



FORECASTS OF IFR AIRCRAFT
HANDLED BY FAA AIR ROUTE
TRAFFIC CONTROL CENTERS
FY 2017-2040

Contents

IFR AIRCRAFT HANDLED BY FAA AIR ROUTE TRAFFIC CONTROL CENTERS.....	3
SUMMARY OF RESULTS	3
Total IFR Aircraft Handled at Air Route Traffic Control Centers	4
Forecast Tables by Service Area and Air Route Traffic Control Center	5
Central Region Service Area (CEOSA).....	5
ZAB - Albuquerque, New Mexico ARTCC	7
ZAU - Chicago, Illinois ARTCC.....	9
ZFW - Fort Worth, Texas ARTCC.....	11
ZHU - Houston, Texas ARTCC	13
ZID - Indianapolis, Indiana ARTCC.....	15
ZKC - Kansas City, Kansas ARTCC.....	17
ZMP - Minneapolis, Minnesota ARTCC	19
ZOB - Cleveland, Ohio ARTCC.....	21
Eastern Region Service Area (EEOSA).....	23
ZBW - Nashua, New Hampshire ARTCC	25
ZDC - Leesburg, Virginia ARTCC	27
ZJX - Jacksonville, Florida ARTCC.....	29
ZMA - Miami, Florida ARTCC	31
ZME - Memphis, Tennessee ARTCC.....	33
ZNY - New York, New York ARTCC.....	35
ZSU - San Juan, Puerto Rico CERAP	37
ZTL - Atlanta, Georgia ARTCC.....	39
Western Region Service Area (WEOSA).....	41
HCF - Honolulu, Hawaii Control Facility.....	43
ZAN - Anchorage, Alaska ARTCC	45
ZDV - Denver, Colorado ARTCC	47
ZLA - Los Angeles, California ARTCC	49
ZLC - Salt Lake City, Utah ARTCC.....	51
ZOA - Oakland, California ARTCC	53

ZSE - Seattle, Washington ARTCC 55
ZUA - Guam CERAP..... 57

IFR AIRCRAFT HANDLED BY FAA AIR ROUTE TRAFFIC CONTROL CENTERS

SUMMARY OF RESULTS

This report provides forecasts of Instrument Flight Rule (IFR) aircraft handled by individual Federal Aviation Administration (FAA) Air Route Traffic Control Centers (ARTCC). These forecasts are consistent with the national forecasts reported in *FAA Aerospace Forecasts Fiscal Years 2017-2037*. Final forecasts for the 24 individual centers are the basis for the national forecast. These forecasts serve as a base for the FAA planning and budget process in determining future requirements for facilities, equipment, and manpower. A summary of projected IFR aircraft handled for individual centers is presented on page 2.

Forecasts of the number of IFR aircraft handled (defined as two times IFR departures plus IFR overs), by user group (commercial, general aviation, and military), are presented for each of the 23 centers and Guam. Summary tables are also provided for each of the Air Traffic Organization (ATO) service areas. These tables contain historical data for the period FY 1990 through FY 2016 and forecasts for FY 2017 through FY 2040.

During the 24-year forecast period, the number of aircraft handled is forecast to increase 1.4 percent annually, going from 43.2 million aircraft handled in 2016 to 60.3 million in 2040. The largest increase occurs in the commercial aircraft handled category (air carrier plus air taxi/commuter). This category of aircraft is forecast to increase from 34.1 million aircraft handled in 2016 to 49.6 million in 2040--an average annual growth of 1.6 percent. General aviation aircraft handled are forecast to increase at a rate of 0.8 percent annually, totaling 8.9 million aircraft handled in 2040. Military aircraft handled are forecast to hold steady at 2016 levels and total 1.8 million in 2040.

