renamed LaGuardia Airport. A large new Central Terminal Building was opened in 1964 and enlarged in 1967 and again in 1992.

Delta Airlines Terminal

Constructed by Delta Air Lines at the east end of the airport, it opened in June 1983. The terminal has ten aircraft gate positions.

Marine Air Terminal

Once called the Overseas Terminal, this was the original airport terminal building built near the bay to serve the era's flying boats. It is used by commuter airlines, air taxis, private aircraft and a private weather service. On September 1, 1991 Delta commenced Shuttle operations to Boston and Washington, D.C. at the Marine Air Terminal.

Approximately 24 scheduled airlines operate out of LaGuardia.

INVESTMENT

Original construction by the City of New York cost \$40 million. The Port Authority's total capital investment in LaGuardia Airport as of December 1998 was over \$790 million.

EMPLOYMENT AND ECONOMIC IMPACT

There are approximately 9,000 persons employed at the airport. LGA contributes \$6.1 billion in economic activity to the NY/NJ metropolitan area. This includes \$2.0 billion in wages and salaries and over 63,000 jobs generated by on-and off-airport aviation and indirectly related businesses.

REDEVELOPMENT PROGRAM

The LaGuardia Redevelopment Program is expected to total over \$800 million by the end of the decade. The program includes expanding and modernizing the Central Terminal Building, reconfiguring and widening roadways, a recently completed passenger terminal at the east end of the airport, airlines modernization of gate areas and passengers service areas, and runway and taxiway improvements.

Central Terminal Building (CTB)

Dedicated on April 17, 1964, this terminal serves the most scheduled domestic airlines. It is 1,300 feet long and 180 feet wide, with approximately 750,000 square feet of floor space. Originally constructed at a cost of \$36 million, six-block-long structure consists of a four-story central section, two three-story wings, and four concourses leading to 38 aircraft gate positions.

The expansion of the arrivals area was opened for use in late 1992. The 56,000 square foot expansion provides an enlarged common circulation corridor and adds exclusive baggage claim space. American, United and TWA have completed a modernization of their ticketing and gate areas on the departures level.

The \$47 million redevelopment of the center section of the CTB is now complete. The project created a spectacular concession environment, including new retail stores and a food court.

Roadways

Three lanes were added to the CTB departures level roadway in mid-1991 and a three-lane arrivals roadway and canopies was completed in January 1994.

US Airways Terminal

On September 12, 1992, US Airways new \$200 million terminal opened for business at the east end of the airport. The 12-gate terminal is connected to the US Airways Shuttle Terminal and features approximately 300,000 square feet of floor space and a food and retail concessions court.

PARKING

The airport provides a total of 10,400 parking spaces. This includes employee parking, and 7,500 public spaces — including hourly, metered and parking garage spaces. Completed at the end of 1976 at a cost of \$30 million, the five-level Parking Garage can accommodate approximately 3,000 cars. On October 4, 1998, Lot 3 with 930 spaces was designated as a Long-Term Lot.

Downtown Manhattan Heliport

OPERATED BY

The Port Authority of New York and New Jersey.

LOCATION

Just above the Battery on Pier 6, East River, between the north side of Pier 5 and the south side of Pier 8. The heliport is convenient to the major air traffic-generating center of the downtown Manhattan/Wall Street area. Direct highway access is available to users via the FDR Drive on the East side of Manhattan and the West Side Highway on the west side. The entrance to the heliport is south of the beginning of the FDR Drive, directly opposite the Vietnam Veteran Plaza. The heliport is only seven minutes by helicopter from Newark International or LaGuardia Airports, eight minutes from John F. Kennedy International Airport, and 15 minutes from Morristown (N.J.) Airport.

SIZE

Total Square Footage – 84,000; Pier – 550 ft. x 85 ft.; Barge – 90 ft. x 300 ft.; Parking – 12 Helicopters, 18 cars.

HISTORY

Built and operated by The Port Authority of New York and New Jersey on a site leased from the City of New York. Opened December 8, 1960, it was the second commercial heliport in Manhattan, and was the first in the U.S. to be certified for scheduled passenger helicopter service by the Federal Aviation Administration. The Downtown Heliport was reconstructed in 1987 and is one of four FAA-designated national demonstration projects for the latest developments in equipment to enhance helicopter operations.

FACILITIES

The new heliport has increased helicopter parking and accommodates helicopters up to 50,000 pounds. It is also the first public heliport with a semi-automatic fire protection foam system, and the first to use a barge for aircraft parking. The new heliport's terminal building is one of the most advanced in the industry. The terminal offers administrative office space, superior package and breakdown areas for courier operations, and a passenger waiting lounge with the comforts of a modern airport facility. It also houses the Port Authority heliport operations center and a pilot lounge. The terminal features year-round heating, air-conditioning, ventilation and lighting for maximum comfort and convenience; is soundproof and is enhanced by an attractive decor and seasonal plantings.

The Port Authority has invested over \$14 million in the Downtown Manhattan Heliport.

Teterboro Airport

OWNED BY

The Port Authority of New York and New Jersey.

OPERATED BY

Johnson Controls World Services Inc., under a 30 year lease agreement with the Port Authority, effective midnight January 1, 1970.

LOCATION

Located in the Boroughs of Teterboro and Moonachie in Bergen County, New Jersey. Twelve miles by highway from midtown Manhattan, via the George Washington Bridge or Lincoln Tunnel.

SIZE

Total Acreage Developed – 90.34 Acres; Undeveloped – 328.43 Acres; Public Use – 408.21 Acres; Total – 826.98 Acres.

HISTORY

Teterboro is the oldest operating airport in the Port District. The property was acquired in 1917 by Walter C. Teter. During World War I, North American Aviation operated a manufacturing plant on the site. After the war, the airport served as a base of operations for Anthony Fokker, the Dutch aircraft designer. The first flight from the present airport site was made in 1919. During World War II, the airport was operated by the Army Air Force. It was purchased by the Port Authority on April 1, 1949 from Fred L. Wehran, a private owner.

AVIATION ROLE

Teterboro Airport is designated a "Reliever" according to the National Plan of Integrated Airport Systems that serves vital interests and serves the general aviation requirements of the Northern New Jersey and the New York Metropolitan Area. The

facility consists of 826.98 acres with a two runway configuration. Runway 1-19 (North/South) is 7,000 feet long. Runway 6-24 (NE/NW orientation) is 6,012 feet. The airport is a 24-hour public use facility that offers both visual non-precision and "all weather" precision landing capabilities.

It is important to note that conditions stipulated in the operating agreement between the Port Authority and Johnson controls prohibit Teterboro from accommodating scheduled aircraft carrier operations due to its functional role as a general aviation reliever airport. Additionally, a weight restriction is imposed which excludes use of the airport by aircraft with operating weights in excess of 100,000 pounds. As a result, Teterboro's utilization is comprised of a broad range of general aviation aircraft.

AIRCRAFT MOVEMENTS



**Commercial and Non-Commercial
Aircraft Movements**

Helicopter Movements

Aircraft Movements By Market

Maps

Commercial and Non-Commercial Aircraft Movements

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	120,295	449	9,862	38,151	2,480	31,340	202,577
1986	112,761	516	7,874	42,687	2,848	29,506	196,192
1987	107,918	423	7,679	52,683	3,176	26,386	198,265
1988	111,842	341	9,420	57,435	3,568	24,582	207,188
1989	103,503	853	11,547	62,125	2,922	24,702	205,652
1990	98,877	320	11,697	68,412	3,145	21,406	203,857
1991	87,150	594	11,355	63,388	3,262	17,950	183,699
1992	92,132	596	11,847	96,006	4,209	17,358	222,148
1993	87,467	1,672	11,834	108,335	4,059	17,018	230,405
1994	93,372	1,529	12,329	110,755	4,208	16,258	238,451
1995	96,012	1,166	11,741	95,685	3,657	16,448	224,709
1996	95,627	865	12,436	107,536	2,598	16,752	235,814
1997	93,879	885	11,831	108,432	2,518	17,006	234,551
1998	91,000	1,877	11,055	101,051	2,416	15,488	222,887

International

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	70,797	3,149	8,972	—	581	—	83,499
1986	71,224	2,660	8,453	—	624	—	82,961
1987	75,128	2,878	8,903	—	735	—	87,044
1988	83,461	2,849	10,579	—	413	—	97,301
1989	85,429	2,959	10,477	—	541	—	99,406
1990	87,343	2,545	9,426	—	545	—	99,859
1991	81,703	2,103	9,491	—	765	—	94,062
1992	88,863	2,118	8,768	—	1,551	—	101,300
1993	91,422	2,204	8,428	—	1,354	—	103,408
1994	91,087	2,462	10,630	—	969	—	105,148
1995	94,082	2,927	13,632	3,314	1,434	—	115,389
1996	97,891	1,631	13,437	4,945	1,496	—	119,400
1997	99,884	1,368	13,064	3,012	1,285	—	118,613
1998	100,272	1,761	13,582	3,691	1,134	—	120,440

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	191,092	3,598	18,834	38,151	3,061	31,340	286,076
1986	183,985	3,176	16,327	42,687	3,472	29,506	279,153
1987	183,046	3,301	16,582	52,683	3,911	26,386	285,909
1988	195,303	3,190	19,999	57,435	3,981	24,582	304,490
1989	188,932	3,812	22,024	62,125	3,463	24,702	305,058
1990	186,220	2,865	21,123	68,412	3,690	21,406	303,716
1991	168,853	2,697	20,846	63,388	4,027	17,950	277,761
1992	180,995	2,714	20,615	96,006	5,760	17,358	323,448
1993	178,889	3,876	20,262	108,355	5,413	17,018	333,813
1994	184,459	3,991	22,959	110,755	5,177	16,258	343,599
1995	190,094	4,093	25,373	98,999	5,091	16,448	340,098
1996	193,518	2,496	25,873	112,481	4,094	16,752	355,214
1997	193,763	2,253	24,895	111,444	3,803	17,006	353,164
1998	191,272	3,638	24,637	104,742	3,550	15,488	343,327

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

1.1.1 EWR

Annual Totals 1985-1998

Commercial and Non-Commercial Aircraft Movements

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	287,550	486	10,213	38,567	949	38,010	375,775
1986	293,549	254	11,737	52,968	1,834	35,600	395,942
1987	256,940	665	11,959	58,239	1,188	34,962	363,953
1988	262,600	189	13,814	54,288	882	27,862	359,635
1989	236,320	345	13,729	71,872	874	25,632	348,772
1990	241,143	306	14,100	77,659	1,134	22,702	357,044
1991	234,675	712	16,581	81,231	1,007	22,246	356,452
1992	243,040	1,174	19,508	97,000	1,289	21,898	383,909
1993	242,852	3,640	20,988	118,743	1,471	21,316	409,010
1994	252,346	4,916	26,895	98,771	1,311	21,244	405,483
1995	229,682	5,813	31,249	99,155	1,431	20,768	388,098
1996	245,013	6,900	30,929	108,646	1,727	19,534	412,749
1997	250,755	4,311	30,618	110,314	1,763	19,360	417,121
1998	246,747	4,307	31,181	96,758	1,447	19,962	400,402

International

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	3,109	837	–	–	17	–	3,963
1986	4,055	101	–	–	28	–	4,184
1987	3,734	183	–	–	57	–	3,974
1988	10,118	418	–	–	160	–	10,696
1989	14,904	1,213	83	–	134	–	16,334
1990	21,352	1,126	21	–	110	–	22,609
1991	20,034	2,052	10	–	239	–	22,335
1992	25,207	1,722	–	–	240	–	27,169
1993	27,180	1,831	384	–	86	–	29,481
1994	28,282	2,247	545	–	119	–	31,193
1995	29,289	2,455	561	–	117	–	32,422
1996	35,321	2,074	573	–	208	–	38,176
1997	42,875	1,622	1,143	–	126	–	45,766
1998	53,133	865	1,254	–	171	–	55,423

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	290,659	1,323	10,213	38,567	966	38,010	379,738
1986	297,604	355	11,737	52,968	1,862	35,600	400,126
1987	260,674	848	11,959	58,239	1,245	34,962	367,927
1988	272,718	607	13,814	54,288	1,042	27,862	370,331
1989	251,224	1,558	13,812	71,872	1,008	25,632	365,106
1990	262,495	1,432	14,121	77,659	1,244	22,702	379,653
1991	254,709	2,764	16,591	81,231	1,246	22,246	378,787
1992	268,247	2,896	19,508	97,000	1,529	21,898	411,078
1993	268,247	5,471	21,372	117,743	1,557	21,316	438,491
1994	270,032	7,163	27,440	98,771	1,430	21,244	436,676
1995	258,971	8,268	31,810	99,155	1,548	20,768	420,520
1996	280,334	8,974	31,502	108,646	1,935	19,534	462,925
1997	293,630	5,933	31,761	110,314	1,889	19,360	462,887
1998	299,880	5,172	32,435	96,758	1,618	19,962	455,825

1.1.1 LGA*Annual Totals 1985-1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	246,684	1,996	1	61,330	1,329	35,412	346,752
1986	252,503	1,274	419	62,031	2,376	30,878	349,481
1987	261,317	1,226	420	62,043	2,012	27,632	354,650
1988	251,902	1,61	361	63,170	2,232	27,420	346,696
1989	241,042	1,076	423	59,294	1,955	27,674	331,464
1990	248,864	1,350	511	61,645	2,563	22,846	337,779
1991	231,307	338	319	57,867	1,615	18,028	309,474
1992	232,537	263	216	64,083	1,667	16,122	314,888
1993	233,022	178	292	65,834	1,643	18,192	319,161
1994	230,368	235	230	65,976	1,166	21,450	319,425
1995	224,637	354	335	75,555	922	22,058	323,861
1996	215,142	429	394	80,851	943	23,002	320,761
1997	220,200	280	402	87,242	1,037	22,540	331,701
1998	222,703	85	378	88,110	3,162	20,376	334,814

International

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	1,301	—	—	—	—	—	1,301
1986	1,383	1	—	—	2	—	1,386
1987	1,390	—	—	—	—	—	1,390
1988	15,350	4	—	—	22	—	15,376
1989	17,572	—	—	—	18	—	17,590
1990	18,544	1	—	—	34	—	18,579
1991	17,285	1	—	—	16	—	17,302
1992	17,451	5	—	—	9	—	17,465
1993	17,961	6	—	—	11	—	17,978
1994	18,301	5	—	—	8	—	18,314
1995	21,617	2	—	—	8	—	21,627
1996	22,891	6	—	1,978	11	—	24,886
1997	20,068	3	—	3,312	15	—	23,398
1998	19,874	2	—	3,344	8	—	23,228

**Domestic and
International
Totals**

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	247,985	1,996	1	61,330	1,329	35,412	348,053
1986	253,886	1,275	419	62,031	2,378	30,878	350,867
1987	262,707	1,226	420	62,043	2,012	27,632	356,040
1988	267,252	1,615	361	63,170	2,254	27,420	362,072
1989	258,614	1,076	423	59,294	1,973	27,674	349,054
1990	267,408	1,351	511	61,645	2,597	22,846	356,358
1991	248,592	339	319	57,867	1,631	18,028	326,776
1992	249,988	268	216	64,083	1,676	16,122	332,353
1993	250,983	184	292	65,834	1,654	18,192	337,139
1994	248,669	240	230	65,976	1,174	21,450	337,739
1995	246,254	356	335	75,555	930	22,058	345,488
1996	238,033	435	394	82,829	954	23,002	345,647
1997	240,268	283	402	90,554	1,052	22,540	355,099
1998	242,577	87	378	91,454	3,170	20,376	358,042

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

1.1.1 TETERBORO

Annual Totals 1985-1998

Commercial and Non-Commercial Aircraft Movements

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	—	—	—	—	—	216,974	216,974
1986	—	—	—	—	—	219,364	219,364
1987	—	—	—	—	—	175,816	175,816
1988	—	—	—	—	—	201,408	201,408
1989	—	—	—	—	—	217,170	217,170
1990	—	—	—	—	—	191,118	191,118
1991	—	—	—	—	—	187,554	187,554
1992	—	—	—	—	—	188,108	188,108
1993	—	—	—	—	—	191,940	191,940
1994	—	—	—	—	—	185,840	185,840
1995	—	—	—	—	—	183,922	183,922
1996	—	—	—	—	—	186,682	186,682
1997	—	—	—	—	—	170,514	170,514
1998	—	—	—	—	—	184,488	184,488

International

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	—	—	—	—	—	—	—
1986	—	—	—	—	—	—	—
1987	—	—	—	—	—	—	—
1988	—	—	—	—	—	—	—
1989	—	—	—	—	—	—	—
1990	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—
1993	—	—	—	—	—	—	—
1994	—	—	—	—	—	—	—
1995	—	—	—	—	—	—	—
1996	—	—	—	—	—	—	—
1997	—	—	—	—	—	—	—
1998	—	—	—	—	—	—	—

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	—	—	—	—	—	216,974	216,974
1986	—	—	—	—	—	219,364	219,364
1987	—	—	—	—	—	175,816	175,816
1988	—	—	—	—	—	201,408	201,408
1989	—	—	—	—	—	217,170	217,170
1990	—	—	—	—	—	191,118	191,118
1991	—	—	—	—	—	187,554	187,554
1992	—	—	—	—	—	188,108	188,108
1993	—	—	—	—	—	191,940	191,940
1994	—	—	—	—	—	185,840	185,840
1995	—	—	—	—	—	183,922	183,922
1996	—	—	—	—	—	186,682	186,682
1997	—	—	—	—	—	170,514	170,514
1998	—	—	—	—	—	184,488	184,488

1.1.1 REGION*Annual Totals 1985-1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	654,529	2,931	20,076	138,048	4,758	104,762	925,104
1986	658,813	2,044	20,030	157,686	7,058	95,984	941,615
1987	626,175	2,314	20,058	172,965	6,376	88,980	916,868
1988	626,344	2,141	23,595	174,893	6,682	79,864	913,519
1989	580,865	2,274	25,699	193,291	5,751	78,008	885,888
1990	588,884	1,976	26,308	207,716	6,842	66,954	898,680
1991	553,132	1,644	28,255	202,486	5,884	58,224	849,625
1992	567,709	2,033	31,571	257,089	7,165	55,378	920,945
1993	563,341	5,490	33,114	292,932	7,173	56,526	958,576
1994	576,086	6,680	39,454	275,502	6,685	58,952	963,359
1995	550,331	7,333	43,325	270,395	6,010	59,274	936,668
1996	555,782	8,194	43,759	297,033	5,268	59,288	969,324
1997	564,834	5,476	42,851	305,988	5,318	58,906	983,373
1998	560,450	6,269	42,614	285,919	7,025	55,826	958,103

International

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	75,207	3,986	8,972	–	598	–	88,763
1986	76,662	2,762	8,453	–	654	–	88,531
1987	80,252	3,061	8,903	–	792	–	93,008
1988	108,929	3,271	10,579	–	595	–	123,374
1989	117,905	4,172	10,560	–	693	–	133,330
1990	127,239	3,672	9,447	–	689	–	141,047
1991	119,022	4,156	9,501	–	1,020	–	133,699
1992	131,521	3,845	8,768	–	1,800	–	145,934
1993	136,563	4,041	8,812	–	1,451	–	150,867
1994	137,670	4,714	11,175	–	1,096	–	154,655
1995	144,988	5,384	14,193	3,314	1,559	–	169,438
1996	156,130	3,711	14,010	6,923	1,715	–	182,462
1997	162,827	2,993	14,207	6,324	1,426	–	187,777
1998	173,279	2,628	14,836	7,035	1,313	–	199,091

**Domestic and
International
Totals**

YEAR	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL
1985	729,736	6,917	29,048	138,048	5,356	104,762	1,013,867
1986	735,475	4,806	28,483	157,686	7,712	95,984	1,030,146
1987	706,427	5,375	28,961	172,965	7,168	88,980	1,009,876
1988	735,273	5,412	34,174	174,893	7,277	79,864	1,036,893
1989	698,770	6,446	36,259	193,291	6,444	78,008	1,019,218
1990	716,123	5,648	35,755	207,716	7,531	66,954	1,039,727
1991	672,154	5,800	37,756	202,486	6,904	58,224	983,324
1992	699,230	5,878	40,339	257,089	8,965	55,378	1,066,879
1993	699,904	9,531	41,926	292,932	8,624	56,526	1,109,443
1994	713,756	11,394	50,629	275,502	7,781	58,952	1,118,014
1995	695,319	12,717	57,518	273,709	7,569	59,274	1,106,106
1996	711,885	11,905	57,769	303,956	6,983	59,288	1,151,786
1997	727,661	8,469	57,058	312,312	6,744	58,906	1,171,150
1998	733,729	8,897	57,450	292,954	8,338	55,826	1,157,194

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

† Regional Totals do not include Teterboro

1.1.2 JFK*Monthly Totals 1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	8,328	56	807	9,023	188	870	19,272	3.0
Feb.	7,594	93	952	8,126	194	946	17,905	3.2
Mar.	7,533	130	954	8,988	249	1,122	18,976	-1.2
April	7,358	160	944	8,239	168	1,228	18,097	-3.9
May	7,692	100	916	8,659	196	1,392	18,955	-3.6
June	7,620	68	935	7,651	232	1,618	18,124	-10.0
July	7,831	137	972	8,896	211	1,610	19,657	-6.8
Aug.	7,759	215	915	8,666	263	1,318	19,136	-7.1
Sept.	7,247	209	933	8,405	224	1,618	18,636	-4.6
Oct.	7,515	210	992	8,008	183	1,498	18,406	-11.9
Nov.	7,162	220	733	8,174	151	1,322	17,762	-6.0
Dec.	7,361	279	1,002	8,216	157	946	17,961	-8.5
Total 1998	91,000	1,877	11,055	101,051	2,416	15,488	222,887	-5.0
% Change 1997 to 1998	-3.1	-112.1	-6.6	-6.8	-4.1	-8.9	-5.0	

International

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	8,187	170	1,051	237	100	–	9,745	6.1
Feb.	7,257	147	1,021	218	53	–	8,696	7.7
Mar.	7,986	177	1,202	243	99	–	9,707	6.2
Apr.	8,161	150	1,117	238	82	–	9,748	4.6
May	8,652	93	1,150	334	87	–	10,316	3.9
June	8,725	117	1,084	343	114	–	10,383	0.1
July	9,436	231	1,162	426	111	–	11,366	1.6
Aug.	9,484	249	1,125	430	129	–	11,417	1.0
Sept.	8,399	131	1,121	419	118	–	10,188	-1.8
Oct.	8,348	101	1,189	322	73	–	10,033	-0.8
Nov.	7,507	55	1,236	234	60	–	9,092	-6.4
Dec.	8,130	140	1,124	247	108	–	9,749	-1.5
Total 1998	100,272	1,761	13,582	3,691	1,134	–	120,440	1.5
% Change 1997 to 1998	0.4	28.7	4.0	22.5	-11.8	–	1.5	

**Domestic and
International
Totals**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	16,515	226	1,858	9,260	288	870	29,017	4.0
Feb.	14,851	240	1,973	8,344	247	946	26,601	4.6
Mar.	15,519	307	2,156	9,231	348	1,122	28,683	1.2
Apr.	15,519	310	2,061	8,477	250	1,228	27,845	-1.1
May	16,344	193	2,066	8,993	283	1,392	29,271	-1.1
June	16,345	185	2,019	7,994	346	1,618	28,507	-6.6
July	17,267	368	2,134	9,322	322	1,610	31,023	-3.9
Aug.	17,243	464	2,040	9,096	392	1,318	30,553	-4.3
Sept.	15,646	340	2,054	8,824	342	1,618	28,824	-3.6
Oct.	15,863	311	2,181	8,330	256	1,498	28,439	-8.3
Nov.	14,669	275	1,969	8,408	211	1,322	26,854	-6.1
Dec.	15,491	419	2,126	8,463	265	946	27,710	-6.2
Total 1998	191,272	3,638	24,637	104,742	3,550	17,006	353,323	-2.8
% Change 1997 to 1998	-1.3	61.5	-1.0	-6.0	-6.7	-8.9	-2.8	

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

1.1.2 EWR*Monthly Totals 1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	19,640	201	2,557	7,719	114	1,430	31,661	-8.8
Feb.	18,328	196	2,474	7,517	114	1,572	30,201	-7.3
Mar.	21,044	409	2,638	8,427	120	1,626	34,264	-2.1
Apr.	20,715	637	2,693	8,629	145	1,798	34,617	-1.9
May	20,569	354	2,551	8,834	135	1,748	34,191	-2.0
June	20,219	300	2,595	7,701	128	1,922	32,865	-4.8
July	21,724	399	2,680	8,448	97	1,550	34,898	-3.1
Aug.	21,411	482	2,475	8,137	131	1,616	34,252	-6.2
Sept.	19,893	261	2,529	8,112	99	1,912	32,806	-6.2
Oct.	21,287	368	2,734	8,115	149	1,788	34,441	-3.8
Nov.	20,516	388	2,304	7,545	108	1,546	32,407	-1.1
Dec.	21,401	312	2,951	7,574	107	1,454	33,799	-0.6
Total 1998	246,747	4,307	31,181	96,758	1,447	19,962	400,402	-4.0
% Change 1997 to 1998	-1.6	-0.1	1.8	-12.3	-17.9	3.1	-4.0	

International

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	3,765	153	102	–	12	–	4,032	27.3
Feb.	3,593	75	102	–	12	–	3,782	29.7
Mar.	4,138	1366	100	–	30	–	4,404	30.5
Apr.	4,301	78	94	–	14	–	4,487	30.0
May	4,551	50	96	–	12	–	4,709	24.5
June	4,567	57	92	–	20	–	4,736	19.6
July	5,061	81	102	–	15	–	5,259	18.2
Aug.	5,091	79	100	–	10	–	5,280	19.2
Sept.	4,328	49	96	–	6	–	4,479	8.8
Oct.	4,805	25	112	–	13	–	4,955	18.8
Nov.	4,392	27	136	–	12	–	4,567	16.4
Dec.	4,541	55	122	–	15	–	4,733	17.6
Total 1998	53,133	865	1,254	–	171	–	55,423	21.1
% Change 1997 to 1998	23.9	-46.7	9.7	–	-35.7	–	21.1	

**Domestic and
International
Totals**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON-REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	23,405	354	2,659	7,719	126	1,430	35,693	-5.8
Feb.	21,921	271	2,576	7,517	126	1,572	33,983	-4.3
Mar.	25,182	545	2,738	8,427	150	1,626	38,668	0.8
Apr.	25,016	715	2,787	8,629	159	1,798	39,104	0.9
May	25,120	404	2,647	8,834	147	1,748	38,900	0.6
June	24,786	357	2,6687	7,701	148	1,922	37,601	-2.3
July	26,785	480	2,782	8,448	112	1,550	40,157	-0.7
Aug.	26,502	561	2,575	8,137	141	1,616	39,532	-3.5
Sept.	24,221	310	2,625	8,112	105	1,912	37,285	-4.6
Oct.	26,092	393	2,846	8,115	162	1,788	39,396	-1.5
Nov.	24,908	415	2,440	8,545	120	1,546	36,974	0.7
Dec.	25,942	367	3,073	7,574	122	1,454	38,532	1.3
Total 1998	299,880	5,172	32,435	96,758	1,618	19,962	455,825	-1.5
% Change 1997 to 1998	2.1	-12.8	2.1	-12.3	-14.3	3.1	-1.5	

* Includes Air Taxi, Business & Private, Government, Local School and Helicopters

1.1.2 LGA*Monthly Totals 1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	18,115	2	32	6,661	94	1,514	26,418	-5.1
Feb.	17,334	3	32	6,627	75	1,462	25,533	-1.7
Mar.	19,323	2	34	7,358	73	1,728	28,518	2.0
Apr.	18,802	21	32	7,299	69	1,730	27,953	1.1
May	18,621	12	30	7,246	84	1,512	27,505	-2.2
June	17,631	9	32	7,085	137	1,906	26,800	-3.4
July	18,667	5	36	7,878	88	1,784	28,458	1.2
Aug.	18,553	3	30	7,657	130	1,548	27,921	-0.6
Sept.	17,834	4	34	7,563	88	2,018	27,541	-1.2
Oct.	19,440	18	34	7,875	110	1,790	29,267	0.8
Nov.	18,975	–	26	7,265	98	1,780	28,144	7.4
Dec.	19,408	6	26	7,596	97	1,604	28,737	6.2
Total 1998	222,703	85	378	88,110	1,143	20,376	332,795	0.3
% Change 1997 to 1998	1.1	-69.6	-6.0	1.0	10.2	-9.6	0.3	

International

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	1,593	–	–	254	1	–	1,848	0.2
Feb.	1,565	–	–	258	–	–	1,823	1.9
Mar.	1,681	–	–	290	–	–	1,972	1.2
Apr.	1,625	2	–	282	–	–	1,910	-5.0
May	1,667	–	–	294	–	–	1,961	-5.5
June	1,643	–	–	254	4	–	1,901	-2.7
July	1,746	–	–	290	1	–	2,037	3.5
Aug.	1,725	–	–	306	–	–	2,031	1.0
Sept.	1,250	–	–	290	–	–	1,540	-19.7
Oct.	1,731	–	–	302	–	–	2,033	-1.1
Nov.	1,837	–	–	278	–	–	2,115	10.2
Dec.	1,811	–	–	246	–	–	2,057	8.3
Total 1998	19,874	2	–	3,344	6	–	23,228	-0.7
% Change 1997 to 1998	-1.0	-33.3	–	1.0	-25.0	–	-0.7	

**Domestic and
International
Totals**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	19,708	2	32	6,915	95	1,514	28,266	-4.8
Feb.	18,899	3	32	6,885	75	1,462	27,356	-1.5
Mar.	21,004	2	34	7,648	74	1,728	30,490	2.0
Apr.	20,427	23	32	7,581	70	1,730	29,863	0.6
May	20,288	12	30	7,540	84	1,512	29,466	-2.5
June	19,274	9	32	7,339	141	1,906	28,701	-3.4
July	20,413	5	36	8,168	89	1,784	30,495	1.3
Aug.	20,278	3	30	7,963	130	1,548	29,952	-0.5
Sept.	19,084	4	34	7,853	88	2,018	29,081	-2.4
Oct.	21,171	18	34	8,177	110	1,790	31,300	0.7
Nov.	20,812	–	26	7,543	98	1,780	30,259	7.6
Dec.	21,219	6	26	7,842	97	1,604	30,794	6.4
Total 1998	242,577	87	378	91,454	1,151	20,376	356,023	0.3
% Change 1997 to 1998	1.0	-69.3	-6.0	1.0	9.4	-9.6	0.3	

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

1.1.2 TETERBORO*Monthly Totals 1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	—	—	—	—	—	12,180	12,180	8.4
Feb.	—	—	—	—	—	13,216	13,216	3.9
Mar.	—	—	—	—	—	14,190	14,190	14.7
Apr.	—	—	—	—	—	15,334	15,334	12.0
May	—	—	—	—	—	16,544	16,544	11.3
June	—	—	—	—	—	16,898	16,898	7.6
July	—	—	—	—	—	16,940	16,940	13.0
Aug.	—	—	—	—	—	15,116	15,116	3.3
Sept.	—	—	—	—	—	16,224	16,224	3.7
Oct.	—	—	—	—	—	16,808	16,808	1.4
Nov.	—	—	—	—	—	15,968	15,968	16.9
Dec.	—	—	—	—	—	15,070	15,070	8.5
Total 1998	—	—	—	—	—	184,488	184,488	8.2
% Change 1997 to 1998	—	—	—	—	—	8.2	8.2	

International

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	—	—	—	—	—	—	—	—
Feb.	—	—	—	—	—	—	—	—
Mar.	—	—	—	—	—	—	—	—
Apr.	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—
Aug.	—	—	—	—	—	—	—	—
Sept.	—	—	—	—	—	—	—	—
Oct.	—	—	—	—	—	—	—	—
Nov.	—	—	—	—	—	—	—	—
Dec.	—	—	—	—	—	—	—	—
Total 1998	—	—	—	—	—	—	—	—
% Change 1997 to 1998	—	—	—	—	—	—	—	—

**Domestic and
International
Totals**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	—	—	—	—	—	12,180	12,180	8.4
Feb.	—	—	—	—	—	13,216	13,216	3.9
Mar.	—	—	—	—	—	14,190	14,190	14.7
Apr.	—	—	—	—	—	15,334	15,334	12.0
May	—	—	—	—	—	16,544	16,544	11.3
June	—	—	—	—	—	16,898	16,898	7.6
July	—	—	—	—	—	16,940	16,940	13.0
Aug.	—	—	—	—	—	15,116	15,116	3.3
Sept.	—	—	—	—	—	16,224	16,224	3.7
Oct.	—	—	—	—	—	16,808	16,808	1.4
Nov.	—	—	—	—	—	15,968	15,968	16.9
Dec.	—	—	—	—	—	15,070	15,070	8.5
Total 1998	—	—	—	—	—	184,488	184,488	8.2
% Change 1997 to 1998	—	—	—	—	—	8.2	8.2	

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

1.1.2 REGION*Monthly Totals 1998***Commercial and Non-Commercial
Aircraft Movements****Domestic**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	46,083	259	3,396	23,403	396	3,814	77,351	-4.8
Feb.	43,256	292	3,458	22,270	383	3,980	73,639	-3.0
Mar.	47,900	541	3,626	24,773	442	4,476	81,758	-0.5
Apr.	46,875	818	3,669	24,167	382	4,756	80,667	-1.4
May	46,882	466	3,497	24,739	415	4,652	80,651	-2.5
June	45,470	377	3,562	22,437	497	5,446	77,789	-5.6
July	48,222	541	3,688	25,222	396	4,944	83,013	-2.6
Aug.	47,723	700	3,420	24,460	524	4,482	81,309	-4.6
Sept.	44,974	474	3,496	24,080	411	5,548	78,983	-4.1
Oct.	48,242	596	3,760	23,998	442	5,076	82,114	-4.2
Nov.	46,653	608	3,063	22,984	357	4,648	78,313	0.6
Dec.	48,170	597	3,979	23,386	361	4,004	80,497	-0.3
Total 1998	560,450	6,269	42,614	285,919	5,006	55,826	956,084	-2.8
% Change 1997 to 1998	-0.8	14.5	-0.6	-6.6	-5.9	-5.2	-2.8	

International

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	13,545	323	1,153	491	113	—	15,625	10.1
Feb.	12,415	222	1,123	476	65	—	14,301	11.9
Mar.	13,805	313	1,302	533	130	—	16,083	11.2
Apr.	14,087	230	1,211	520	97	—	16,145	9.2
May	14,870	143	1,246	628	99	—	16,986	7.6
June	14,935	174	1,176	597	138	—	17,020	4.5
July	16,243	312	1,264	716	127	—	18,662	6.0
Aug.	16,300	328	1,225	736	139	—	18,728	5.5
Sept.	13,977	180	1,217	709	124	—	16,207	-1.2
Oct.	14,884	126	1,301	624	86	—	17,021	4.2
Nov.	13,736	82	1,237	512	72	—	15,774	1.4
Dec.	14,482	195	1,124	493	123	—	16,539	4.5
Total 1998	173,279	2,628	14,836	7,035	1,313	—	199,091	6.0
% Change 1997 to 1998	6.4	-12.2	4.4	11.2	-7.9	—	6.0	

**Domestic and
International
Totals**

MONTH	SCHEDULED PASSENGER	CHARTER	CARGO	COMMUTER	NON- REVENUE	OTHER*	TOTAL	% CHANGE 1997-98
Jan.	59,628	582	4,549	23,894	509	3,814	92,976	-2.6
Feb.	55,671	514	4,581	22,746	448	3,980	87,940	-0.8
Mar.	61,705	854	4,928	25,306	572	4,476	97,841	1.3
Apr.	60,962	1,048	4,880	24,687	479	4,756	96,812	0.2
May	61,752	609	4,743	25,367	514	4,652	97,637	-0.9
June	60,405	551	4,738	23,034	635	5,446	94,809	-3.9
July	64,465	853	4,952	25,938	523	4,944	101,675	-1.1
Aug.	64,023	1,028	4,645	25,196	663	4,482	100,037	-2.9
Sept.	58,951	654	4,713	24,789	535	5,548	95,190	-3.7
Oct.	63,126	722	5,061	24,622	528	5,076	99,135	-2.9
Nov.	60,389	690	4,435	23,496	429	4,648	94,087	0.7
Dec.	62,652	792	5,225	23,879	484	4,004	97,036	0.5
Total 1998	733,729	8,897	57,450	292,954	6,319	55,826	1,155,175	-1.4
% Change 1997 to 1998	0.8	5.1	0.7	-6.2	-6.3	-5.2	-1.4	

*Includes Air Taxi, Business & Private, Government, Local School and Helicopters

Note: Regional Totals do not include Teterboro

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1.2.1

Annual Totals 1985-1998

Helicopter Movements

YEAR	JFK*†	EWB*†	LGA*	WEST 30TH STREET	DOWNTOWN	TOTAL
1985	44,028	18,426	15,770	22,214	34,480	134,918
1986	33,516	10,948	7,420	21,542	28,644	102,070
1987	20,470	4,388	1,662	26,616	22,932	76,068
1988	12,881	—	—	36,554	21,264	70,699
1989	11,550	—	278	34,776	18,342	64,946
1990	11,681	736	1,440	28,290	19,872	62,019
1991	10,671	308	—	28,280	16,022	55,281
1992	11,959	—	—	33,244	15,294	60,497
1993	11,959	—	—	37,484	14,846	64,289
1994	5,148	—	—	41,798	14,716	61,662
1995	5,128	—	—	46,818	14,840	66,786
1996	1,888	—	—	9,512	17,348	28,748
1997	2,140	—	—	—	21,366	23,506
1998	3,676	—	—	—	25,489	29,165

*Scheduled Only

† NY Helicopter, DHL, Pan Am Helicopter included beginning 1985

Note: Teterboro not reporting

1.2.2

Monthly Totals 1997-1998

Helicopter Movements

1997

MONTH	JFK*†	EWR*†	LGA*	WEST 30TH STREET	DOWNTOWN	TOTAL
Jan.	148	—	—	—	1,246	1,394
Feb.	144	—	—	—	1,230	1,374
Mar.	96	—	—	—	1,382	1,478
Apr.	110	—	—	—	1,600	1,710
May	142	—	—	—	1,686	1,828
June	120	—	—	—	1,392	1,512
July	144	—	—	—	1,712	1,856
Aug.	114	—	—	—	2,508	2,620
Sept.	124	—	—	—	2,828	2,952
Oct.	378	—	—	—	2,386	2,764
Nov.	316	—	—	—	1,914	2,230
Dec.	304	—	—	—	1,482	1,786
Total 1997	2,140	—	—	—	21,366	23,506

1998

MONTH	JFK*†	EWR*†	LGA*	WEST 30TH STREET	DOWNTOWN	TOTAL
Jan.	234	—	—	—	916	1,150
Feb.	130	—	—	—	1,047	1,177
Mar.	324	—	—	—	1,998	2,312
Apr.	266	—	—	—	2,204	2,470
May	310	—	—	—	1,922	2,232
June	296	—	—	—	1,824	2,120
July	396	—	—	—	2,212	2,608
Aug.	360	—	—	—	2,406	2,766
Sept.	380	—	—	—	2,758	3,138
Oct.	340	—	—	—	2,934	3,274
Nov.	320	—	—	—	2,654	2,974
Dec.	320	—	—	—	2,624	2,944
Total 1998	3,676	—	—	—	25,489	29,165

*Scheduled Only

† NY Helicopter and DHL Helicopter included

Note: Teterboro not reporting; W. 30th Heliport was returned to NYS DOT, May 1996

1.3.1 JFK

Annual Totals 1985-1998

Aircraft Movements By Market

YEAR	BERMUDA	CANADA/ MEXICO*	DOMESTIC	LATIN AMERICA	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	1,619	–	195,038	21,829	7,539	52,399	7,652	286,076
1986	2,116	–	187,741	23,442	8,451	49,202	8,201	279,153
1987	2,359	–	188,084	25,007	10,181	51,800	8,478	285,909
1988	2,001	1,151	197,051	26,841	10,137	58,817	8,492	304,490
1989	1,613	2,672	196,388	25,834	9,264	61,179	8,108	305,058
1990	1,987	3,162	194,931	24,671	8,926	63,018	7,021	303,716
1991	1,985	3,907	174,964	24,314	8,735	56,625	7,231	277,761
1992	1,215	4,588	213,679	25,676	8,469	62,023	7,798	323,448
1993	1,261	4,741	222,558	26,562	7,847	61,998	8,846	333,813
1994	1,251	4,892	230,656	26,005	7,795	64,080	8,920	343,599
1995	1,231	7,575	216,825	27,021	7,884	68,053	11,509	340,098
1996	1,251	8,978	228,311	27,499	7,503	69,170	12,502	355,214
1997	1,267	7,164	226,234	28,441	8,317	68,051	13,690	353,164
1998	1,212	8,039	215,701	28,728	7,186	69,293	13,168	343,327

*Prior to 1988 Canada/Mexico was included in “Domestic”

Note: “Domestic” includes Air Taxi, Business & Private, and Government

1.3.1 EWR

Annual Totals 1985-1998

Aircraft Movements By Market

YEAR	BERMUDA	CANADA/ MEXICO*	DOMESTIC	LATIN AMERICA	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	724	—	373,108	1,550	2,667	1,689	—	379,738
1986	726	—	392,981	1,284	2,961	2,174	—	400,126
1987	706	—	360,420	1,160	3,533	2,108	—	367,927
1988	754	5,920	356,219	1,431	3,416	2,416	175	370,331
1989	695	7,177	345,890	4,500	2,882	3,962	—	365,106
1990	889	8,322	353,379	5,132	3,665	7,710	556	379,653
1991	677	6,288	353,284	5,598	3,168	9,172	600	378,787
1992	889	8,611	380,018	5,271	3,891	11,685	713	411,078
1993	724	11,065	405,193	4,855	3,817	11,956	881	438,491
1994	726	12,890	401,657	4,475	3,826	12,049	1,053	436,676
1995	1,140	13,519	382,607	4,127	5,491	12,257	1,379	420,520
1996	1,462	14,630	407,985	6,163	4,764	15,047	874	450,925
1997	1,091	16,039	412,740	7,390	4,381	20,172	1,074	462,887
1998	1,010	18,180	395,992	8,922	4,410	26,228	1,083	455,825