Total IFR Aircraft Handled at Air Route Traffic Control Centers

Center	Location Identifier	Actual FY 2016	Forecast FY 2017	FY 2020	FY 2030	FY 2040	Average Annual % Growth (2016-2040)
Indianapolis	ZID	2,023,298	2,111,871	2,206,027	2,783,167	3,451,477	2.3%
Kansas City	ZKC	1,751,235	1,802,687	1,924,494	2,391,919	2,877,114	2.1%
Seattle	ZSE	1,173,627	1,227,572	1,305,974	1,541,708	1,810,576	1.8%
Fort Worth	ZFW	2,299,251	2,291,654	2,316,377	2,690,690	3,457,164	1.7%
Jacksonville	ZJX	2,393,729	2,439,646	2,548,248	2,987,297	3,514,620	1.6%
Honolulu	HCF	489,032	502,176	523,314	613,254	716,224	1.6%
Guam	ZUA	267,862	271,950	284,708	333,100	392,008	1.6%
Houston	ZHU	2,250,837	2,231,628	2,254,655	2,685,729	3,281,808	1.6%
Salt Lake	ZLC	1,394,441	1,433,514	1,512,228	1,759,748	2,026,402	1.6%
Oakland	ZOA	1,640,881	1,720,654	1,776,567	2,049,708	2,383,395	1.6%
Chicago	ZAU	2,397,472	2,458,936	2,477,399	2,884,997	3,419,251	1.5%
Memphis	ZME	2,099,894	2,213,384	2,279,867	2,599,488	2,949,083	1.4%
New York	ZNY	2,684,769	2,687,689	2,773,185	3,222,369	3,760,244	1.4%
Los Angeles	ZLA	2,229,653	2,352,727	2,447,179	2,731,880	3,093,037	1.4%
Atlanta	ZTL	3,047,184	3,133,060	3,244,930	3,637,200	4,198,587	1.3%
Miami	ZMA	2,546,654	2,594,581	2,665,395	3,023,365	3,473,879	1.3%
Minneapolis	ZMP	1,941,944	1,993,558	2,039,015	2,311,802	2,631,219	1.3%
Albuquerque	ZAB	1,564,647	1,594,637	1,670,547	1,840,631	2,024,478	1.1%
Denver	ZDV	1,764,984	1,825,382	1,876,243	2,029,776	2,189,625	0.9%
Cleveland	ZOB	2,387,361	2,439,383	2,452,684	2,674,189	2,932,942	0.9%
Anchorage	ZAN	582,494	583,817	598,144	649,883	710,787	0.8%
Leesburg	ZDC	2,464,286	2,483,810	2,525,141	2,716,707	2,931,965	0.7%
San Juan	ZSU	320,531	318,175	317,391	338,911	378,418	0.7%
Nashua	ZBW	1,523,097	1,531,948	1,561,282	1,614,556	1,695,777	0.4%
Grand Total		43,239,163	44,244,440	45,580,989	52,112,075	60,300,081	1.4%

Forecast Tables by Service Area and Air Route Traffic Control Center

IFR Aircraft Handled By User Category					
Central Region Service Area (CEOSA)					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	9,744,995	3,578,990	2,245,664	15,569,649
	1991	9,690,095	3,406,391	2,032,516	15,129,002
	1992	9,920,534	3,472,451	1,979,532	15,372,517
	1993	10,374,832	3,509,253	1,868,911	15,752,996
	1994	11,060,086	3,656,415	1,916,787	16,633,288
	1995	11,832,312	3,709,430	1,670,482	17,212,224
	1996	12,181,681	3,693,970	1,515,328	17,390,979
	1997	12,518,027	3,821,216	1,431,016	17,770,259
	1998	12,875,504	3,925,370	1,499,818	18,300,692
	1999	13,702,536	3,961,086	1,492,833	19,156,455
	2000	14,139,691	3,860,067	1,620,455	19,620,213
	2001	13,845,616	3,467,944	1,586,732	18,900,292
	2002	13,460,367	3,499,430	1,480,485	18,440,282
	2003	13,505,343	3,396,901	1,464,929	18,367,173
	2004	14,200,647	3,516,573	1,490,934	19,208,154
	2005	14,373,406	3,481,356	1,375,092	19,229,854
	2006	13,760,295	3,400,773	1,400,476	18,561,544
	2007	13,907,621	3,401,836	1,293,165	18,602,622
	2008	13,410,902	3,136,495	1,262,585	17,809,982
	2009	11,698,974	2,573,466	1,152,788	15,425,228
	2010	11,611,039	2,662,708	1,182,148	15,455,895
	2011	12,137,328	2,667,031	847,297	15,651,656
	2012	12,143,401	2,678,867	675,450	15,497,718
	2013	11,776,948	2,675,457	601,130	15,053,535
	2014	12,459,730	2,916,683	674,846	16,051,259
	2015	12,537,000	2,946,987	678,813	16,162,800
	2016	12,888,285	3,033,769	693,991	16,616,045
Forecast	2017	13,163,892	3,066,471	693,991	16,924,354
	2018	13,309,379	3,075,854	693,991	17,079,224
	2019	13,433,257	3,082,679	693,991	17,209,927