*Prior to 1988 Canada/Mexico was included in “Domestic”

Note: “Domestic” includes Air Taxi, Business & Private, and Government

1.3.1 LGA

Annual Totals 1985-1998

Aircraft Movements By Market

YEAR	BERMUDA	CANADA/ MEXICO*†	DOMESTIC	LATIN AMERICA•	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	894	—	346,752	407	—	—	—	348,053
1986	654	—	349,481	732	—	—	—	350,867
1987	657	—	354,650	733	—	—	—	356,040
1988	667	13,971	346,695	738	1	—	—	362,072
1989	1,031	15,759	331,463	799	1	1	—	349,054
1990	248	17,590	337,752	740	27	1	—	356,358
1991	158	16,415	309,472	729	2	—	—	326,776
1992	1	16,738	314,887	726	1	—	—	332,353
1993	421	16,830	319,159	727	2	—	—	337,139
1994	607	16,990	319,424	717	1	—	—	337,739
1995	621	20,275	323,860	731	1	—	—	345,488
1996	490	23,657	320,761	737	—	2	—	345,647
1997	414	22,389	331,699	595	2	—	—	355,099
1998	248	22,444	332,795	536	—	—	—	356,023

*Prior to 1988 Canada/Mexico was included in “Domestic”

† Canada Only

• Caribbean Only

Note: “Domestic” includes Air Taxi, Business & Private, and Government

1.3.1 REGION

Annual Totals 1985-1998

Aircraft Movements By Market

YEAR	BERMUDA	CANADA/ MEXICO*	DOMESTIC	LATIN AMERICA	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	3,237	—	914,898	23,786	10,206	54,088	7,652	1,013,867
1986	3,496	—	930,203	25,458	11,412	51,376	8,201	1,030,146
1987	3,722	—	903,154	26,900	13,714	53,908	8,478	1,009,876
1988	3,422	21,042	899,965	29,010	13,554	61,233	8,667	1,036,893
1989	3,339	25,608	873,741	31,133	12,147	65,142	8,108	1,019,218
1990	3,124	29,074	886,062	30,543	12,618	70,729	7,577	1,039,727
1991	2,820	26,610	837,720	30,641	11,905	65,797	7,831	983,324
1992	2,105	29,937	908,584	31,673	12,361	73,708	8,511	1,066,879
1993	2,406	32,636	946,910	32,144	11,666	73,954	9,727	1,109,443
1994	2,584	34,772	951,737	31,197	11,622	76,129	9,973	1,118,014
1995	2,992	41,369	923,292	31,879	13,376	80,310	12,888	1,106,106
1996	3,203	47,265	957,057	34,399	12,267	84,219	13,376	1,151,786
1997	2,772	45,592	970,673	36,426	12,700	88,223	14,764	1,171,150
1998	2,470	48,663	944,488	38,186	11,596	95,521	14,251	1,155,175

* Prior to 1988 Canada/Mexico was included in "Domestic"

Note: Teterboro not reporting. "Domestic" includes Air Taxi, Business & Private, and Government.

MAPS

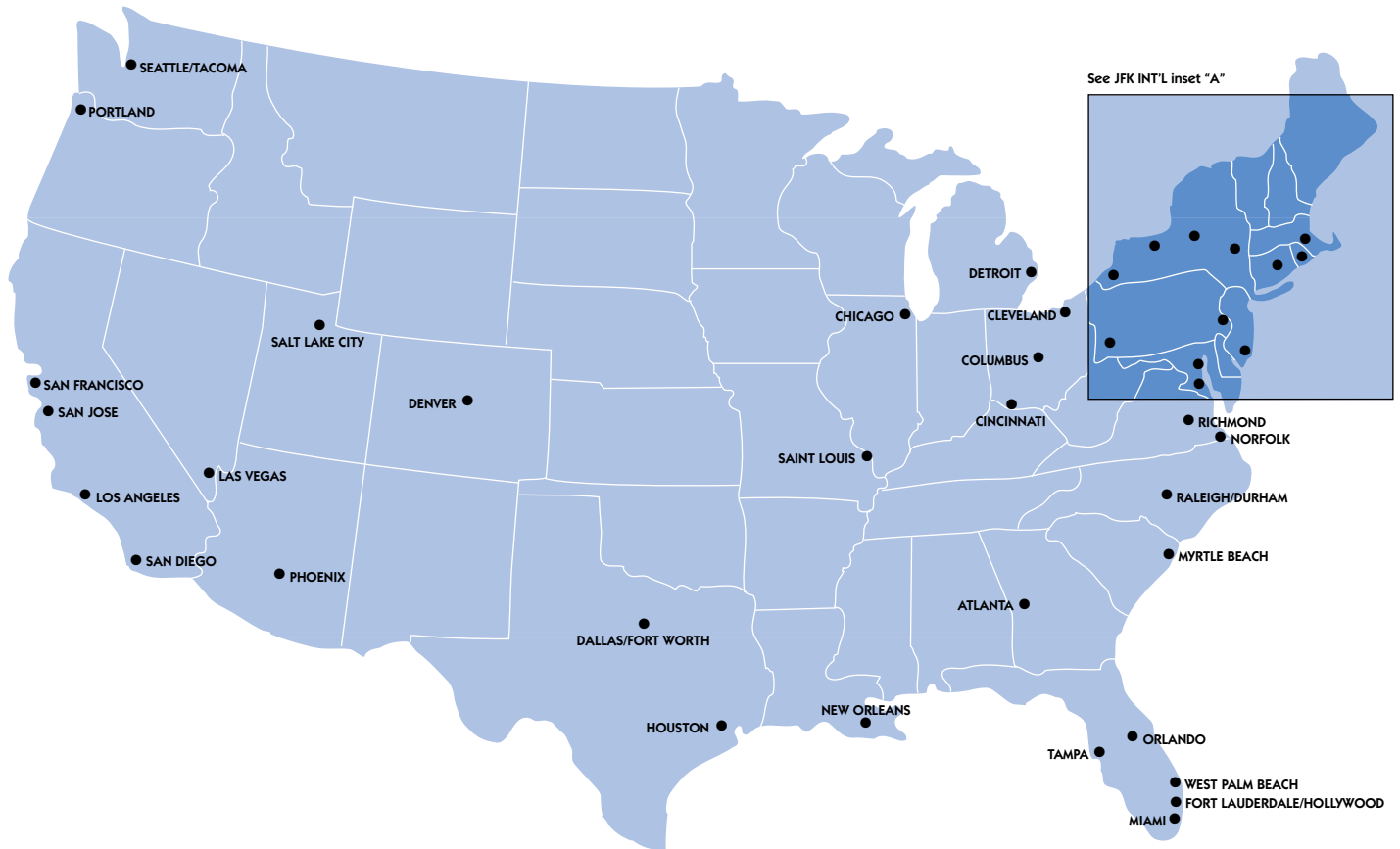
John F. Kennedy International Airport

Scheduled Non-Stop Service

JFK INTERNATIONAL AIRPORT

Cities Served: Scheduled Domestic Non-Stop Service as of August 1998

Maps



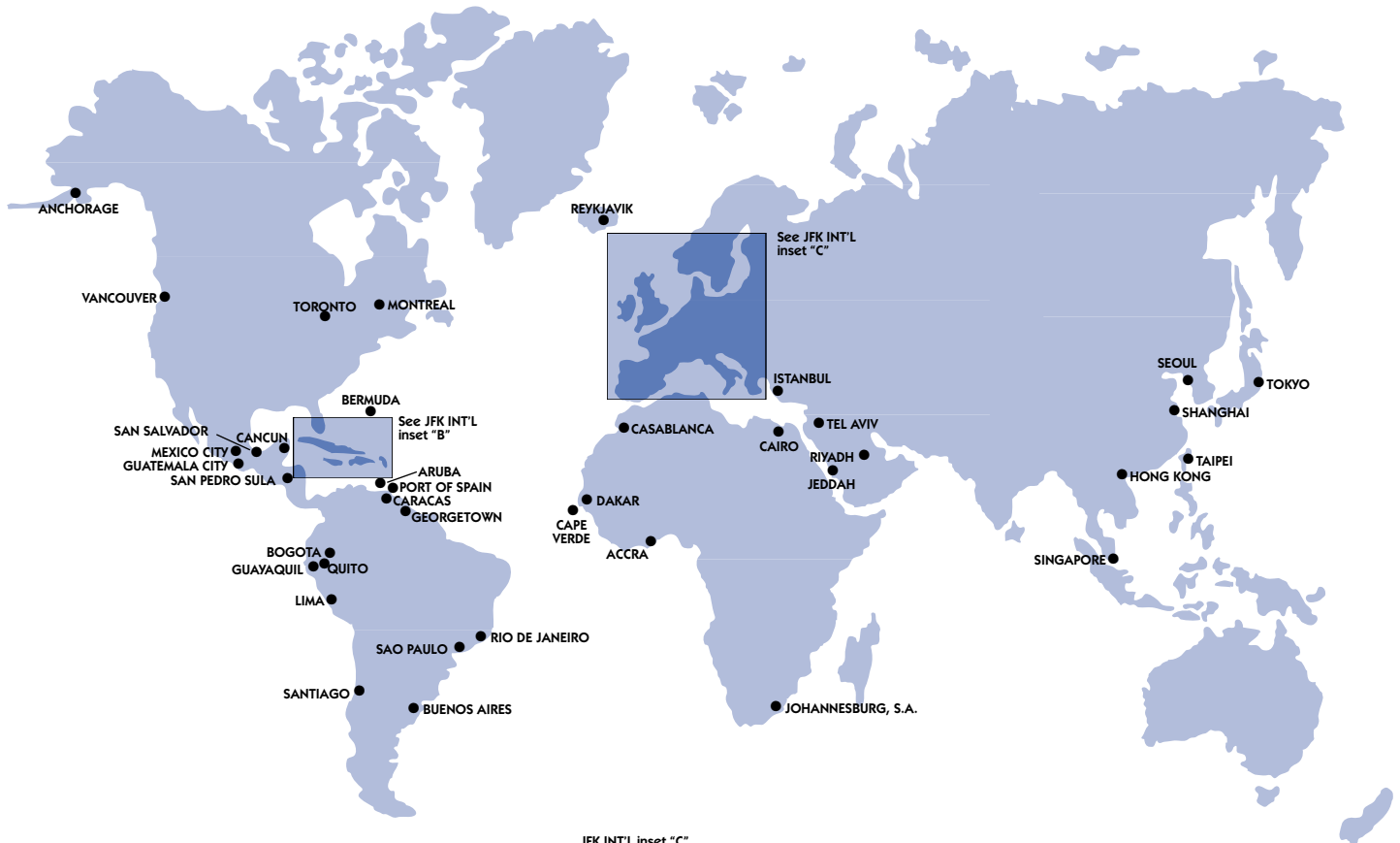
JFK INT'L inset "A"



JFK INTERNATIONAL AIRPORT

Cities Served: Scheduled International Non-Stop Service as of August 1998

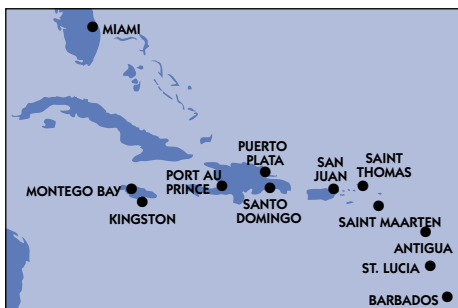
Maps



JFK INT'L inset "C"



JFK INT'L inset "B"





Cities having non-stop** passenger service in August 1998

<i>Domestic Cities Served</i>	<i>Average Daily Departures</i>	<i>International Cities Served</i>	<i>Average Weekly Departures</i>
United States			
Albany, NY	13.6	Birmingham, England, UK	7.0
Atlanta, GA	3.5	Brussels, Belgium	16.0
Atlantic City	.6	Bucharest, Romania	2.0
Baltimore, MD	16.0	Budapest, Hungary	7.0
Boston, MA	47.6	Cologne/Dusseldorf/Bonn, Germany	1.0
Buffalo, NY	5.0	Dublin, Ireland	8.0
Charlotte Amalie, VI (USA)	.6	Frankfurt, Germany	23.0
Chicago, IL	3.8	Geneva, Switzerland	7.0
Cincinnati, OH	2.5	Glasgow/Prestwick, Sct, UK	5.0
Cleveland, OH	4.0	Helsinki, Finland	9.0
Columbus, OH	1.0	Ivano-Frankovsk, Ukraine	.5
Dallas/Fort Worth, TX	3.0	Keflavik/Reykjavik, IS	7.0
Denver, CO	1.0	Kiev, Ukraine	.5
Detroit, MI	6.9	Lisbon, Portugal	9.9
Fort Lauderdale, FL	4.0	London, England, UK	135.9
Hartford, CT	9.0	Lwow, Ukraine	.5
Houston, TX	1.0	Madrid, Spain	23.9
Las Vegas, NV	5.3	Manchester, England, UK	14.0
Los Angeles, CA	25.9	Milan, Italy	21.0
Miami, FL	10.4	Moscow, Russia	14.0
Myrtle Beach, SC	.7	Munich, Germany	7.0
New Orleans, LA	1.0	Nice, France	7.0
Norfolk/VA B/Pt/Ch, VA	11.0	Paris, France	56.9
Orlando, FL	7.0	Rome, Italy	34.0
Phila, PA/Camden, NJ	23.0	Satu Mare, Romania	1.0
Phoenix, AZ	4.0	Shannon, Ireland	8.5
Pittsburgh, PA	22.7	Sofia, Bulgaria	2.9
Portland, OR	1.0	Stansted, England UK	1.0
Providence, RI	3.0	Stockholm, Sweden	7.0
Raleigh/Durham, NC	4.0	Stuttgart, Germany	7.0
Richmond Intl, Richmond, VA	8.0	Timisoara, Romania	1.0
Rochester, NY	5.0	Vienna, Austria	12.0
Salt Lake City, UT	2.0	Warsaw, Poland	14.0
San Diego, CA	1.0	Zurich, Switzerland	15.0
San Francisco, CA	15.9		
San Jose, CA	1.0	Far East	
San Juan, Puerto Rico (USA)	11.3	Hong Kong **	7.0
Seattle/Tacoma, WA	3.0	Shanghai, China**	2.0
St. Louis, MO	4.1	Seoul, South Korea	5.5
Syracuse, NY	4.0	Singapore Via 1-Stop	7.0
Tampa, FL	4.0	Taipei, Taiwan**	4.0
Washington, DC	35.6	Tokyo, Japan	32.1
West Palm Beach/Palm B, FL	1.0		
@Daily	339	Central America	
		Cancun, Mexico	12.0
		Mexico City, Mexico	28.0
		San Pedro Sula, Honduras	14.0
		San Salvador, El Salvador	7.0
	Avg. Weekly Departures	Middle East	
Africa		Istanbul, Turkey	14.0
Accra, Ghana	2.9	Jeddah, Saudi Arabia	4.4
Cairo, Egypt	7.8	Riyadh, Saudi Arabia	2.0
Casablanca, Morocco	4.4	Tel Aviv, Israel	34.9
Dakar, Senegal	7.3		
Ilha Do Sal, Cape Verde Island	4.0	South America	
Johannesburg, South Africa	3.0	Bogota, Colombia	7.0
		Buenos Aires, Argentina	14.0
Canada		Caracas, Venezuela	21.0
Montreal, Canada	54.9	Georgetown, Guyana	4.9
Toronto, Canada	9.1	Guayaquil, Ecuador	12.0
Vancouver, Canada	7.0	Lima, Peru	14.0
Caribbean		Quito Ecuador Via 1-Stop	12.0
Antigua, Antigua & Barbuda	5.9	Rio De Janeiro, RJ, Brazil	21.0
Aruba, Aruba	7.0	Santiago, Chile	7.0
Bermuda, Bermuda (UK)	14.0	Sao Paulo, SP, Brazil	27.9
Bridgetown, Barbados	14.8		
Kingston, Jamaica	23.5	@Weekly each way average international	1,146.0
Montego Bay, Jamaica	16.5	@Daily each way average system =	503.0
Port Au Prince, Haiti	14.0		
Port of Spain, Trinidad & Toba	13.0	Domestic cities served nonstop:	43 Dom
Puerto Plata, Dominican Republic	14.0	International cities served nonstop:	78 Int'l + 6 direct
Santo Domingo, Dominican Republic	39.1		
St Lucia, St Lucia	1.0		
St Maarten, Neth Antil (NL)	3.9		
Europe			
Amsterdam, Netherlands	28.8		
Athens, Greece	18.9		
Barcelona, Spain	14.5		

*1-stop and 2-stop flights on Asian and South American airlines which travel via technical stops with no local rights or conditional stop-over local rights shown.

MAPS

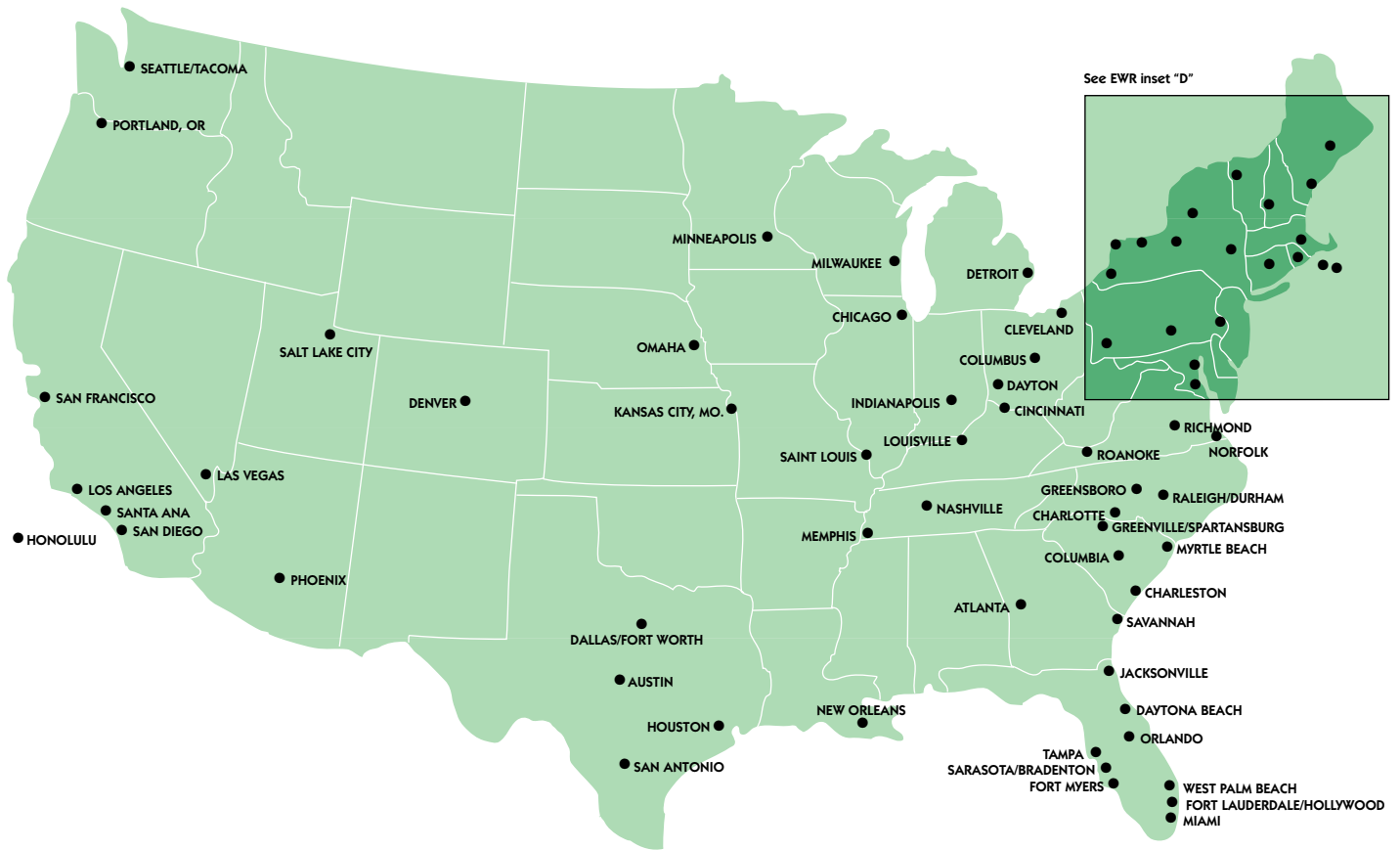
Newark International Airport

Scheduled Non-Stop Service

NEWARK INTERNATIONAL AIRPORT

Cities Served: Scheduled Domestic Non-Stop Service as of August 1998

Maps



EWR INT'L inset "D"



NEWARK INTERNATIONAL AIRPORT

Cities Served: Scheduled International Non-Stop Service as of August 1998

Maps



EWR INT'L inset "F"



EWR INT'L inset "E"



EWR*Cities having non-stop** passenger service in August 1998*

<i>Domestic Cities Served</i>	<i>Average Daily Departures</i>	<i>International Cities Served</i>	<i>Average Weekly Departures</i>
United States		Canada	
Aguadilla, Puerto Rico (USA)	.7	Halifax, Canada	14.0
Albany, NY	9.4	Montreal, Canada	53.1
Atlanta, GA	21.9	Ottawa, Canada	44.1
Austin, Tx	1.0	Quebec, Canada	7.0
Baltimore, MD	10.9	Toronto, Canada	70.1
Bangor, ME	4.1		
Boston, MA	24.0	Caribbean	
Buffalo, NY	9.3	Antigua, Antigua & Barbuda	1.5
Burlington, VT	4.9	Aruba, Aruba	9.0
Charleston, SC	2.0	Bermuda, Bermuda (UK)	14.0
Charlotte, NC	11.0	Montego Bay, Jamaica	7.0
Chicago, IL	42.6	Nassau, Bahamas	7.0
Cincinnati, OH	7.7	Santo Domingo, Dominican Republic	7.0
Cleveland, OH	7.7	St Maarten, Neth Antil (NL)	1.5
Columbia, SC	2.0		
Columbus, OH	6.2	Europe	
Dallas/Fort Worth, TX	14.7	Amsterdam, Netherlands	9.0
Dayton, OH	2.9	Birmingham, England, UK	7.0
Daytona Beach, FL	1.0	Brussels, Belgium	7.0
Denver, CO	10.4	Cologne/Dussldorf/Bonn, DE	14.0
Detroit, MI	15.7	Copenhagen, Denmark	14.0
Fort Lauderdale, FL	7.0	Dublin, Ireland	7.0
Fort Myers, FL	2.1	Frankfurt, Germany	14.0
Greensboro/High Point, NC	3.4	Geneva, Switzerland	7.0
Greenville, Sprtnbg, SC	2.9	Glasgow/Prestwick, Sct, UK	7.0
Harrisburg/York, PA	1.9	Krakow, Poland	1.0
Hartford, CT	5.9	Lisbon, Portugal	14.0
Honolulu, Oaha, Hawaii	1.0	London, England, UK	56.0
Houston, TX	9.9	Madrid, Spain	7.0
Indianapolis, IN	2.9	Manchester, England, UK	7.0
Jacksonville, FL	2.9	Milan, Italy	7.0
Kansas City, MO	3.6	Munich, Germany	7.0
Las Vegas, NV	4.0	Oslo, Norway	7.0
Los Angeles, CA	15.6	Paris, France	21.0
Louisville, KY	2.7	Prague, Czech	7.0
Manchester, NH	4.9	Rome, Italy	14.0
Marthas Vineyard, MA	3.6	Shannon, Ireland	14.0
Memphis, TN	3.0	Stansted, England, UK	1.0
Miami, FL	9.9	Stockholm, Sweden	7.0
Milwaukee, WI	6.4	Warsaw, Poland	2.9
Minneapolis/St Paul, MN	9.7	Zurich, Switzerland	7.0
Myrtle beach, SC	1.9		
Nantucket, MA	3.8	Far East	
Nashville, TN	2.9	Kuala Lumpur Via 1 Stop in Dubai	See Dubai
New Orleans, LA	3.9	Seoul, Korea-Via 1-Stop	2.9
Niagara Falls, NY	2.0	Singapore Via 1-Stop in AMS	See AMS
Norfolk/VA B/Pt/Ch, VA	4.1	Taipei, Taiwan**	7.0
Omaha, NB	.7		
Orlando, FL	18.8	Central America	
Phila, PA/Camden, NJ	4.1	Cancun, Mexico	22.9
Phoenix, AZ	7.4	Mexico City, Mexico	15.0
Pittsburgh, PA	12.0	Panama City, Panama	7.0
Portland, ME	6.7		
Portland, OR	1.0	Middle East	
Providence, RI	9.9	Tel Aviv, Israel	5.0
Raleigh/Durham, NC	7.6	Dubai, United Arab Emirates	2.9
Richmond Intl, Richmnd, VA	4.4		
Rochester, NY	10.2	South America	
Salt Lake City, UT	4.0	Baranquilla, Colombia	1.0
San Antonio, TX	1.0	Bogota, Colombia	7.0
San Diego, CA	4.0	Caracas, Venezuela	7.0
San Francisco, CA	10.9	Cartagena, Colombia	1.0
San Juan, Puerto Rico (USA)	6.1	Lima, Peru	7.0
Santa Ana, CA	2.0	Rio De Janeiro, RJ, Brazil	7.0
Sarasota/Bradenton, FL	1.0	Santiago, Chile	7.0
Savannah, GA	2.9	Sao Paulo, SP, Brazil	7.0
Seattle/Tacoma, WA	3.0		
St Louis, MO	8.6	@Weekly each way average international =	85.0
Syracuse, NY	7.3	@Daily each way average EWR Airport +	602.0
Tampa, FL	7.1		
Utica/Rome, NY	.4	Domestic cities served nonstop:	73 Dom
Washington, DC	32.9	International cities served nonstop:	49 Int'l + 5 direct
West Palm Beach/Palm B, FL	8.1		
@Daily	515		

*1-stop and 2-stop flights on Asian and South American airlines which travel via technical stops with no local rights or conditional stop-over local rights or conditional stop-over local rights are shown. For EWR Kuala Lumpur is shown as a note and not counted as a destination as

MAPS

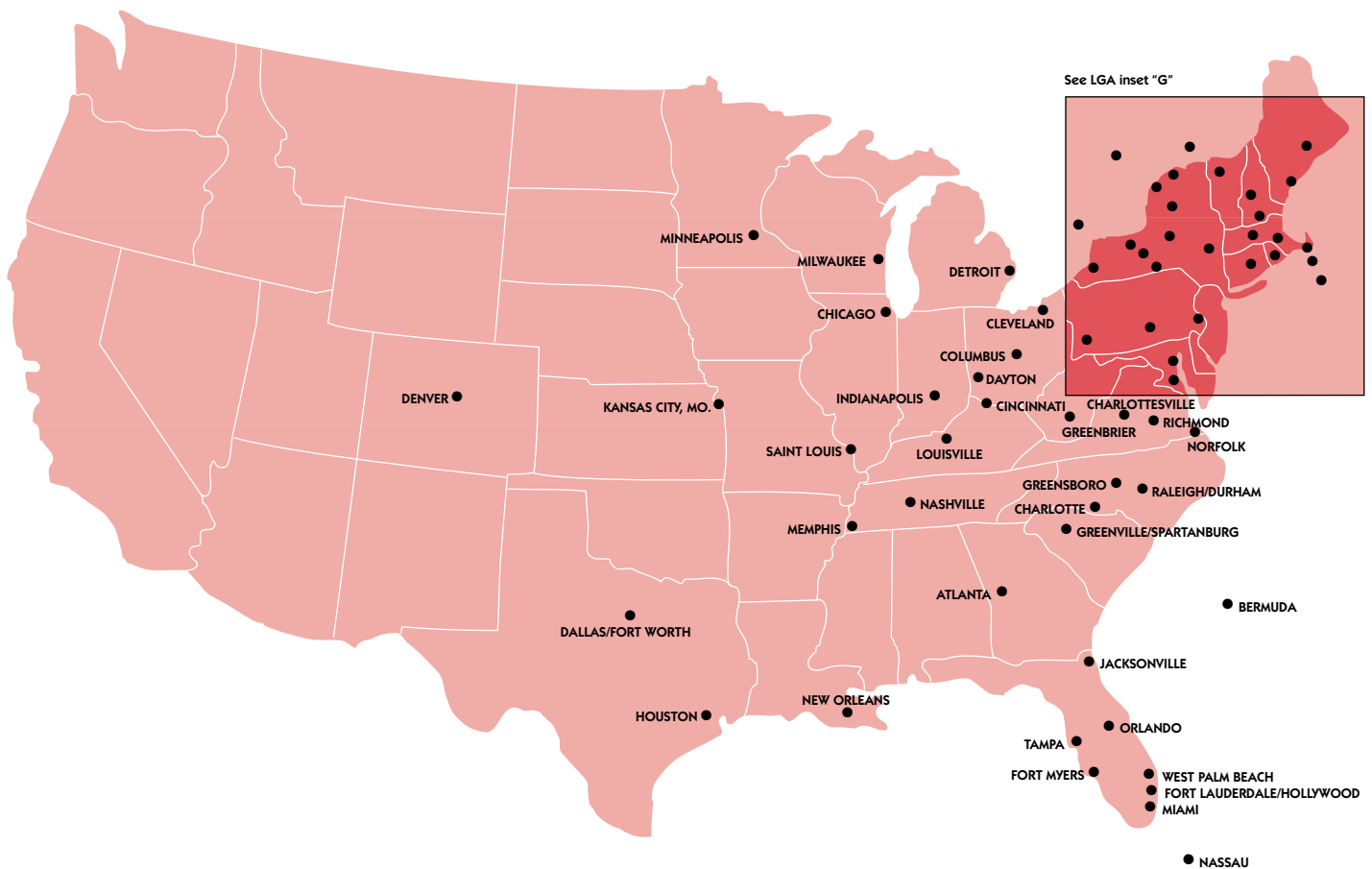
LaGuardia Airport

Scheduled Non-Stop Service

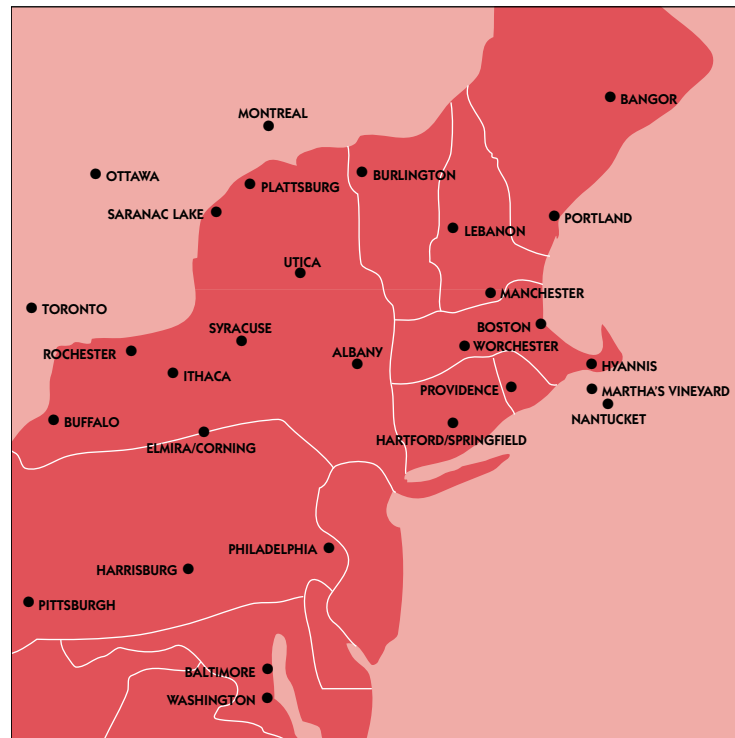
LAGUARDIA AIRPORT

Cities Served: Scheduled Non-Stop Service as of August 1998

Maps



LGA inset "G"



LGA

Cities having non-stop** passenger service in August 1998

<i>Domestic Cities Served</i>	<i>Average Daily Departures</i>	<i>International Cities Served</i>	<i>Average Weekly Departures</i>
United States		Canada	
Albany, NY	3.9	Montreal, Canada	71.1
Atlanta, GA	21.7	Ohawa, Canada	26.0
Baltimore, MD	3.9	Toronto, Canada	158.2
Bangor, ME	1.0		
Boston, MA	31.7	Caribbean	
Buffalo, NY	5.5	Bermuda, Bermuda (UK)	7.0
Burlington, VT	5.0	Nassau, Bahamas	2.0
Charlotte, NC	10.7	@Weekly each way average International =	264.0
Charlottesville, VA	.9	@Daily each way average system =	473.0
Chicago, IL	33.1		
Cincinnati, OH	5.5	Domestic cities served nonstop:	60 Dom
Cleveland, OH	6.7	International cities served nonstop:	5 Int'l
Columbus, OH	5.3		
Dallas/Fort Worth, TX	20.0		
Dayton, OH	1.0		
Denver, CO	8.0		
Detroit, MI	8.9		
Elmira/Corning, NY	3.4		
Fort Lauderdale, FL	8.5		
Fort Myers, FL	1.0		
Greenbrier/Wh Sulph Spg, WV	.4		
Greensboro/High Point, NC	2.7		
Greenville, Sprtnbg, SC	.9		
Harrisburg/York, PA	2.4		
Hartford, CT	4.6		
Houston, TX	9.2		
Hyannis, MA	3.4		
Indianapolis, IN	2.4		
Ithaca, NY	2.4		
Jacksonville, FL	1.9		
Kansas City, MO	3.4		
Lebanon, NH/Wh Riv Jct, VT	3.3		
Louisville, KY	.9		
Manchester, NH	14.6		
Martha's Vineyard, MA	4.6		
Memphis, TN	2.9		
Miami, FL	10.5		
Milwaukee, WI	3.9		
Minneapolis/St Paul, MN	7.9		
Nantucket, MA	3.8		
Nashville, TN	4.0		
New Orleans, LA	1.0		
Norfolk/VA B/Pt/Ch, VA	2.4		
Orlando, FL	10.5		
Phila, PA/Camden, NJ	6.6		
Pittsburgh, PA	9.0		
Plattsburgh, NY	.1		
Portland, ME	13.6		
Providence, RI	16.8		
Raleigh/Durham, NC	8.4		
Richmond Intl, Richmnd, VA	3.3		
Rochester, NY	11.7		
Saranac Lake/Lk Placid, NY	.2		
St Louis, MO	6.3		
Syracuse, NY	8.9		
Tampa, FL	4.9		
Utica/Rome, NY	.9		
Washington, DC	45.1		
West Palm Beach/Palm B, FL	6.5		
Worcester, MA	3.4		
@Daily	436		

PASSENGER TRAFFIC

Top Fifteen Airport Comparisons

Commercial Passenger Traffic

Passenger Traffic In Helicopters

Passenger Traffic By Market

Passenger Traffic By Airline

Passenger Traffic By Terminal

Top 25 Origins/Destinations

Passenger Demographics

2.1.1

U.S. Passenger Traffic

Top Fifteen Airport Comparisons

1998

RANK	AIRPORT, LOCATION	# OF PASSENGERS	% CHANGE 1997-1998
1	Hartsfield Atlanta International Atlanta, GA	73,474,298	7.7
2	O'Hare International Chicago, IL	72,369,951	3.0
3	Los Angeles International Los Angeles, CA	61,216,072	1.8
4	DFW International Dallas-Fort Worth, TX	60,482,700	0.0
5	San Francisco International San Francisco, CA	40,059,975	-1.1
6	Denver International Denver, CO	36,817,520	5.3
7	Miami International Miami, FL	33,935,491	-1.7
8	Newark International Newark, NJ	32,620,671	5.4
9	Sky Harbor International Phoenix, AZ	31,771,762	3.6
10	Metropolitan Wayne County Detroit, MI	31,544,426	0.1
11	JFK International New York, NY	31,044,595	-1.0
12	Houston Intercontinental Houston, TX	31,025,726	8.1
13	McCarran International Las Vegas, NV	30,217,665	-0.3
14	Lambert-St. Louis International St. Louis, MO	28,640,345	3.5
15	Minneapolis-St. Paul International Minneapolis, MN	28,532,487	-2.8

LaGuardia ranked 22nd in passenger traffic in 1998 (5.8% increase vs. 1997)

Source: Airports Council International – Preliminary 1998 North American Airport Traffic Report

2.1.2*Worldwide Passenger Traffic***Top Fifteen
Airport Comparisons****1998**

RANK	AIRPORT, LOCATION	# OF PASSENGERS	% CHANGE 1997-1998
1	Hartsfield Atlanta International Atlanta, USA	73,474,298	7.7
2	O'Hare International Chicago, USA	72,369,951	3.0
3	Los Angeles International Los Angeles, USA	61,216,072	1.8
4	Heathrow London, UK	60,659,500	4.3
5	DFW International Dallas-Fort Worth, USA	60,482,700	0.0
6	Tokyo International (Haneda) Tokyo, JAPAN	51,240,704	3.9
7	Frankfurt/Main International Frankfurt, GERMANY	42,734,178	6.1
8	San Francisco International San Francisco, USA	40,059,975	-1.1
9	Charles de Gaulle Paris, FRANCE	38,628,916	9.5
10	Denver International Denver, USA	36,817,520	5.3
11	Schiphol Amsterdam, NETHERLANDS	34,420,143	9.0
12	Miami International Miami, USA	33,935,491	-1.7
13	Newark International Newark, USA	32,620,671	5.4
14	Sky Harbor International Seoul, KOREA	31,771,762	3.6
15	Metropolitan Wayne County Detroit, USA	31,544,426	0.1

JFK International ranked 16th in passenger traffic in 1998 (1.0% decrease vs. 1997)

LaGuardia ranked 37th in passenger traffic in 1998 (5.8% increase vs. 1997)

Source: Airports Council International – Preliminary Worldwide Airport Traffic Report – Calendar Year 1997

Commercial Passenger Traffic

2.2.1 JFK

Annual Totals 1985-1998

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	13,195,027	321,187	464,161	13,980,375
1986	12,597,588	61,296	593,022	13,251,906
1987	13,327,216	24,525	1,002,606	14,354,347
1988	13,098,126	25,786	1,292,397	14,416,309
1989	12,204,201	61,443	1,365,859	13,631,503
1990	11,714,046	17,116	1,312,582	13,043,744
1991	10,434,204	6,887	1,231,355	11,672,446
1992	10,800,891	23,498	1,833,050	12,657,439
1993	9,811,548	119,193	1,851,072	11,781,813
1994	10,879,669	55,916	1,973,649	12,909,234
1995	11,386,305	94,625	1,831,516	13,312,446
1996	11,863,602	69,323	1,769,330	13,702,255
1997	12,047,373	66,028	1,798,228	13,911,629
1998	11,308,438	98,433	1,807,696	13,214,567

International

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	14,429,116	535,797	–	14,964,913
1986	13,614,290	326,663	–	13,940,953
1987	15,555,112	283,018	–	15,838,130
1988	16,425,504	323,863	–	16,749,367
1989	16,313,415	378,159	–	16,691,574
1990	16,468,080	282,526	–	16,750,606
1991	14,391,773	164,849	–	14,556,622
1992	14,927,914	175,559	–	15,103,473
1993	14,857,158	157,878	–	15,015,036
1994	15,778,997	131,012	–	15,910,009
1995	16,922,693	88,766	51,473	17,062,932
1996	17,293,656	76,322	83,263	17,453,241
1997	17,321,781	60,361	63,450	17,445,592
1998	17,613,927	130,371	79,900	17,824,198

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	27,624,143	856,984	464,161	28,945,288
1986	26,211,878	387,959	593,022	27,192,859
1987	28,882,328	307,543	1,002,606	30,192,477
1988	29,523,630	349,649	1,292,397	31,165,676
1989	28,517,616	439,602	1,365,859	30,323,077
1990	28,182,126	299,642	1,312,582	29,794,350
1991	24,825,977	171,736	1,231,355	26,229,068
1992	25,728,805	199,057	1,833,050	27,760,912
1993	24,668,706	277,071	1,851,072	26,796,849
1994	26,658,666	186,928	1,973,649	28,819,243
1995	28,308,998	183,391	1,882,989	30,375,378
1996	29,157,258	145,645	1,852,593	31,155,496
1997	29,369,154	126,389	1,861,678	31,357,221
1998	28,922,365	228,804	1,887,596	31,038,765

Commercial Passenger Traffic

2.2.1 EWR

Annual Totals 1985-1998

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	27,439,816	4,798	310,001	27,754,615
1986	28,090,697	4,602	518,728	28,614,027
1987	22,160,596	15,207	477,926	22,653,729
1988	20,820,073	2,141	504,692	21,326,906
1989	18,474,168	2,082	762,862	19,239,112
1990	18,606,513	709	1,081,145	19,688,367
1991	18,274,938	3,341	1,211,123	19,489,40
1992	19,274,678	80,511	1,613,198	20,968,387
1993	20,317,285	158,772	1,894,035	22,370,092
1994	22,164,675	401,195	1,804,644	24,370,514
1995	20,241,654	568,422	1,968,624	22,778,700
1996	21,872,268	525,795	2,121,637	24,519,700
1997	22,713,265	342,214	2,271,508	25,326,987
1998	23,055,489	396,583	2,404,735	25,856,807