IFR Aircraft Handled By User Category					
	2020	13,555,842	3,091,363	693,991	17,341,196
	2021	13,688,191	3,103,928	693,991	17,486,110
	2022	13,854,746	3,125,808	693,991	17,674,545
	2023	14,087,042	3,165,650	693,991	17,946,683
	2024	14,341,236	3,210,920	693,991	18,246,147
	2025	14,607,548	3,259,645	693,991	18,561,184
	2026	14,885,080	3,311,446	693,991	18,890,517
	2027	15,166,489	3,364,216	693,991	19,224,696
	2028	15,451,912	3,418,152	693,991	19,564,055
	2029	15,743,546	3,473,817	693,991	19,911,354
	2030	16,038,827	3,530,307	693,991	20,263,125
	2031	16,336,981	3,587,478	693,991	20,618,450
	2032	16,638,155	3,645,342	693,991	20,977,488
	2033	16,943,294	3,704,110	693,991	21,341,395
	2034	17,255,348	3,764,560	693,991	21,713,899
	2035	17,575,829	3,826,982	693,991	22,096,801
	2036	17,900,850	3,890,260	693,991	22,485,102
	2037	18,227,312	3,953,748	693,991	22,875,051
	2038	18,558,125	4,018,111	693,991	23,270,227
	2039	18,893,226	4,083,293	693,991	23,670,510
	2040	19,232,324	4,149,139	693,991	24,075,454
	Average Annual Growth (2016-40)	1.7%	1.3%	0.0%	1.6%

IFR Aircraft Handled By User Category					
ZAB - Albuquerque, New Mexico ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	826,386	184,458	488,460	1,499,304
	1991	829,995	180,006	422,372	1,432,373
	1992	839,665	187,445	333,344	1,360,454
	1993	897,038	199,507	265,418	1,361,963
	1994	933,308	200,020	268,871	1,402,199
	1995	1,015,292	201,361	256,600	1,473,253
	1996	1,060,395	192,395	246,808	1,499,598
	1997	1,102,590	209,179	231,600	1,543,369
	1998	1,284,999	246,639	235,767	1,767,405
	1999	1,520,054	288,894	249,625	2,058,573
	2000	1,586,876	284,188	257,836	2,128,900
	2001	1,321,752	244,197	238,120	1,804,069
	2002	1,258,639	250,559	230,900	1,740,098
	2003	1,208,600	238,701	247,350	1,694,651
	2004	1,279,211	252,139	224,557	1,755,907
	2005	1,300,681	266,600	208,665	1,775,946
	2006	1,276,566	262,844	185,785	1,725,195
	2007	1,287,177	274,730	181,151	1,743,058
	2008	1,247,681	262,778	170,932	1,681,391
	2009	1,089,106	215,957	149,111	1,454,174
	2010	1,083,629	226,669	149,147	1,459,445
	2011	1,141,837	223,176	118,738	1,483,751
	2012	1,134,914	218,099	97,818	1,450,831
	2013	1,082,065	214,493	81,737	1,378,295
	2014	1,146,439	228,622	89,710	1,464,771
	2015	1,188,170	234,160	95,672	1,518,002
	2016	1,231,318	238,158	95,171	1,564,647
Forecast	2017	1,256,421	243,045	95,171	1,594,637
	2018	1,281,450	247,454	95,171	1,624,075
	2019	1,302,802	251,260	95,171	1,649,233
	2020	1,320,880	254,496	95,171	1,670,547
	2021	1,336,657	257,304	95,171	1,689,132
	2022	1,351,398	259,887	95,171	1,706,456
	2023	1,366,059	262,416	95,171	1,723,646
	2024	1,380,225	264,867	95,171	1,740,263
	2025	1,394,074	267,258	95,171	1,756,503
	2026	1,408,293	269,690	95,171	1,773,154