International

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	806,506	15,465	–	821,971
1986	803,393	15,626	–	819,019
1987	795,606	25,919	–	821,525
1988	1,121,926	46,736	–	1,168,662
1989	1,629,149	59,685	–	1,688,834
1990	2,496,010	70,625	–	2,566,635
1991	2,704,846	82,148	–	2,786,994
1992	3,195,741	120,120	–	3,315,861
1993	3,349,955	89,366	–	3,439,321
1994	3,573,134	76,336	–	3,649,470
1995	3,770,462	74,645	–	3,845,107
1996	4,540,964	46,795	–	4,587,759
1997	5,547,570	71,188	–	5,618,758
1998	6,685,417	88,542	–	6,773,959

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	28,246,322	20,263	310,001	28,576,586
1986	28,894,090	20,228	518,728	29,433,046
1987	22,956,202	41,126	477,926	23,475,254
1988	21,941,999	48,877	504,692	22,495,568
1989	20,103,317	61,767	762,862	20,927,946
1990	21,102,523	71,334	1,081,145	22,255,002
1991	20,979,784	85,489	1,211,123	22,276,396
1992	22,470,419	200,631	1,613,198	24,284,248
1993	23,667,240	248,138	1,894,035	25,809,413
1994	25,737,809	477,531	1,804,644	28,019,984
1995	24,012,116	643,067	1,968,624	26,623,807
1996	26,413,232	572,590	2,121,637	29,107,459
1997	28,260,835	413,402	2,271,508	30,945,745
1998	29,740,906	485,125	2,404,735	32,630,766

Commercial Passenger Traffic

2.2.1 LGA

Annual Totals 1985-1998

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	19,665,170	118	741,408	20,406,696
1986	21,254,871	—	739,030	21,993,901
1987	23,265,692	—	784,514	24,050,206
1988	22,025,834	—	757,824	22,783,658
1989	21,014,594	—	661,280	21,675,874
1990	20,764,443	—	635,358	21,399,801
1991	17,912,432	—	583,426	18,495,858
1992	17,846,478	54	709,420	18,555,952
1993	17,815,223	—	798,237	18,613,460
1994	18,693,791	3,811	832,894	19,530,496
1995	18,429,826	2,857	876,656	19,309,339
1996	18,365,675	331	971,100	19,337,106
1997	19,189,870	1,024	1,114,357	20,305,251
1998	20,372,921	271	1,195,020	21,568,212

International

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	135,756	—	—	135,756
1986	194,970	—	—	194,970
1987	175,707	—	—	175,707
1988	1,375,122	—	—	1,375,122
1989	1,482,443	—	—	1,482,443
1990	1,364,803	—	—	1,364,803
1991	1,190,398	—	—	1,190,398
1992	1,189,895	—	—	1,189,895
1993	1,191,106	—	—	1,189,106
1994	1,199,655	316	—	1,199,971
1995	1,289,871	—	—	1,289,871
1996	1,316,303	103	45,624	1,362,030
1997	1,203,894	49	98,254	1,302,197
1998	1,160,032	—	81,108	1,241,140

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	19,800,926	118	741,408	20,542,452
1986	21,449,841	—	739,030	22,188,871
1987	23,441,399	—	784,514	24,225,913
1988	23,400,956	—	757,824	24,158,780
1989	22,497,037	—	661,280	23,158,317
1990	22,129,246	—	635,358	22,764,604
1991	19,102,830	—	583,426	19,686,256
1992	19,036,373	54	709,420	19,745,847
1993	19,006,329	—	798,237	19,804,566
1994	19,893,446	4,127	832,894	20,730,467
1995	19,719,697	2,857	876,656	20,599,210
1996	19,681,978	434	1,016,724	20,699,136
1997	20,393,764	1,073	1,212,611	21,607,448
1998	21,532,953	271	1,276,128	22,809,352

Commercial Passenger Traffic

2.2.1 REGION

Annual Totals 1985-1998

Domestic

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	60,300,013	326,103	1,515,570	62,141,686
1986	61,943,156	65,898	1,850,780	63,859,834
1987	58,753,504	39,732	2,265,046	61,058,282
1988	55,944,033	27,927	2,554,913	58,526,873
1989	51,692,963	63,525	2,790,001	54,546,489
1990	51,085,002	17,825	3,029,085	54,131,912
1991	46,621,574	10,228	3,025,904	49,657,706
1992	47,922,047	104,063	4,155,668	52,181,778
1993	47,944,056	277,965	4,543,344	52,765,365
1994	51,738,135	460,922	4,611,187	56,810,244
1995	50,057,785	665,904	4,676,796	55,400,485
1996	52,101,545	595,449	4,862,067	57,559,061
1997	53,950,508	409,266	5,184,093	59,543,867
1998	54,736,848	495,287	5,407,451	60,639,586

International

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	15,371,378	551,262	–	15,922,640
1986	14,612,653	342,289	–	14,954,942
1987	16,526,425	308,937	–	16,835,362
1988	18,922,552	370,599	–	19,293,151
1989	19,425,007	437,844	–	19,862,851
1990	20,328,893	353,151	–	20,682,044
1991	18,287,017	246,997	–	18,534,014
1992	19,313,550	295,679	–	19,609,229
1993	19,398,219	247,244	–	19,645,463
1994	20,551,786	207,664	–	20,759,450
1995	21,983,026	163,411	51,473	22,197,910
1996	23,150,923	123,220	128,887	23,403,030
1997	24,073,245	131,598	161,704	24,366,547
1998	25,459,376	218,913	161,008	25,839,297

Domestic and International Totals

YEAR	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL
1985	75,671,391	877,365	1,515,570	78,064,326
1986	76,555,809	408,187	1,850,780	78,814,776
1987	75,279,929	348,669	2,265,046	77,893,644
1988	74,866,585	398,526	2,554,913	77,820,024
1989	71,117,970	501,369	2,790,001	74,409,340
1990	71,413,895	370,976	3,029,085	74,813,956
1991	64,908,591	257,225	3,025,904	68,191,720
1992	67,235,597	399,742	4,155,668	71,791,007
1993	67,342,275	525,209	4,543,344	72,410,828
1994	72,289,921	668,586	4,611,187	77,569,694
1995	72,040,811	829,315	4,728,269	77,598,395
1996	75,252,468	718,669	4,990,954	80,962,091
1997	78,023,753	540,864	5,345,797	83,910,414
1998	80,196,224	714,200	5,568,459	86,478,883

Commercial Passenger Traffic

2.2.2 JFK

Monthly Totals 1998

Domestic

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	914,272	3,170	127,749	1,045,191	2.4
Feb.	847,497	3,543	114,714	964,754	4.2
Mar.	896,253	6,802	150,159	1,053,214	-8.3
Apr.	935,105	8,252	148,480	1,091,837	-2.0
May	982,818	9,578	164,461	1,156,857	0.5
June	1,037,632	6,559	156,664	1,200,855	-3.1
July	1,094,370	10,436	178,638	1,283,444	-10.1
Aug.	1,155,814	8,270	177,084	1,341,168	-10.1
Sept.	903,673	9,880	164,819	1,078,372	-2.3
Oct.	830,106	6,157	145,550	981,813	-12.2
Nov.	806,779	10,842	141,595	959,216	-8.5
Dec.	904,119	14,944	137,783	1,056,846	-5.9
Total 1998	11,308,438	98,433	1,807,696	13,214,567	-5.0
% Change 1997 to 1998	-6.1	49.1	0.5	-5.0	

International

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	1,268,745	7,469	4,461	1,280,675	5.2
Feb.	1,083,650	6,017	4,003	1,093,670	6.2
Mar.	1,395,686	10,795	4,895	1,411,376	4.4
Apr.	1,417,268	6,954	4,963	1,429,185	8.7
May	1,486,504	8,228	6,803	1,501,535	3.3
June	1,621,243	10,532	7,496	1,639,271	2.9
July	1,806,219	23,776	9,693	1,839,688	1.3
Aug.	1,922,387	26,641	10,225	1,959,253	-0.4
Sept.	1,572,815	9,742	11,110	1,593,667	-0.7
Oct.	1,476,221	5,463	6,771	1,488,455	1.1
Nov.	1,248,980	4,020	4,494	1,257,494	-1.4
Dec.	1,314,209	10,734	4,986	1,329,929	-1.3
Total 1998	17,613,927	130,371	79,900	17,824,198	2.2
% Change 1997 to 1998	1.7	116.0	25.9	2.2	

Domestic and International Totals

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	2,183,017	10,639	132,210	2,325,866	3.9
Feb.	1,931,147	9,560	118,717	2,059,424	5.3
Mar.	2,291,939	17,597	155,054	2,464,590	-1.4
Apr.	2,352,373	15,206	153,443	2,521,022	3.8
May	2,469,322	17,806	171,264	2,658,392	2.1
June	2,658,875	17,091	164,160	2,840,126	0.3
July	2,900,589	34,212	188,331	3,123,132	-3.8
Aug.	3,078,201	34,911	187,309	3,300,421	-4.6
Sept.	2,476,488	19,622	175,929	2,672,039	-1.4
Oct.	2,306,327	11,620	152,321	2,470,268	-4.6
Nov.	2,055,759	14,862	146,089	2,216,710	-4.6
Dec.	2,218,328	25,678	142,769	2,386,775	-3.4
Total 1998	28,922,365	228,804	1,887,596	31,038,765	-1.0
% Change 1997 to 1998	-1.5	81.0	1.4	-1.0	

Commercial Passenger Traffic

2.2.2 EWR

Monthly Totals 1998

Domestic

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	1,635,967	18,934	143,525	1,798,426	1.0
Feb.	1,581,238	19,267	152,815	1,753,320	-1.2
Mar.	1,938,011	41,288	203,461	2,182,760	0.8
Apr.	1,994,697	65,151	214,948	2,274,796	3.9
May	1,961,300	39,389	218,925	2,219,614	2.5
June	1,996,927	23,621	208,858	2,229,406	2.7
July	2,123,269	33,044	241,395	2,397,708	3.5
Aug.	2,204,277	35,940	234,369	2,474,586	0.6
Sept.	1,836,629	19,829	211,325	2,067,783	3.4
Oct.	1,985,509	28,667	203,792	2,217,968	3.0
Nov.	1,873,757	36,505	184,868	2,095,130	2.7
Dec.	1,923,908	34,948	186,454	2,145,310	1.6
Total 1998	23,055,489	396,583	2,404,735	25,856,807	2.1
% Change 1997 to 1998	1.5	15.9	5.9	2.1	

International

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	409,513	8,739	–	418,252	25.4
Feb.	384,332	7,739	–	392,071	25.6
Mar.	506,295	15,847	–	522,142	28.1
Apr.	527,697	9,421	–	537,118	30.6
May	574,038	5,908	–	579,946	21.2
June	631,968	7,645	–	639,613	20.7
July	686,201	9,362	–	695,563	13.6
Aug.	711,393	10,236	–	721,629	12.2
Sept.	599,886	5,585	–	605,471	16.2
Oct.	588,359	2,399	–	590,758	20.4
Nov.	497,300	2,706	–	500,006	15.1
Dec.	568,435	2,955	–	571,390	28.8
Total 1998	6,685,417	88,542	–	6,773,959	20.6
% Change 1997 to 1998	20.5	24.4	–	20.6	

Domestic and International Totals

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	2,045,480	27,673	143,525	2,216,678	4.8
Feb.	1,965,570	27,006	152,815	2,145,391	2.8
Mar.	2,444,306	57,135	203,461	2,704,902	5.1
Apr.	2,522,394	74,572	214,948	2,811,914	8.1
May	2,535,338	45,297	218,925	2,799,560	5.9
June	2,628,895	31,266	208,858	2,869,019	6.2
July	2,809,470	42,406	241,395	3,093,271	5.6
Aug.	2,915,670	46,176	234,369	3,196,215	3.0
Sept.	2,436,515	25,414	211,325	2,673,254	6.0
Oct.	2,573,868	31,066	203,792	2,808,726	6.3
Nov.	2,371,057	39,211	184,868	2,595,136	4.9
Dec.	2,492,343	37,903	186,454	2,716,700	6.4
Total 1998	29,740,906	485,125	2,404,735	32,630,766	5.4
% Change 1997 to 1998	5.2	17.3	5.9	5.4	

Commercial Passenger Traffic

2.2.2 LGA

Monthly Totals 1998

Domestic

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	1,405,849	—	72,507	1,478,356	0.6
Feb.	1,457,541	—	84,768	1,542,309	3.3
Mar.	1,741,244	—	101,328	1,842,572	5.5
Apr.	1,802,905	47	101,341	1,904,293	6.5
May	1,794,524	—	100,452	1,894,976	5.6
June	1,735,432	224	106,254	1,841,910	4.8
July	1,769,281	—	108,478	1,877,759	9.5
Aug.	1,784,160	—	108,255	1,892,415	5.3
Sept.	1,603,921	—	102,877	1,706,798	5.5
Oct.	1,780,998	—	112,312	1,893,310	8.1
Nov.	1,764,759	—	99,380	1,864,139	13.7
Dec.	1,732,307	—	97,068	1,829,375	5.6
Total 1998	20,372,921	271	1,195,020	21,568,212	6.2
% Change 1997 to 1998	6.2	-73.5	7.2	6.2	

International

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	75,141	—	5,523	80,664	-6.4
Feb.	77,628	—	5,872	83,500	-7.5
Mar.	91,559	—	6,420	97,979	-7.6
Apr.	88,424	—	5,600	94,024	-13.8
May	101,415	—	6,104	107,519	-9.8
June	109,376	—	5,782	115,158	2.3
July	106,918	—	6,995	113,913	2.2
Aug.	115,508	—	9,378	124,886	-3.9
Sept.	87,666	—	10,897	98,563	-16.2
Oct.	108,807	—	8,075	116,882	2.7
Nov.	102,543	—	5,557	108,100	1.9
Dec.	95,047	—	4,905	99,952	0.0
Total 1998	1,160,032	—	81,108	1,241,140	-4.7
% Change 1997 to 1998	-3.6	-100.0	-17.5	-4.7	
	-8.5	-52.4	115.4	-4.4	

Domestic and International Totals

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	1,480,990	—	78,030	1,559,020	0.2
Feb.	1,535,169	—	90,640	1,625,809	2.7
Mar.	1,832,803	—	107,748	1,940,551	4.8
Apr.	1,891,329	47	106,941	1,998,317	5.3
May	1,895,939	—	106,556	2,002,495	4.7
June	1,844,808	224	112,036	1,957,068	4.6
July	1,876,199	—	115,473	1,991,672	9.1
Aug.	1,899,668	—	117,633	2,017,301	4.7
Sept.	1,691,587	—	113,774	1,805,361	4.0
Oct.	1,889,805	—	120,387	2,010,192	7.8
Nov.	1,867,302	—	104,937	1,972,239	12.9
Dec.	1,827,354	—	101,973	1,929,327	5.3
Total 1998	21,532,953	271	1,276,128	22,809,352	5.6
% Change 1997 to 1998	5.6	-74.7	5.2	5.6	

Commercial Passenger Traffic

2.2.2 REGION

Monthly Totals 1998

Domestic

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	3,956,088	22,104	343,781	4,321,973	1.2
Feb.	3,886,276	22,810	352,297	4,261,383	1.6
Mar.	4,575,508	48,090	454,948	5,078,546	0.4
April	4,732,707	73,450	464,769	5,270,926	3.5
May	4,738,642	48,967	483,838	5,271,447	3.1
June	4,769,991	30,404	471,776	5,272,171	2.0
July	4,986,920	43,480	528,511	5,558,911	1.8
Aug.	5,144,251	44,210	519,708	5,708,169	-0.7
Sept.	4,344,223	29,709	479,021	4,852,953	2.8
Oct.	4,596,613	34,824	461,654	5,093,091	1.4
Nov.	4,445,295	47,347	425,843	4,918,485	4.0
Dec.	4,560,334	49,892	421,305	5,031,531	1.3
Total 1998	54,736,848	495,287	5,407,451	60,639,586	1.8
% Change 1997 to 1998	1.5	21.0	4.3	1.8	

International

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	1,753,399	16,208	9,984	1,779,591	8.7
Feb.	1,545,610	13,756	9,875	1,569,241	9.6
Mar.	1,993,540	26,642	11,315	2,031,497	8.9
Apr.	2,033,389	16,375	10,563	2,060,327	12.2
May	2,161,957	14,136	12,907	2,189,000	6.7
June	2,362,587	18,177	13,278	2,394,042	7.1
July	2,599,338	33,138	16,688	2,649,164	4.3
Aug.	2,749,288	36,877	19,603	2,805,768	2.4
Sept.	2,260,367	15,327	22,007	2,297,701	2.4
Oct.	2,173,387	7,862	14,846	2,196,095	5.7
Nov.	1,848,823	6,726	10,051	1,865,600	2.8
Dec.	1,977,691	13,689	9,891	2,001,271	5.8
Total 1998	25,459,376	218,913	161,008	25,839,297	6.0
% Change 1997 to 1998	5.8	66.3	-0.4	6.0	

Domestic and International Totals

MONTH	SCHEDULED PASSENGER	CHARTER	COMMUTER	TOTAL	% CHANGE 1997-98
Jan.	5,709,487	38,312	353,765	6,101,564	3.3
Feb.	5,431,886	36,566	362,172	5,830,624	3.6
Mar.	6,569,048	74,732	466,263	7,110,043	2.7
Apr.	6,766,096	89,825	475,332	7,331,253	5.8
May	6,900,599	63,103	496,745	7,460,447	4.2
June	7,132,578	48,581	485,054	7,666,213	3.6
July	7,586,258	76,618	545,199	8,208,075	2.6
Aug.	7,893,539	81,087	539,311	8,513,937	0.3
Sept.	6,604,590	45,036	501,028	7,150,654	2.7
Oct.	6,770,000	42,686	476,500	7,329,707	3.2
Nov.	6,294,118	54,073	435,894	6,784,085	3.7
Dec.	6,538,025	63,581	431,196	7,032,802	2.5
Total 1998	80,196,224	714,200	5,568,459	86,519,404	3.1
% Change 1997 to 1998	2.4	32.0	4.2	3.1	

2.3.1

Annual Totals 1985-1998

Passenger Traffic In Helicopters

YEAR	JFK*	EWR*	LGA	WEST 30TH STREET	DOWNTOWN	TOTAL
1985	162,696	61,301	35,439	—	5,218	264,654
1986	126,284	36,496	18,308	—	34,456	215,544
1987	76,131	13,991	2,882	—	27,422	120,426
1988	47,090	—	—	—	26,306	73,396
1989	35,089	—	581	—	21,780	57,450
1990	33,534	2,064	2,534	—	23,454	61,586
1991	19,822	812	—	—	18,776	39,410
1992	22,760	—	—	—	17,023	39,783
1993	25,456	—	—	—	16,269	41,725
1994	177	—	—	—	15,944	16,121
1995	—	—	—	—	18,756	18,756
1996	—	—	—	—	27,741	27,741
1997	—	—	—	—	39,609	39,609
1998	—	—	—	—	61,520	61,520

*NY Helicopter, DHL, Pan Am Helicopter included beginning 1985

Note: No passenger activity for scheduled helicopters at JFK, EWR, and LGA as of February, 1994.

West 30th Street Heliport passenger data not available.

2.3.2

Monthly Totals 1997-1998

Passenger Traffic In Helicopters

1997

MONTH	JFK	EWR	LGA	WEST 30TH STREET	DOWNTOWN	TOTAL
Jan.	—	—	—	—	1,370	1,370
Feb.	—	—	—	—	1,494	1,494
Mar.	—	—	—	—	2,330	2,330
Apr.	—	—	—	—	2,564	2,564
May	—	—	—	—	2,970	2,970
June	—	—	—	—	1,893	1,893
July	—	—	—	—	2,479	2,479
Aug.	—	—	—	—	6,016	6,016
Sept.	—	—	—	—	5,961	5,961
Oct.	—	—	—	—	5,372	5,372
Nov.	—	—	—	—	4,330	4,330
Dec.	—	—	—	—	2,830	2,830
Total 1997	—	—	—	—	39,609	39,609

1998

MONTH	JFK	EWR	LGA	WEST 30TH STREET	DOWNTOWN	TOTAL
Jan.	—	—	—	—	1,389	1,389
Feb.	—	—	—	—	1,772	1,772
Mar.	—	—	—	—	5,014	5,014
Apr.	—	—	—	—	6,245	6,245
May	—	—	—	—	4,553	4,553
June	—	—	—	—	5,004	5,004
July	—	—	—	—	4,172	4,172
Aug.	—	—	—	—	5,751	5,751
Sept.	—	—	—	—	6,428	6,428
Oct.	—	—	—	—	8,124	8,124
Nov.	—	—	—	—	7,100	7,100
Dec.	—	—	—	—	6,967	6,967
Total 1998	—	—	—	—	61,520	61,520

Note: No passenger activity for scheduled helicopters at JFK, EWR, and LGA

JFK 2.4.1

Annual Totals 1985-1998

Passenger Traffic By Market

YEAR	BERMUDA	CANADA/ MEXICO*	DOMESTIC	LATIN AMERICA*	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	158,373	–	12,569,494	3,254,849	1,410,881	10,812,809	738,882	28,945,288
1986	240,531	–	11,808,965	3,497,640	1,442,941	9,410,522	792,260	27,192,859
1987	257,049	–	12,599,897	3,668,929	1,754,450	11,055,045	857,107	30,192,477
1988	241,374	144,996	12,715,599	3,822,393	1,700,710	11,632,933	907,671	31,165,676
1989	192,030	277,913	12,027,799	3,779,071	1,603,704	11,484,989	957,571	30,323,077
1990	223,624	354,563	11,540,586	3,598,334	1,503,158	11,613,167	960,918	29,794,350
1991	169,632	410,866	10,275,412	3,142,093	1,397,034	9,850,487	983,544	26,229,068
1992	144,269	562,254	11,215,147	3,020,686	1,442,292	10,297,799	1,078,465	27,760,912
1993	164,803	499,222	10,480,399	3,341,400	1,301,414	9,875,250	1,134,361	26,796,849
1994	168,721	414,436	11,516,300	3,436,888	1,392,934	10,764,509	1,125,455	28,819,243
1995	167,274	416,686	11,812,846	3,688,968	1,499,600	11,577,788	1,212,216	30,375,378
1996	174,497	521,373	12,200,744	3,584,208	1,501,511	11,801,458	1,371,705	31,155,496
1997	183,227	558,626	12,349,533	3,707,490	1,562,096	11,534,178	1,462,071	31,357,221
1998	181,662	554,504	11,827,827	3,914,311	1,386,740	11,704,201	1,469,520	31,038,765

EWR 2.4.1

Annual Totals 1985-1998

Passenger Traffic By Market

YEAR	BERMUDA	CANADA/ MEXICO*	DOMESTIC	LATIN AMERICA*	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	94,729	–	27,375,822	129,554	378,793	597,688	–	28,576,586
1986	93,586	–	28,126,488	102,801	487,539	622,632	–	29,433,046
1987	93,710	–	22,093,082	99,867	560,647	627,948	–	23,475,254
1988	93,191	296,107	20,770,774	111,879	556,132	643,796	23,689	22,495,568
1989	71,510	353,685	18,768,221	428,264	470,891	835,375	–	20,927,946
1990	110,657	398,211	19,227,396	543,755	460,971	1,420,910	93,102	22,255,002
1991	83,982	387,321	19,100,727	570,034	388,675	1,659,533	86,124	22,276,396
1992	103,231	460,130	20,528,460	548,373	439,927	2,089,309	114,818	24,284,248
1993	107,678	533,677	21,865,770	542,715	504,322	2,117,877	137,374	25,809,413
1994	97,547	682,225	23,818,146	483,492	552,368	2,213,866	172,340	28,019,98
1995	110,668	749,092	22,067,133	457,891	711,567	2,328,796	198,660	26,623,807
1996	138,039	840,679	23,804,526	617,085	715,174	2,855,100	136,856	29,107,459
1997	115,552	918,343	24,670,114	754,391	656,873	3,645,959	184,573	30,945,745
1998	113,886	1,033,893	25,248,909	877,704	607,898	4,580,548	167,928	32,630,766

*Prior to 1988 Canada/Mexico was included in "Domestic"

•Caribbean is included in Latin America

LGA 2.4.1

Annual Totals 1985-1998

Passenger Traffic By Market

YEAR	BERMUDA	CANADA/ MEXICO*†	DOMESTIC	LATIN AMERICA*	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	73,810	—	20,406,696	61,946	—	—	—	20,542,452
1986	60,504	—	21,993,901	134,466	—	—	—	22,188,871
1987	63,688	—	24,050,206	112,019	—	—	—	24,225,913
1988	65,203	1,193,532	22,783,658	116,387	—	—	—	24,158,780
1989	115,101	1,250,340	21,675,874	116,920	—	82	—	23,158,317
1990	17,283	1,258,226	21,399,801	89,294	—	—	—	22,764,604
1991	8,936	1,115,247	18,463,716	66,215	230	—	—	19,654,344
1992	—	1,115,331	18,555,952	74,564	—	—	—	19,745,847
1993	37,685	1,078,161	18,613,460	75,260	—	—	—	19,804,566
1994	52,290	1,056,818	19,530,496	90,863	—	—	—	20,730,467
1995	50,072	1,152,677	19,309,339	87,122	—	—	—	20,599,210
1996	40,780	1,237,665	19,337,106	83,262	—	323	—	20,699,136
1997	32,942	1,203,927	20,305,251	65,328	—	—	—	21,607,448
1998	21,928	1,161,343	21,568,212	57,869	—	—	—	22,809,352

REGION 2.4.1

Annual Totals 1985-1998

Passenger Traffic By Market

YEAR	BERMUDA	CANADA/ MEXICO*	DOMESTIC	LATIN AMERICA*	PUERTO RICO	TRANS ATLANTIC	TRANS PACIFIC	TOTAL
1985	326,912	—	60,352,012	3,446,349	1,789,674	11,410,497	738,882	78,064,326
1986	394,621	—	61,929,354	3,734,907	1,930,480	10,033,154	792,260	78,814,776
1987	414,447	—	58,743,185	3,880,815	2,315,097	11,682,993	857,107	77,893,644
1988	399,768	1,634,635	56,270,031	4,050,659	2,256,842	12,276,729	931,360	77,820,024
1989	378,641	1,881,938	52,471,894	4,324,255	2,074,595	12,320,446	957,571	74,409,340
1990	351,564	2,011,000	52,167,783	4,231,383	1,964,129	13,034,077	1,054,020	74,813,956
1991	262,550	1,913,434	47,839,855	3,778,342	1,785,939	11,510,020	1,069,668	68,159,808
1992	247,500	2,137,715	50,299,559	3,643,623	1,882,219	12,387,108	1,193,283	71,791,007
1993	310,166	2,111,060	50,959,629	3,959,375	1,805,736	11,993,127	1,271,735	72,410,828
1994	318,558	2,153,479	54,864,942	4,011,243	1,945,302	12,978,375	1,297,795	77,569,694
1995	328,014	2,318,455	53,189,318	4,233,981	2,211,167	13,906,584	1,410,876	77,598,395
1996	353,316	2,599,717	55,342,376	4,284,555	2,216,685	14,656,881	1,508,561	80,962,091
1997	331,721	2,680,896	57,324,898	4,527,209	2,218,969	15,180,137	1,646,584	83,910,414
1998	317,476	2,749,740	58,644,948	4,849,884	1,994,638	16,284,749	1,637,448	86,478,883

*Prior to 1988 Canada/Mexico was included in "Domestic"

† Canada Only

• Caribbean is included in Latin America

JFK 2.5.1

Top 10 Carriers

Passenger Traffic By Airline

1998 Passengers

AIRLINE	TOTAL PASSENGERS	% OF TOTAL
American*	6,817,358	22.0
Delta*	4,828,536	15.6
Trans World Airlines*	3,783,572	12.2
United*	1,997,699	6.4
Tower Air	1,526,124	4.9
British Airways	1,352,773	4.4
Air France	472,021	1.5
America West	464,641	1.5
KLM	415,437	1.3
El Al Israel	409,486	1.3

EWR 2.5.1

Top 10 Carriers

Passenger Traffic By Airline

1998 Passengers

AIRLINE	TOTAL PASSENGERS	% OF TOTAL
Continental*	18,096,489	55.5
United*	2,600,593	8.0
American	2,314,200	7.1
Delta	1,612,551	4.9
Northwest	1,176,653	3.6
US Airways*	950,860	2.9
Kiwi International	546,123	1.7
America West	524,144	1.6
Virgin Atlantic	424,588	1.3
Lufthansa	416,524	1.3

*Includes regional partners

Source: Industry, Traffic, & Systems Analysis; Port Authority of NY & NJ

LGA 2.5.1

Top 10 Carriers

Passenger Traffic By Airline

1998 Passengers

AIRLINE	TOTAL PASSENGERS	% OF TOTAL
US Airways*	6,376,701	27.9
Delta*	6,074,331	26.6
American	3,814,277	16.7
United*	1,764,155	7.7
Northwest	1,095,870	4.8
Continental*	872,378	3.8
Trans World Airlines	727,461	3.2
Air Canada	633,572	2.8
Midway	242,716	1.1
Midwest Express	225,724	1.0

REGION 2.5.1

Top 10 Carriers

Passenger Traffic By Airline

1998 Passengers

AIRLINE	TOTAL PASSENGERS	% OF TOTAL
Continental*	18,968,862	21.9
American*	12,945,835	15.0
Delta*	12,515,418	14.5
US Airways*	7,327,561	8.5
United*	6,362,447	7.4
Trans World Airlines*	4,849,850	5.6
Northwest	2,553,851	3.0
British Airways	1,645,036	1.9
Tower Air	1,526,124	1.8
America West	1,062,705	1.2

*Includes regional partners

Source: Industry, Traffic, & Systems Analysis; Port Authority of NY & NJ

JFK 2.6.1

1998 Passengers

TERMINAL BUILDING	DOMESTIC	INTERNATIONAL	TOTAL
Terminal 1	–	1,027,273	1,027,273
Terminal 2	2,013,182	514,092	2,527,274
Terminal 3	1,104,518	4,379,925	5,484,443
Terminal 4	146,515	4,738,451	4,884,966
Terminal 5	2,997,026	1,065,219	4,062,245
Terminal 6	1,605,391	1,065,219	1,613,129
Terminal 7	218,668	7,738	2,576,004
Terminal 8	–	3,420,525	3,420,525
Terminal 9	4,022,094	112,276	4,134,370
Tower Air Terminal	1,107,173	207,193	1,314,366
Total	13,214,567	17,830,028	31,044,595

EWR 2.6.1

1998 Passengers

TERMINAL BUILDING	DOMESTIC	INTERNATIONAL	TOTAL
Terminal A	7,077,506	95,357	7,174,863
Terminal B	3,069,825	4,768,737	7,838,562
Terminal C	15,709,476	1,907,865	17,617,341
Total	25,856,807	6,773,959	32,630,766

LGA 2.6.1

1998 Passengers

TERMINAL BUILDING	DOMESTIC	INTERNATIONAL	TOTAL
Central Terminal Building	8,117,113	1,080,235	9,197,348
Delta Terminal	5,054,375	138,977	5,193,352
Marine Air Terminal	2,082,472	–	2,082,472
US Airways Terminal	4,784,879	21,928	4,806,807
US Airways Shuttle	1,529,373	–	1,529,373
Total	21,568,212	1,241,140	22,809,352

Source: Industry, Traffic, & Systems Analysis; Port Authority of NY & NJ

2.7.1 JFK

Top 25 Domestic Origins/Destinations

1998

RANK	ORIGIN/DESTINATION	PASSENGERS DAILY EACH WAY
1	Los Angeles International; Los Angeles, CA	2,298
2	San Francisco International; San Francisco, CA	1,607
3	Luis Munoz Marin International; San Juan, PR	1,444
4	Miami International; Miami, FL	1,119
5	McCarran International; Las Vegas, NV	647
6	Ft. Lauderdale-Hollywood International; Fort Lauderdale, FL	470
7	Orlando International; Orlando, FL	427
8	Sky Harbor International; Phoenix, AZ	279
9	Tampa International; Tampa, FL	232
10	Boston-Logan International; Boston, MA	230
11	Seattle-Tacoma International; Seattle, WA	215
12	Lindbergh Field International- San Diego, CA	188
13	Chicago Midway International; Chicago, IL	168
14	Pittsburgh International; Pittsburgh, PA	157
15	Ronald Reagan National; Washington, DC	152
16	Harry S. Truman International; St. Croix, VI	125
17	Salt Lake City International; Salt Lake City, UT	122
18	Palm Beach International; West Palm Beach, FL	114
19	Metropolitan Wayne County; Detroit, MI	104
20	Portland International; Portland, OR	104
21	William B. Hartsfield International; Atlanta, GA	85
22	Moisant International; New Orleans, LA	75
23	Baltimore/Washington International; Washington, DC	71
24	O'Hare International; Chicago, IL	67
25	Denver International; Denver, CO	66

2.7.1 EWR**Top 25 Domestic
Origins/Destinations****1998**

RANK	ORIGIN/DESTINATION	PASSENGERS DAILY EACH WAY
1	Los Angeles International; Los Angeles, CA	1,651
2	O'Hare International; Chicago, IL	1,557
3	Orlando International; Orlando, FL	1,540
4	William B. Hartsfield International; Atlanta, GA	1,513
5	San Francisco International; San Francisco, CA	1,218
6	Metropolitan Wayne County; Detroit, MI	878
7	DFW International; Dallas-Ft. Worth, TX	844
8	Boston-Logan International; Boston, MA	833
9	Palm Beach International; West Palm Beach, FL	815
10	Ft. Lauderdale-Hollywood International; Fort Lauderdale, FL	764
11	Miami International; Miami, FL	715
12	Denver International; Denver, CO	620
13	Luis Muñoz Marín International; San Juan, PR	618
14	McCarran International; Las Vegas, NV	616
15	Tampa International; Tampa, FL	616
16	George Bush Intercontinental; Houston, TX	472
17	Sky Harbor International; Phoenix, AZ	451
18	Ronald Reagan National; Washington, DC	402
19	Lindbergh Field International; San Diego, CA	377
20	Minneapolis-St. Paul International; Minneapolis, MN	350
21	Seattle-Tacoma International; Seattle, WA	331
22	Chicago Midway International; Chicago, IL	325
23	Moisant International; New Orleans, LA	304
24	Raleigh Durham International; Raleigh Durham, NC	294
25	Pittsburgh International; Pittsburgh, PA	293

2.7.1 LGA

Top 25 Domestic Origins/Destinations

1998

RANK	ORIGIN/DESTINATION	PASSENGERS DAILY EACH WAY
1	Boston-Logan International; Boston, MA	2,299
2	Ronald Reagan National; Washington, DC	2,251
3	O'Hare International; Chicago, IL	1,588
4	William B. Hartsfield International; Atlanta, GA	1,425
5	Orlando International; Orlando FL	1,194
6	Palm Beach International; West Palm Beach, FL	1,176
7	Ft. Lauderdale-Hollywood International; Fort Lauderdale, FL	1,162
8	Miami International; Miami, FL	804
9	DFW International; Dallas-Ft. Worth, TX	802
10	Tampa International; Tampa, FL	596
11	Denver International; Denver, CO	565
12	Raleigh Durham International; Raleigh Durham, NC	446
13	George Bush Intercontinental; Houston, TX	445
14	St. Paul International; Minneapolis, MN	375
15	Greater Buffalo International; Buffalo, NY	344
16	Pittsburgh International; Pittsburgh, PA	336
17	Douglas International; Charlotte, NC	333
18	Hopkins International; Cleveland, OH	232
19	Lambert-St. Louis International; St. Louis, MO	290
20	Port Columbus International; Columbus, OH	284
21	Rochester International; Rochester, NY	274
22	Metropolitan Wayne County; Detroit, MI	274
23	Greater Cincinnati International; Cincinnati, OH	267
24	Moisant International; New Orleans, LA	253
25	Nashville International; Nashville, TN	242

2.7.1 REGION

Top 25 Domestic
Origins/Destinations

1998

RANK	ORIGIN/DESTINATION	PASSENGERS DAILY EACH WAY
1	Los Angeles International; Los Angeles, CA	4,170
2	Boston-Logan International; Boston, MA	3,372
3	O'Hare International; Chicago, IL	3,331
4	Orlando International; Orlando, FL	3,170
5	William B. Hartsfield International; Atlanta, GA	3,031
6	San Francisco International; San Francisco, CA	3,022
7	Ronald Reagan National; Washington, DC	2,812
8	Miami International; Miami, FL	2,646
9	Ft. Lauderdale-Hollywood International; Fort Lauderdale, FL	2,353
10	Palm Beach International; West Palm Beach, FL	2,014
11	Luis Muñoz Marín International; West Palm Beach, FL	2,106
12	DFW International; Dallas-Ft. Worth, TX	1,702
13	McCarran International; Las Vegas, FL	1,468
14	Tampa International; Tampa, FL	1,448
15	Metropolitan Wayne County; Detroit, MI	1,259
16	Denver International; Denver, CO	1,255
17	Sky Harbor International; Phoenix, AZ	952
18	George Bush Intercontinental; Houston, TX	948
19	Raleigh Durham International; Raleigh Durham, NC	794
20	Pittsburgh International; Pittsburgh, PA	788
21	St. Paul International; Minneapolis, MN	782
22	Seattle-Tacoma International; Seattle, WA	714
23	Lindbergh Field International; San Diego, CA	687
24	Greater Buffalo International; Buffalo, NY	675
25	Hopkins International; Cleveland, OH	650

Source: U.S. Department of Transportation

Note: 1998 data unavailable at press time

2.7.2 JFK

Top 25 International Origins/Destinations

1998

RANK*	ORIGIN/DESTINATION	TOTAL PASSENGERS*
1	London, England	2,645,055
2	Paris, France	1,008,111
3	Tel Aviv, Israel	736,615
4	Tokyo, Japan	713,172
5	Frankfurt, Germany	676,052
6	Amsterdam, Netherlands	650,023
7	Santo Domingo, Dominican Republic	621,308
8	Rome, Italy	585,505
9	Madrid, Spain	451,446
10	Sao Paulo, Brazil	398,101
11	Athens, Greece	342,760
12	Zurich, Switzerland	334,735
13	Seoul, Korea	314,311
14	Brussels, Belgium	302,113
15	Dublin, Ireland	300,821
16	Mexico City, Mexico	298,201
17	Buenos Aires, Argentina	294,257
18	Shannon, Ireland	276,629
19	Kingston, Jamaica	270,123
20	Milan, Italy	268,703
21	Puerto Plata, Dominican Republic	250,735
22	Istanbul, Turkey	241,412
23	Manchester, England	232,004
24	Caracas, Venezuela	229,881
25	Moscow, Russia	223,782

*The source of the data used in this table is the statistics obtained by the U.S. Immigration and Naturalization Service (INS) and published by the U.S. Department of Transportation. These data do not reflect origin and destination but rather the last gateway of departure and first gateway of arrival. For example, a passenger who started his trip in Cleveland, connected at JFK to London, and connected in London for Malta is considered a New York-London passenger based on INS statistics. Furthermore, these statistics do not include passengers to/from JFK and Canada.

2.7.2 EWR**Top 25 International
Origins/Destinations****1998**

RANK*	ORIGIN/DESTINATION	TOTAL PASSENGERS
1	London, England	1,158,123
2	Paris, France	461,362
3	Frankfurt, Germany	342,201
4	Rome, Italy	297,866
5	Cologne/Dusseldorf, Germany	242,205
6	Amsterdam, Netherlands	231,029
7	Toronto, Canada	230,160
8	Tel Aviv, Israel	194,572
9	Lisbon, Portugal	193,380
10	Copenhagen, Denmark	187,479
11	Cancun, Mexico	182,128
12	Manchester, England	160,456
13	Madrid, Spain	144,386
14	Milan, Italy	141,201
15	Munich, Germany	126,500
16	Mexico City, Mexico	121,668
17	Oslo, Norway	113,752
18	Stockholm, Sweden	112,879
19	Birmingham, England	112,829
20	Zurich, Switzerland	107,325
21	Brussels, Belgium	100,157
22	Montreal, Canada	98,630
23	Sao Paulo, Brazil	97,818
24	Shannon, Ireland	96,780
25	Lima, Peru	91,308

2.7.2 LGA**Top 5 International
Origins/Destinations****1998**

RANK*	ORIGIN/DESTINATION	TOTAL PASSENGERS
1	Toronto, Canada	734,810
2	Montreal, Canada	176,900
3	Nassau, Bahamas	54,389
4	Vancouver, Canada	45,310
5	Calgary, Canada	32,950

*The source of the data used in this table is the statistics obtained by the U.S. Immigration and Naturalization Service (INS) and published by the U.S. Department of Transportation. These data do not reflect origin and destination but rather the last gateway of departure and first gateway of arrival. For example, a passenger who started his trip in Cleveland, connected at JFK to London, and connected in London for Malta is considered a New York-London passenger based on INS statistics.

Note: 1998 data estimated

2.7.2 REGION

Top 25 International
Origins/Destinations

1998

RANK*	ORIGIN/DESTINATION	TOTAL PASSENGERS
1	London, England	3,803,178
2	Paris, France	1,469,473
3	Frankfurt, Germany	1,018,253
4	Toronto, Canada	968,530
5	Tel Aviv, Israel	931,187
6	Rome, Italy	883,371
7	Amsterdam, Netherlands	881,052
8	Tokyo, Japan	713,431
9	Santo Domingo, Dominican Republic	709,412
10	Madrid, Spain	595,832
11	Sao Paulo, Brazil	495,919
12	Zurich, Switzerland	442,060
13	Mexico City, Mexico	419,869
14	Milan, Italy	409,904
15	Brussels, Belgium	402,270
16	Manchester, England	392,460
17	Dublin, Ireland	384,490
18	Shannon, Ireland	373,409
19	Athens, Greece	342,760
20	Seoul, South Korea	317,083
21	Lisbon, Portugal	315,067
22	Montreal, Canada	296,790
23	Buenos Aires, Argentina	294,257
22	Cologne/Dusseldorf, Germany	289,918
25	Bermuda, Bermuda	284,456

*The source of the data used in this table is the statistics obtained by the U.S. Immigration and Naturalization Service (INS) and published by the U.S. Department of Transportation. These data do not reflect origin and destination but rather the last gateway of departure and first gateway of arrival. For example, a passenger who started his trip in Cleveland, connected at JFK to London, and connected in London for Malta is considered a New York-London passenger based on INS statistics.