IFR Aircraft Handled By User Category					
	2027	1,422,520	272,130	95,171	1,789,822
	2028	1,436,749	274,573	95,171	1,806,493
	2029	1,451,249	277,053	95,171	1,823,473
	2030	1,465,898	279,562	95,171	1,840,631
	2031	1,480,561	282,078	95,171	1,857,810
	2032	1,495,273	284,602	95,171	1,875,046
	2033	1,510,123	287,146	95,171	1,892,440
	2034	1,525,381	289,752	95,171	1,910,304
	2035	1,541,221	292,450	95,171	1,928,842
	2036	1,557,342	295,204	95,171	1,947,718
	2037	1,573,455	297,968	95,171	1,966,594
	2038	1,589,738	300,758	95,171	1,985,668
	2039	1,606,233	303,582	95,171	2,004,987
	2040	1,622,874	306,433	95,171	2,024,478
Average Annual Growth (2016-40)		1.2%	1.1%	0.0%	1.1%

IFR Aircraft Handled By User Category
ZAU - Chicago, Illinois ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,811,205	633,424	138,951	2,583,580
	1991	1,887,707	610,293	95,611	2,593,611
	1992	1,821,709	619,373	101,504	2,542,586
	1993	1,881,255	630,358	118,825	2,630,438
	1994	1,957,719	666,558	188,110	2,812,387
	1995	2,121,150	678,944	93,636	2,893,730
	1996	2,132,979	660,868	80,374	2,874,221
	1997	2,092,633	682,719	80,025	2,855,377
	1998	2,039,316	656,045	88,730	2,784,091
	1999	2,128,248	641,735	80,646	2,850,629
	2000	2,191,497	629,988	102,903	2,924,388
	2001	2,178,265	558,659	124,610	2,861,534
	2002	2,123,662	561,340	133,252	2,818,254
	2003	2,155,076	536,257	146,282	2,837,615
	2004	2,271,095	546,117	167,580	2,984,792
	2005	2,340,534	534,068	61,175	2,935,777
	2006	2,235,108	519,097	93,878	2,848,083
	2007	2,201,171	505,379	127,510	2,834,060
	2008	2,087,909	441,539	135,403	2,664,851
	2009	1,869,057	350,124	117,364	2,336,545
	2010	1,892,302	364,748	130,085	2,387,135
	2011	2,002,373	360,480	57,718	2,420,571
	2012	2,000,804	358,669	28,486	2,387,959
	2013	1,839,341	350,381	18,715	2,208,437
	2014	1,933,861	354,228	18,756	2,306,845
	2015	1,888,407	352,310	18,007	2,258,724
	2016	1,979,327	398,016	20,129	2,397,472
Forecast	2017	2,028,132	410,675	20,129	2,458,936
	2018	2,041,689	409,593	20,129	2,471,411
	2019	2,049,341	406,208	20,129	2,475,678
	2020	2,055,161	402,109	20,129	2,477,399
	2021	2,064,310	399,308	20,129	2,483,747
	2022	2,078,777	398,581	20,129	2,497,487
	2023	2,113,117	405,600	20,129	2,538,846
	2024	2,152,106	414,433	20,129	2,586,668
	2025	2,191,032	423,241	20,129	2,634,402
	2026	2,231,427	432,622	20,129	2,684,177

IFR Aircraft Handled By User Category					
	2027	2,271,569	441,904	20,129	2,733,601
	2028	2,311,830	451,232	20,129	2,783,191
	2029	2,353,061	460,939	20,129	2,834,129
	2030	2,394,242	470,626	20,129	2,884,997
	2031	2,435,347	480,283	20,129	2,935,759
	2032	2,476,532	489,972	20,129	2,986,634
	2033	2,518,028	499,782	20,129	3,037,939
	2034	2,560,566	509,998	20,129	3,090,694
	2035	2,604,397	520,718	20,129	3,145,245
	2036	2,648,410	531,510	20,129	3,200,049
	2037	2,691,978	542,127	20,129	3,254,234
	2038	2,735,916	552,889	20,129	3,308,934
	2039	2,780,163	563,771	20,129	3,364,063
	2040	2,824,452	574,670	20,129	3,419,251
Average Annual Growth (2016-40)		1.5%	1.5%	0.0%	1.5%