Note: 1998 data estimated

2.8.1

Profile of Departing Passengers

Passenger Demographics

	JFK	EWR	LGA	REGION
Trip Purpose				
Business	25%	41%	45%	37%
Non -business	75%	59%	55%	63%
Average Annual Trips Per Person	1.43	1.78	1.88	1.67
Access Mode				
Air	33%	26%	8%	24%
Private Car	28%	36%	34%	32%
Limo	13%	16%	21%	16%
Taxi	15%	6%	26%	15%
Airport Bus/Van	6%	5%	4%	5%
Rental Car	2%	9%	4%	5%
Other	3%	2%	3%	3%
Average Size of Travel Party	1.40	1.31	1.32	1.35
Gender				
Male	53%	55%	53%	53%
Female	47%	45%	47%	47%
Age				
Under 25	13%	10%	10%	11%
25-34	25%	23%	22%	23%
35-44	22%	25%	24%	24%
45-54	21%	22%	23%	22%
55-64	11%	12%	12%	12%
65-OVER	8%	8%	9%	8%
Mean	41	42	43	42
Annual Household Income				
Under \$20,000	10%	7%	5%	7%
\$20,000-\$39,999	15%	13%	11%	13%
\$40,000-\$59,999	18%	17%	15%	17%
\$60,000-\$79,999	18%	19%	17%	18%
\$80,000-\$99,999	11%	13%	13%	12%
\$100,000-\$119,999	10%	11%	12%	11%
\$120,000-\$139,999	5%	6%	7%	6%
\$140,000-\$159,999	3%	3%	4%	3%
\$160,000-Over	10%	11%	16%	12%
Mean	\$79,000	\$86,000	\$96,000	\$86,000
Residence				
Local	32%	41%	48%	39%
Other U.S.	38%	47%	43%	43%
Foreign	30%	12%	9%	18%

Source: Air Passenger Survey, 2nd Quarter 1997-1st Quarter 1998

CARGO TRANSPORT

Top Fifteen Airport Comparisons

Revenue Freight In Short Tons

Revenue Freight By Airline

Revenue Mail In Short Tons

3.1.1

Revenue Cargo in Short Tons

Top 15 U.S. Airport Comparisons

1998

RANK	AIRPORT, LOCATION	# OF TONS	% CHANGE 1997-1998
1	Memphis International Memphis, TN	2,368,973	6.1
2	Los Angeles International Los Angeles, CA	1,861,049	-0.7
3	Miami International Miami, FL	1,793,015	1.5
4	JFK International New York, NY	1,620,541	-4.8
5	O'Hare International Chicago, IL	1,440,033	2.3
6	Standiford International Louisville, KY	1,394,999	3.7
7	Anchorage International Anchorage, AK	1,387,777	7.5
8	Newark International Newark, NJ	1,086,462	1.7
9	Hartsfield Atlanta International Atlanta, GA	907,208	4.9
10	Dayton International Dayton, OH	886,637	9.1
11	Indianapolis International Indianapolis, IN	814,161	23.1
12	DFW International Dallas-Fort Worth, TX	801,830	-1.1
13	San Francisco International San Francisco, CA	770,403	-1.2
14	Metropolitan Oakland International Oakland, CA	707,113	3.0
15	Toledo International Toledo, OH	537,189	3.2

LaGuardia ranked 55th in cargo transport in 1998 (-10.6% decline vs. 1997)

3.1.2

Revenue Cargo in Short Tons

Top 15 Worldwide Airport Comparisons

1998

RANK	AIRPORT, LOCATION	# OF TONS	% CHANGE 1997-1998
1	Memphis International Memphis, USA	2,368,973	6.1
2	Los Angeles International Los Angeles, USA	1,861,049	-0.7
3	Miami International Miami, USA	1,793,015	1.5
4	Hong Kong International HONG KONG	1,662,912	-8.3
5	New Tokyo (Narita) International Tokyo, JAPAN	1,637,521	-5.8
6	JFK International New York, USA	1,605,300	-3.7
7	Frankfurt International Frankfurt, GERMANY	1,465,151	-3.2
8	O'Hare International Chicago, USA	1,440,033	2.3
9	Kimpo International Seoul, KOREA	1,425,007	-9.1
10	Standiford International Louisville, USA	1,394,999	3.7
11	Anchorage International Anchorage, USA	1,387,777	7.5
12	Changi SINGAPORE	1,305,592	-3.9
13	Heathrow London, UK	1,301,254	3.3
14	Schiphol Amsterdam, NETHERLANDS	1,218,847	1.0
15	Newark International Newark, USA	1,095,500	4.8

LaGuardia ranked 127th in cargo transport in 1998 (-20.1% decline vs. 1997)

Revenue Freight In Short Tons

3.2.1

Annual Totals 1985-1998

Domestic

YEAR	JFK	EWR	LGA	REGION
1985	296,373	260,109	53,573	610,055
1986	287,564	276,046	49,769	613,379
1987	327,939	316,794	53,197	697,930
1988	359,489	418,005	52,667	830,161
1989	397,122	393,685	59,592	850,399
1990	392,730	435,538	67,851	896,119
1991	492,919	455,249	50,356	998,524
1992	481,480	494,608	53,365	1,029,453
1993	450,298	567,793	44,580	1,062,671
1994	435,908	694,495	38,505	1,168,908
1995	393,602	778,652	28,746	1,201,000
1996	388,390	798,395	26,433	1,213,218
1997	421,294	845,939	25,620	1,292,853
1998	390,742	858,039	22,917	1,271,698

International

YEAR	JFK	EWR	LGA	REGION
1985	783,981	14,007	520	798,508
1986	808,801	20,514	735	830,050
1987	854,732	8,634	920	864,286
1988	941,397	31,824	3,822	977,043
1989	990,841	47,749	3,912	1,042,502
1990	938,452	59,869	2,941	1,001,262
1991	890,727	67,117	1,646	959,490
1992	902,362	82,395	1,840	986,597
1993	963,605	131,528	1,908	1,097,041
1994	1,063,213	178,204	1,870	1,243,287
1995	1,244,075	179,767	1,738	1,425,580
1996	1,279,160	177,511	1,257	1,457,928
1997	1,280,547	222,655	1,032	1,504,234
1998	1,229,799	228,423	921	1,459,143

Domestic and International Totals

YEAR	JFK	EWR	LGA	REGION
1985	1,080,354	274,116	54,093	1,408,563
1986	1,096,365	296,560	50,504	1,443,429
1987	1,182,671	325,428	54,117	1,562,216
1988	1,300,886	449,829	56,489	1,807,204
1989	1,387,963	441,434	63,504	1,892,901
1990	1,331,182	495,407	70,792	1,897,381
1991	1,383,646	522,366	52,002	1,958,014
1992	1,383,842	577,003	55,205	2,016,050
1993	1,413,903	699,321	46,488	2,159,712
1994	1,499,121	872,699	40,375	2,412,195
1995	1,637,677	958,419	30,484	2,626,580
1996	1,667,550	975,906	27,690	2,671,146
1997	1,701,841	1,068,594	26,652	2,797,087
1998	1,620,541	1,086,462	23,838	2,730,841

Revenue Freight In Short Tons

3.2.2

Monthly Totals 1998

Domestic

MONTH	JFK	EWR	LGA	REGION	REGIONAL CHANGE 1997-98
Jan.	28,180	68,037	1,805	98,022	-0.6
Feb.	27,390	63,679	1,801	92,870	-2.4
Mar.	35,911	72,252	2,194	110,357	5.7
Apr.	34,329	72,918	2,094	109,341	1.6
May	34,675	71,119	2,211	108,005	3.4
June	28,199	74,751	1,994	104,944	-1.1
July	33,387	69,266	1,819	104,472	-9.4
Aug.	34,165	66,306	1,649	102,120	-7.7
Sept.	35,179	72,364	1,768	109,311	1.2
Oct.	35,132	75,569	1,975	112,676	-7.7
Nov.	32,739	64,802	1,763	99,304	-9.1
Dec.	31,456	86,976	1,844	120,276	8.0
Total 1998	390,742	858,039	22,917	1,271,698	-1.6
% Change 1997 to 1998	-7.3	1.4	-10.6	-1.6	

International

MONTH	JFK	EWR	LGA	REGION	REGIONAL CHANGE 1997-98
Jan.	94,485	18,005	83	112,573	7.7
Feb.	95,088	19,015	69	114,172	6.1
Mar.	116,108	21,619	68	137,795	4.7
Apr.	100,161	19,250	77	119,488	1.6
May	101,321	19,610	89	121,020	0.1
June	103,163	20,068	90	123,321	-3.8
July	103,628	19,007	88	122,723	-6.2
Aug.	99,858	18,359	81	118,298	-6.8
Sept.	102,345	18,918	56	121,319	-6.7
Oct.	112,695	20,745	80	133,520	-6.4
Nov.	107,647	18,761	79	126,487	-8.9
Dec.	93,300	15,066	61	108,427	-13.0
Total 1998	1,229,799	228,423	921	1,459,143	-3.0
% Change 1997 to 1998	-4.0	2.6	-10.8	-3.0	

Domestic and International Totals

MONTH	JFK	EWR	LGA	REGION	REGIONAL CHANGE 1997-98
Jan.	122,665	86,042	1,888	210,595	3.7
Feb.	122,478	82,694	1,870	207,042	2.1
Mar.	152,019	93,871	2,262	248,152	5.1
Apr.	134,490	92,168	2,171	228,829	1.6
May	135,996	90,729	2,300	229,025	1.6
June	131,362	94,819	2,084	228,265	-2.6
July	137,015	88,273	1,907	227,195	-7.7
Aug.	134,023	84,665	1,730	220,418	-7.2
Sept.	137,524	91,282	1,824	230,630	-3.1
Oct.	147,827	96,314	2,055	246,196	-7.0
Nov.	140,386	83,563	1,842	225,791	-9.0
Dec.	124,756	102,042	1,905	228,703	-3.1
Total 1998	1,620,541	1,086,462	23,838	2,730,841	-2.4
% Change 1997 to 1998	-4.8	1.7	-10.6	-2.4	

Revenue Freight In Short Tons

3.3.1 REGION

Annual Totals 1990-1998 by International Market

Imports

YEAR	EUROPE	ASIA	LATIN AMERICA	OTHER	TOTAL
1990	296,000	232,000	49,000	7,000	584,000
1991	250,000	255,000	43,000	5,000	553,000
1992	261,000	264,000	44,000	6,000	575,000
1993	283,000	285,000	46,000	6,000	620,000
1994	328,055	307,375	46,015	8,531	689,976
1995	339,342	304,498	48,011	11,236	703,087
1996	338,476	316,571	43,114	11,575	709,736
1997	371,728	350,292	43,353	16,000	781,373
1998	366,061	342,853	56,511	10,629	800,310

Exports

YEAR	EUROPE	ASIA	LATIN AMERICA	OTHER	TOTAL
1990	246,000	146,000	33,000	22,000	447,000
1991	257,000	159,000	31,000	18,000	465,000
1992	256,000	153,000	32,000	20,000	461,000
1993	245,000	163,000	39,000	20,000	467,000
1994	249,951	180,228	40,012	24,035	494,226
1995	249,900	218,603	33,575	26,150	528,228
1996	245,098	221,007	30,074	24,672	520,851
1997	259,659	230,126	36,569	28,090	554,444
1998	252,481	216,097	38,589	11,466	573,760

Total

YEAR	EUROPE	ASIA	LATIN AMERICA	OTHER	TOTAL
1990	542,000	378,000	82,000	29,000	1,031,000
1991	507,000	414,000	74,000	23,000	1,018,000
1992	517,000	417,000	76,000	26,000	1,036,000
1993	528,000	448,000	85,000	26,000	1,087,000
1994	578,006	487,603	86,027	32,566	1,184,202
1995	589,242	523,101	81,586	37,386	1,231,315
1996	583,574	537,578	73,188	36,247	1,230,587
1997	631,387	580,418	79,922	44,090	1,335,817
1998	618,542	558,950	95,100	22,095	1,374,070

Note: 1 All figures are for the New York Customs District
 2 Asia includes the Middle East
 3 Latin American includes Mexico, Central & South America and the Caribbean

Source: Bureau of the Census; Foreign Trade Statistics

3.3.2 REGION**Revenue Freight
In Short Tons***Top 10 U.S. Trading Districts by Air 1998***1998**

RANK	CUSTOMS DISTRICTS	TOTAL IMPORTS		PERCENT SHARE OF U.S.	
		SHORT TONS	\$ IN 000'S	TONS	TOTAL
1	New York, NY	824,697	\$59,326,000	25.1%	26.4%
2	Miami, FL	543,550	7,565,000	16.5%	3.3%
3	Los Angeles, CA	406,836	30,636,000	12.4%	13.6%
4	Chicago, IL	373,760	19,074,000	11.4%	8.5%
5	San Francisco, CA	227,122	35,252,000	6.9%	15.7%
6	Anchorage, AK	141,125	13,854,000	4.3%	6.2%
7	Cleveland, OH	126,792	9,702,000	3.9%	4.3%
8	Savannah, GA	123,484	5,986,000	3.8%	2.7%
9	New Orleans, LA	84,895	10,552,000	2.6%	4.7%
10	Dallas/FT Worth, TX	59,537	6,207,000	1.8%	2.8%
All Others		374,862	\$26,328,000	11.5%	11.7%
Total		3,286,659	\$224,482,000	100.0%	100.0%

RANK	CUSTOMS DISTRICTS	TOTAL EXPORTS		PERCENT SHARE OF U.S.	
		SHORT TONS	\$ IN 000'S	TONS	TOTAL
1	New York, NY	543,550	\$47,510,000	19.2%	21.8%
2	Miami, FL	370,452	15,391,000	13.1%	7.1%
3	Chicago, IL	338,479	18,690,000	12.0%	8.6%
4	Los Angeles, CA	300,992	31,861,000	10.6%	14.6%
5	San Francisco, CA	191,841	31,249,000	6.8%	14.4%
6	Cleveland, OH	171,996	13,207,000	6.1%	6.1%
7	New Orleans, LA	127,894	9,435,000	4.5%	4.3%
8	Savannah, GA	120,176	5,753,000	4.2%	2.6%
9	Anchorage, AK	76,075	5,839,000	2.7%	2.7%
10	Detroit, MI	72,767	2,353,000	2.6%	1.1%
All Others		518,192	\$36,295,000	18.3%	16.7%
Total		2,832,415	\$217,583,000	100.0%	100.0%

RANK	CUSTOMS DISTRICTS	TOTAL IMPORTS AND EXPORTS		PERCENT SHARE OF U.S.	
		SHORT TONS	\$ IN 000'S	TONS	TOTAL
1	New York, NY	1,368,247	\$106,837,000	22.4%	24.2%
2	Miami, FL	914,002	22,956,000	14.9%	5.2%
3	Chicago, IL	713,341	37,764,000	11.7%	8.5%
4	Los Angeles, CA	707,828	62,947,000	11.6%	14.2%
5	San Francisco, CA	418,964	66,501,000	6.8%	15.0%
6	Cleveland, OH	298,787	22,909,000	4.9%	5.2%
7	Savannah, GA	243,660	11,739,000	4.0%	2.7%
8	Anchorage, AK	218,302	19,693,000	3.6%	4.4%
9	New Orleans, LA	212,789	19,987,000	3.5%	4.5%
10	Detroit, MI	114,664	3,776,000	1.9%	0.9%
All Others		908,490	\$66,956,000	14.8%	15.1%
Total		6,119,074	\$442,065,000	100.0%	100.0%

3.3.3 REGION**Revenue Freight
In Short Tons***Top 10 Air Trade Commodities in the NY/NJ Region***1998**

RANK	CUSTOMS DISTRICTS	TOTAL IMPORTS		PERCENT SHARE OF U.S.	
		SHORT TONS	\$ IN 000'S	TONS	TOTAL
1	Woven Apparel	111,182	\$3,293,000	13.5%	5.6%
2	Machinery	102,214	8,555,000	12.4%	14.4%
3	Knit Apparel	70,748	1,654,000	8.6%	2.8%
4	Electrical Machinery	62,902	5,544,000	7.6%	9.3%
5	Vegetables	48,342	73,000	5.9%	0.1%
6	Optic, NT8544; Med Instr.	38,079	4,213,000	4.7%	7.1%
7	Footwear	31,365	778,000	3.8%	1.3%
8	Book+Newspaper; Manuscript.	27,172	249,000	3.3%	0.4%
9	Plastic	19,582	344,000	2.4%	0.6%
10	Fish and Seafood	19,152	78,000	2.3%	0.1%
All Others		293,959	\$34,545,000	35.5%	58.3%
Total		824,697	\$59,326,000	100.0%	100.0%

RANK	CUSTOMS DISTRICTS	TOTAL EXPORTS		PERCENT SHARE OF U.S.	
		SHORT TONS	\$ IN 000'S	TONS	TOTAL
1	Machinery	99,584	\$11,479,000	18.3%	24.2%
2	Electrical Machinery	81,335	9,095,000	15.0%	19.1%
3	Optic, NT8544; Med Instr.	36,684	5,350,000	6.8%	11.3%
4	Misc. Chemical Products	28,075	312,000	5.2%	0.7%
5	Plastic	23,191	410,000	4.3%	0.9%
6	Paper, Paperboard	19,665	70,000	3.6%	0.2%
7	Book+Newspaper; Manuscript.	17,764	495,000	3.3%	1.0%
8	Fish and Seafood	17,544	144,000	3.2%	0.3%
9	Aircraft, Spacecraft	13,875	3,875,000	2.6%	8.2%
10	Pharmaceutical Products	10,139	1,283,000	1.9%	2.7%
All Others		195,695	\$14,997,000	36.0%	31.4%
Total		543,550	\$47,510,000	100.0%	100.0%

RANK	CUSTOMS DISTRICTS	TOTAL IMPORTS AND EXPORTS		PERCENT SHARE OF U.S.	
		SHORT TONS	\$ IN 000'S	TONS	TOTAL
1	Machinery	201,764	\$20,034,000	14.7%	18.8%
2	Electrical Machinery	144,432	14,639,000	10.6%	13.7%
3	Woven Apparel	119,074	3,435,000	8.7%	3.2%
4	Knit Apparel	75,083	1,732,000	5.5%	1.6%
5	Optic, NT8544; Med Instr.	74,752	9,563,000	5.4%	9.0%
6	Vegetables	50,496	144,000	3.7%	0.1%
7	Book+Newspaper; Manuscript.	45,204	744,000	3.3%	0.7%
8	Plastic	42,999	754,000	3.1%	0.7%
9	Fish and Seafood	36,384	222,000	2.7%	0.2%
10	Footwear	31,974	1,634,000	2.3%	1.5%
All Others		546,086	\$53,935,000	40.0%	50.5%
Total		1,368,247	\$106,836,000	100.0%	100.0%

Source: Bureau of the Census; Foreign Trade Statistics

JFK 3.4.1

Top 10 Carriers

Revenue Freight By Airline

1998 Freight

AIRLINE	TOTAL FREIGHT (SHORT TONS)	% OF TOTAL
American*	141,771	8.7
Lufthansa	113,437	7.0
Federal Express	93,299	5.8
Delta	82,375	5.1
Polar Air Cargo	79,331	4.9
Korean	69,844	4.3
United	69,639	4.3
British Airways	56,945	3.5
Air France	49,141	3.0
Northwest	46,187	2.9

EWR 3.4.1

Top 10 Carriers

Revenue Freight By Airline

1998 Freight

AIRLINE	TOTAL FREIGHT (SHORT TONS)	% OF TOTAL
Federal Express	568,756	52.3
United Parcel	166,670	15.3
Continental	89,550	8.2
Airborne	43,347	4.0
SAS	27,738	2.6
United	21,009	1.9
American Int'l Airways	18,638	1.8
Lufthansa	18,483	1.7
Virgin Atlantic	18,420	1.7
Eva Airways	15,426	1.4

LGA 3.4.1

Top 10 Carriers

Revenue Freight By Airline

1998 Freight

AIRLINE	TOTAL FREIGHT (SHORT TONS)	% OF TOTAL
Delta*	9,054	38.0
US Airways*	5,215	21.9
Federal Express	3,293	13.8
United	2,757	11.6
Air Canada	732	3.1
Continental	618	2.6
Northwest	610	2.5
Trans World Airlines	597	2.4
American	428	1.8
Midwest Express	114	0.5

REGION 3.4.1

Top 10 Carriers

Revenue Freight By Airline

1998 Freight

AIRLINE	TOTAL FREIGHT (SHORT TONS)	% OF TOTAL
Federal Express	665,348	24.4
United Parcel	187,848	6.9
American*	150,478	5.5
Lufthansa	131,920	4.8
Delta	96,192	3.5
United	93,405	3.4
Continental	90,118	3.3
Polar Air Cargo	79,331	2.9
Korean	71,403	2.6
British Airways	68,385	2.5

*Includes regional partners

Source: Industry, Traffic, & Systems Analysis; Port Authority of NY & NJ

Annual Totals 1985-1998

Domestic

YEAR	JFK	EWR	LGA	REGION
1985	75,019	40,705	62,449	178,173
1986	62,207	43,792	61,238	167,237
1987	64,683	50,424	63,497	178,604
1988	68,699	51,276	58,209	178,184
1989	64,593	53,811	52,509	170,913
1990	66,423	58,595	55,611	180,629
1991	54,643	55,876	51,783	162,302
1992	62,749	65,010	58,280	186,039
1993	66,014	68,510	60,390	194,914
1994	69,578	71,466	60,748	201,792
1995	72,626	74,366	69,478	216,470
1996	86,398	67,747	66,728	220,873
1997	85,277	78,756	64,144	228,177
1998	101,479	113,015	49,428	263,922

International

YEAR	JFK	EWR	LGA	REGION
1985	62,526	209	21	62,756
1986	50,186	13	2	50,201
1987	59,878	450	2	60,330
1988	62,724	198	2,382	65,304
1989	60,391	1,089	2,220	63,700
1990	60,448	2,756	2,422	65,626
1991	46,634	5,872	1,814	54,320
1992	43,038	6,014	1,725	50,777
1993	43,929	5,906	1,864	51,699
1994	42,950	6,015	1,623	50,588
1995	44,900	10,452	2,450	57,802
1996	50,348	12,871	1,244	64,463
1997	48,860	7,460	1,939	58,259
1998	46,708	7,119	2,564	56,391

Domestic and
International
Totals

YEAR	JFK	EWR	LGA	REGION
1985	137,545	40,914	62,470	240,929
1986	112,393	43,805	61,240	217,438
1987	124,561	50,874	63,499	238,934
1988	131,423	51,474	60,591	243,488
1989	124,984	54,900	54,729	234,613
1990	126,871	61,351	58,033	246,255
1991	101,277	61,748	53,597	216,622
1992	105,787	71,024	60,005	236,816
1993	109,943	74,416	62,254	246,613
1994	112,528	77,481	62,371	252,380
1995	117,526	84,818	71,928	274,272
1996	136,746	80,618	67,972	285,336
1997	134,137	86,216	66,083	286,436
1998	148,187	120,134	51,992	320,313

3.5.2*Monthly Totals 1998***Revenue Mail
In Short Tons****Domestic**

MONTH	JFK	EWR	LGA	REGION	REGIONAL CHANGE 1997-98
Jan.	8,394	8,590	4,173	21,157	8.8
Feb.	7,546	7,298	3,421	18,265	9.0
Mar.	9,252	9,440	4,020	22,712	11.0
Apr.	9,703	9,394	4,531	23,628	15.1
May	8,687	8,593	4,496	21,776	15.4
June	8,054	8,330	4,097	20,481	17.5
July	7,830	8,970	4,207	21,007	16.2
Aug.	7,486	8,604	3,527	19,617	-3.5
Sept.	7,566	8,748	3,536	19,850	18.9
Oct.	8,938	10,013	4,518	23,469	24.0
Nov.	8,327	8,867	4,283	21,477	14.8
Dec.	9,696	16,168	4,619	30,483	39.2
Total 1998	101,479	113,015	49,428	263,922	15.7
% Change 1997 to 1998	19.0	43.5	-22.9	15.7	

International

MONTH	JFK	EWR	LGA	REGION	REGIONAL CHANGE 1997-98
Jan.	3,411	735	163	4,309	-13.4
Feb.	3,264	680	173	4,117	-11.2
Mar.	3,537	578	185	4,300	-15.9
Apr.	3,491	554	233	4,278	-12.1
May	3,311	477	252	4,040	-18.5
June	3,168	494	241	3,903	-16.5
July	3,103	567	261	3,931	-13.6
Aug.	3,041	553	236	3,830	-12.6
Sept.	3,894	551	181	4,626	3.8
Oct.	3,632	663	213	4,508	-2.7
Nov.	3,678	558	187	4,423	-7.1
Dec.	9,178	709	239	10,126	62.0
Total 1998	46,708	7,119	2,564	56,391	-3.2
% Change 1997 to 1998	-4.4	-4.6	32.2	-3.2	

**Domestic and
International**

MONTH	JFK	EWR	LGA	REGION	REGIONAL CHANGE 1997-98
Jan.	11,805	9,325	4,366	25,466	4.3
Feb.	10,810	7,978	3,594	22,382	4.6
Mar.	12,789	10,018	4,205	27,012	5.6
Apr.	13,194	9,948	4,764	27,906	9.9
May	11,998	9,070	4,748	25,816	8.3
June	11,222	8,824	4,338	24,384	10.3
July	10,933	9,537	4,468	24,938	10.2
Aug.	10,527	9,157	3,763	23,447	-5.1
Sept.	11,460	9,299	3,717	24,476	15.7
Oct.	12,570	10,676	4,731	27,977	18.7
Nov.	12,005	9,425	4,470	25,900	10.3
Dec.	18,874	16,877	4,858	40,609	44.2
Total 1998	148,187	120,134	51,992	320,313	11.8
% Change 1997 to 1998	10.5	39.3	-21.3	11.8	

OTHER ACTIVITIES

Airport Bus Passengers

Paid Parked Cars

Subway And New Jersey Transit

Airport Employment

Estimated Payroll

The Economic Impact Of The
Aviation Industry

4.1.1

Annual Totals 1985-1998

Airport Bus Passengers

Number of Passengers

YEAR	JFK	EWB	LGA	REGION
1985	925,544	761,542	975,555	2,662,641
1986	899,147	794,835	1,021,049	2,715,031
1987	993,387	554,143	1,191,518	2,739,048
1988	1,138,082	565,857	1,261,660	2,965,599
1989	1,130,770	478,346	1,186,844	2,795,960
1990	1,127,041	488,477	1,048,782	2,664,300
1991	894,814	493,564	729,970	2,118,348
1992	955,924	532,297	684,252	2,172,473
1993	884,008	587,337	623,441	2,094,786
1994	896,765	694,422	663,886	2,255,073
1995	910,435	628,233	618,711	2,157,379
1996	885,308	696,528	575,677	2,157,513
1997	771,037	738,577	494,731	2,004,345
1998	539,198	794,141	331,162	1,664,501

1994 through 1998 Routes

- JFK**
1. JFK – Manhattan and return
 2. JFK – Brooklyn and return
 3. JFK – Jamaica – LGA
- EWB**
- EWB – Manhattan and return
- LGA**
1. LGA – Manhattan and return
 2. LGA – Brooklyn and return
 3. LGA – Jamaica – JFK

Note: 1990 Totals for EWB and Region differ from prior handbook due to after period adjustment.

4.1.2

Monthly Totals 1997-1998

Airport Bus Passengers

Number of Passengers 1997

MONTH	JFK	EWR	LGA	REGION
Jan.	55,310	42,536	36,899	134,745
Feb.	48,995	41,868	33,410	124,273
Mar.	67,408	53,858	44,331	165,597
April	60,672	54,683	40,377	155,732
May	70,390	65,615	48,545	184,550
June	72,635	61,680	47,473	181,788
July	73,900	67,326	47,488	188,714
Aug.	83,138	77,671	50,402	211,211
Sept.	74,879	69,190	43,662	187,731
Oct.	68,999	65,703	42,682	177,384
Nov.	45,016	63,687	27,599	136,302
Dec.	49,695	74,760	31,863	156,318
Total 1997	771,037	738,577	494,731	2,004,345

Number of Passengers 1998

MONTH	JFK	EWR	LGA	REGION
Jan.	42,379	51,557	23,429	117,365
Feb.	39,575	47,312	23,308	110,195
Mar.	49,598	61,986	29,131	140,715
April	46,500	63,796	28,400	138,696
May	47,000	70,809	28,000	145,809
June	47,000	67,021	28,000	142,021
July	47,000	69,265	28,000	144,265
Aug.	32,885	75,277	19,060	127,222
Sept.	37,558	73,794	25,583	136,935
Oct.	51,112	73,853	32,897	157,862
Nov.	47,778	67,703	31,763	147,244
Dec.	50,813	71,768	33,591	156,172
Total 1998	539,198	794,141	331,162	1,664,501

1997 and 1998 Routes

JFK 1. JFK – Manhattan and return
2. JFK – Brooklyn and return
3. JFK – Jamaica – LGA

EWR EWR – Manhattan and return

LGA 1. LGA – Manhattan and return
2. LGA – Brooklyn and return
3. LGA – Jamaica – JFK

4.2.1

Annual Totals 1985-1998

Paid Parked Cars

YEAR	JFK	EWR	LGA*	REGION
1985	4,251,608	6,182,856	2,907,699	13,342,163
1986	4,071,778	6,359,308	3,091,547	13,522,633
1987	4,296,101	5,626,227	3,323,789	13,246,117
1988	4,489,032	5,336,571	3,192,753	13,018,356
1989	4,328,880	4,761,671	3,238,803	12,329,354
1990	4,227,090	4,705,936	3,520,914	12,453,940
1991	4,048,826	4,333,067	2,835,011	11,216,904
1992	4,415,233	4,532,242	2,488,875	11,436,350
1993	4,478,188	4,835,730	2,227,483	11,541,401
1994	4,710,434	5,308,487	2,214,460	12,233,381
1995	5,037,500	5,470,667	2,239,985	12,748,152
1996	4,550,674	6,067,593	2,271,157	12,889,424
1997	4,664,820	6,733,448	2,394,168	13,792,436
1998	4,710,692	7,080,420	2,651,302	14,442,414

*Includes estimated paid parked cars at meters

4.2.2*Monthly Totals 1997-1998***Paid Parked Cars****Number
of Cars
1997**

MONTH	JFK	EWR	LGA*	REGION
Jan.	363,097	488,467	181,795	1,033,359
Feb.	295,866	455,836	171,386	923,088
Mar.	366,214	561,655	201,161	1,129,030
Apr.	347,944	543,496	198,530	1,089,970
May	373,304	570,891	210,282	1,154,477
June	411,097	590,679	212,466	1,214,242
July	498,582	634,037	216,111	1,348,730
Aug.	540,204	674,704	225,345	1,440,253
Sept.	398,546	538,709	187,913	1,125,168
Oct.	350,423	559,263	196,460	1,106,146
Nov.	335,822	547,097	188,359	1,071,278
Dec.	383,721	568,614	204,360	1,156,695
Total 1997	4,664,820	6,733,448	2,394,168	13,792,436

**Number
of Cars
1998**

MONTH	JFK	EWR	LGA*	REGION
Jan.	384,181	526,416	191,198	1,101,795
Feb.	306,019	487,426	180,913	974,358
Mar.	352,605	582,562	218,338	1,153,505
Apr.	356,901	588,136	224,961	1,169,998
May	379,289	608,660	229,095	1,217,044
June	431,619	628,081	235,845	1,295,545
July	501,175	670,910	247,360	1,419,445
Aug.	538,404	697,649	253,344	1,489,397
Sept.	404,892	566,139	201,562	1,172,593
Oct.	355,231	586,175	219,644	1,161,050
Nov.	328,561	562,830	219,445	1,110,836
Dec.	371,815	575,436	229,597	1,176,848
Total 1998	4,710,692	7,080,420	2,651,302	14,442,414

*Includes estimated paid parked cars at meters

4.3.1

Annual Totals 1985-1998

Subway and New Jersey Transit

Number of Passengers

YEAR	JFK EXP. SUBWAY*	NEW JERSEY TRANSIT†		TOTAL
		AIRLINK #302	EXPRESS #300	
1985	1,144,928	205,724	2,262,324	3,612,976
1986	1,176,005	242,119	2,518,672	3,936,796
1987	1,319,789	456,308	1,377,853	3,153,950
1988	1,096,984	438,843	1,058,297	2,594,124
1989	1,033,294	339,222	674,496	2,047,012
1990	911,306	321,324	638,845	1,871,475
1991	1,355,329	307,499	558,520	2,221,348
1992	1,078,882	322,756	624,041	2,025,679
1993	1,141,746	306,044	681,982	2,129,772
1994	1,150,770	311,133	818,586	2,280,489
1995	1,152,414	217,330	683,601	2,053,345
1996	1,209,258	247,623	782,100	2,238,981
1997	1,737,245	272,799	630,938	2,640,982
1998	1,564,148	275,954	576,089	2,416,191

*From 1985 through 4/15/90, the JFK Express data include air passengers, airport employees, Aqueduct Race Track patrons, and commuters to Manhattan; thus, approximately 50% of total ridership shown in the table represents airport-related trips (air passengers and employees).

1990

JFK Express ceased operation on April 15, 1990.

Total JFK Express riders from 1/1/90 to 4/15/90 = **228,771**.

From 4/16/90 to 12/31/90: Includes A and C train riders who used the free Long Term Parking Lot Bus = **682,535**.

1991

From 1/1/91 to 12/31/91: Includes A and C train riders who used the free Long Term Parking Lot Bus.

1992

From 1/1/92 to 10/31/92: Includes A and C train riders who used the free Long Term Parking Lot Bus = **930,441**.

From 11/1/92 to 12/31/92: Includes A train riders only who used the free Long Term Parking Lot Bus = **173,576**.

C train service to JFK was terminated in October, 1992

†New Jersey Transit Routes: Airlink #302: EWR – Newark and return.

Express Bus #300: EWR – Manhattan and return. Handled by Olympia Trails as of 4/5/97.

4.3.2

Monthly Totals 1997-1998

Subway and New Jersey Transit

Number of Passengers 1997

MONTH	A SUBWAY	NEW JERSEY TRANSIT†		TOTAL
		Airlink #302	Express #300	
Jan.	122,100	22,367	50,282	194,749
Feb.	122,261	21,154	47,726	191,141
Mar.	137,651	22,576	60,584	220,811
Apr.	128,964	23,004	45,146	197,114
May	139,502	21,935	51,096	212,533
June	156,413	22,612	49,825	228,850
July	169,637	24,091	54,994	248,722
Aug.	167,057	22,067	64,187	253,311
Sept.	154,628	23,543	52,900	231,071
Oct.	150,684	23,987	47,921	222,592
Nov.	131,795	22,028	48,000	201,823
Dec.	156,553	23,435	58,277	238,265
Total 1997	1,737,245	272,799	630,938	2,640,982

Number of Passengers 1998

MONTH	A SUBWAY	NEW JERSEY TRANSIT		TOTAL
		Airlink #302	Express #300	
Jan.	147,345	23,753	38,272	209,370
Feb.	124,942	22,005	33,864	180,811
Mar.	136,670	21,563	43,691	201,924
Apr.	144,447	24,938	43,884	213,269
May	138,820	20,636	50,158	209,614
June	141,571	21,193	51,210	213,974
July	140,092	20,915	52,029	213,036
Aug.	122,565	21,114	56,625	200,304
Sept.	110,798	21,325	54,252	186,375
Oct.	119,860	25,590	51,167	196,617
Nov.	125,169	25,352	47,678	198,199
Dec.	111,869	27,570	53,259	192,698
Total 1998	1,564,148	275,954	576,089	2,416,191

†New Jersey Transit Routes:

Airlink #302: EWR – Newark and return.

Express Bus #300: EWR – Manhattan and return. As of 4/5/97 being handled by Olympia Trails.

4.4.1

Annual Totals 1985-1998

Airport Employment

YEAR	JFK	EWR	LGA	TOTAL
1985	41,720	12,669	10,339	64,728
1986	40,558	14,438	9,120	64,116
1987	40,974	*14,438	*9,120	64,532
1988	*40,974	13,552	*9,120	63,646
1989	*40,974	*13,552	8,830	63,356
1990	46,057	15,627	10,472	72,156
1991	40,284	15,677	9,249	65,210
1992	35,862	17,032	9,598	62,492
1993	35,154	17,821	10,272	63,247
1994	37,365	18,572	9,180	65,117
1995	*37,365	*18,572	*9,180	65,117
1996	*37,365	*18,572	*9,180	65,117
1997	*37,365	*18,572	*9,180	65,117
1998	*37,365	*18,572	*9,180	65,117

* Airport not surveyed for this year.

Note: Employment numbers are based on an annual employment census conducted in August.

4.5.1

Estimated Payroll

Annual Totals 1985-1998

YEAR	JFK	EWR	LGA	TOTAL*
1985	1,401,000	345,000	369,000	2,115,000
1986	1,345,000	400,000	315,000	2,060,000
1987	1,381,000	406,000	320,000	2,107,000
1988	1,441,000	398,000	334,000	2,173,000
1989	1,513,000	418,000	340,000	2,271,000
1990	1,710,000	485,000	405,000	2,600,000
1991	1,555,000	506,000	372,000	2,433,000
1992	1,437,000	570,000	401,000	2,408,000
1993	1,473,000	624,000	448,000	2,545,000
1994	1,655,000	687,000	424,000	2,766,000
1995	1,743,000	724,000	446,000	2,913,000
1996	1,813,000	464,000	753,000	3,030,000
1997	1,853,000	474,000	770,000	3,097,000
1998	1,870,000	479,000	777,000	3,126,000

4.6.1

New York/New Jersey Region

The Economic Impact of the Aviation Industry

1998

IMPACT	JOB	KENNEDY INTERNATIONAL AIRPORT WAGES	SALES
Aviation Industry	136,160	\$5,269	\$16,311
Airport Construction	4,570	\$191	\$530
Visitors to the Region	66,970	\$1,736	\$5,531
Total Economic Impact	207,700	\$7,197	\$22,372
Air Cargo Industry	59,620	\$2,341	\$6,979

IMPACT	JOB	NEWARK INTERNATIONAL AIRPORT WAGES	SALES
Aviation Industry	65,530	\$2,489	\$7,578
Airport Construction	1,360	\$57	\$161
Visitors to the Region	43,100	\$1,134	\$3,561
Total Economic Impact	109,990	\$3,680	\$11,300
Air Cargo Industry	22,670	\$898	\$2,622

IMPACT	JOB	LAGUARDIA AIRPORT WAGES	SALES
Aviation Industry	30,940	\$1,163	\$3,575
Airport Construction	640	\$26	\$74
Visitors to the Region	31,000	\$888	\$2,551
Total Economic Impact	62,580	\$2,078	\$6,201
Air Cargo Industry	1,810	\$70	\$208

IMPACT	JOB	PORT AUTHORITY AIRPORTS WAGES	SALES
Aviation Industry	232,630	\$8,921	\$27,465
Airport Construction	6,570	\$275	\$765
Visitors to the Region	141,070	\$3,758	\$11,643
Total Economic Impact	380,270	\$12,955	\$39,873
Air Cargo Industry	84,100	\$3,309	\$9,809

The Air Cargo Industry Impact is included in the "Aviation Industry Impact".

- Note:**
- 1 The Economic Impact is based on 1994 levels of operation expressed in \$1998. All Dollar amounts are in \$Millions of 1998 dollars.
 - 2 The Economic Impact of P.A. Airports now includes "Airport Construction" and "Visitors To The Region". Previous Economic Impacts were only developed for the "Aviation Industry".

GENERAL

Origin – The airport at which a passenger or cargo shipment or flight begins its journey.

Destination – The airport at which a passenger or cargo shipment or flight ends its journey.

Scheduled Airline – An air carrier that operates over certificated routes, based on published flight schedules.

New York Customs District – JFK, LGA, EWR, the three airports operated by the Port Authority of New York and New Jersey.

AIRCRAFT MOVEMENTS

Scheduled Passenger Flights – Total takeoffs and landings of flights services over an air carrier's certificated routes, based on published flight schedules.

Cargo Flights – Total takeoffs and landings of all cargo aircraft.

Commuter Flights – Total takeoffs and landings of flight services provided by an air carrier using aircraft with seating capacity of fewer than fifty-six.

Charter Flights – Total takeoffs and landings of unscheduled revenue flights.

Non-Revenue Flights – Takeoffs and landings usually associated with flight testing, maintenance, or repositioning for scheduling purposes.

PASSENGER TRAFFIC

Scheduled Passenger – A person whose journey is being taken on a scheduled airline.

Commuter Passenger – A person on board a commuter flight.

Charter Passenger – A person receiving nonscheduled air transport services.

CARGO

Cargo – Freight plus Mail.

Revenue Freight – Freight carried for which an air carrier receives remuneration.

Revenue Mail – Mail carried for which *an air carrier receives remuneration.

MARKET

Domestic Market – Service within and between the 50 U.S. States, the District of Columbia and U.S. territories such as Puerto Rico, Guam etc.

International Market – Service outside the 50 States of the U.S. and the District of Columbia. It currently includes service to the U.S. Virgin Islands.

Trans Atlantic – Service to Europe, Middle East, Africa, and other locations by way of the Atlantic.

Trans Pacific – Service to Asia/Australia, the Pacific Islands and other locations by way of the Pacific.

Latin America – Service to Central and South America, and the Caribbean (excluding Mexico). Includes the U.S. Virgin Islands.

Canada/Mexico – All Canadian provinces/all of Mexico.

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