IFR Aircraft Handled By User Category					
ZFW - Fort Worth, Texas ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,198,004	364,609	388,943	1,951,556
	1991	1,189,392	354,629	367,586	1,911,607
	1992	1,238,684	354,958	383,670	1,977,312
	1993	1,336,476	353,700	334,370	2,024,546
	1994	1,418,768	356,912	296,168	2,071,848
	1995	1,513,269	363,115	255,341	2,131,725
	1996	1,512,505	360,977	248,309	2,121,791
	1997	1,507,721	371,518	232,755	2,111,994
	1998	1,532,085	382,611	251,237	2,165,933
	1999	1,549,631	385,372	241,881	2,176,884
	2000	1,610,925	370,220	250,920	2,232,065
	2001	1,575,651	348,797	249,304	2,173,752
	2002	1,477,045	370,614	245,677	2,093,336
	2003	1,516,083	366,225	231,082	2,113,390
	2004	1,589,125	386,138	241,191	2,216,454
	2005	1,533,825	383,395	233,495	2,150,715
	2006	1,512,037	388,683	243,723	2,144,443
	2007	1,554,215	401,510	217,214	2,172,939
	2008	1,517,443	385,018	209,677	2,112,138
	2009	1,367,241	334,630	208,824	1,910,695
	2010	1,385,628	347,898	210,342	1,943,868
	2011	1,429,761	361,645	168,441	1,959,847
	2012	1,445,567	369,846	150,425	1,965,838
	2013	1,486,941	375,817	144,960	2,007,718
	2014	1,587,710	440,409	171,476	2,199,595
	2015	1,653,079	448,502	171,884	2,273,465
	2016	1,677,260	445,119	176,872	2,299,251
Forecast	2017	1,676,603	438,179	176,872	2,291,654
	2018	1,686,851	438,620	176,872	2,302,344
	2019	1,695,520	436,828	176,872	2,309,220
	2020	1,704,069	435,435	176,872	2,316,377
	2021	1,713,911	434,467	176,872	2,325,250
	2022	1,729,676	435,772	176,872	2,342,320
	2023	1,754,218	440,031	176,872	2,371,121
	2024	1,782,886	445,159	176,872	2,404,917
	2025	1,814,701	451,163	176,872	2,442,736
	2026	1,850,284	458,249	176,872	2,485,405

IFR Aircraft Handled By User Category					
	2027	1,888,491	465,894	176,872	2,531,257
	2028	1,929,551	474,267	176,872	2,580,690
	2029	1,973,740	483,408	176,872	2,634,020
	2030	2,020,681	493,137	176,872	2,690,690
	2031	2,070,406	503,478	176,872	2,750,756
	2032	2,122,900	514,394	176,872	2,814,166
	2033	2,178,314	525,922	176,872	2,881,109
	2034	2,237,156	538,209	176,872	2,952,238
	2035	2,299,635	551,267	176,872	3,027,774
	2036	2,365,115	564,838	176,872	3,106,825
	2037	2,433,333	578,858	176,872	3,189,063
	2038	2,504,535	593,404	176,872	3,274,811
	2039	2,578,821	608,469	176,872	3,364,162
	2040	2,656,244	624,048	176,872	3,457,164
Average Annual Growth (2016-40)		1.9%	1.4%	0.0%	1.7%

IFR Aircraft Handled By User Category
ZHU - Houston, Texas ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	870,824	401,354	444,454	1,716,632
	1991	878,058	378,812	407,039	1,663,909
	1992	869,917	380,282	411,108	1,661,307
	1993	929,219	398,093	398,943	1,726,255
	1994	997,101	414,122	437,178	1,848,401
	1995	1,077,695	405,884	400,097	1,883,676
	1996	1,069,740	400,567	423,977	1,894,284
	1997	1,099,142	434,532	423,934	1,957,608
	1998	1,136,798	431,085	436,136	2,004,019
	1999	1,187,314	439,558	411,411	2,038,283
	2000	1,225,246	429,285	423,117	2,077,648
	2001	1,256,450	411,350	393,587	2,061,387
	2002	1,287,174	416,142	265,012	1,968,328
	2003	1,307,055	418,441	247,813	1,973,309
	2004	1,399,806	439,073	257,706	2,096,585
	2005	1,447,155	439,640	259,954	2,146,749
	2006	1,435,860	433,032	239,347	2,108,239
	2007	1,550,121	452,211	202,802	2,205,134
	2008	1,551,778	438,950	197,575	2,188,303
	2009	1,389,277	376,766	201,214	1,967,257
	2010	1,398,123	394,599	189,181	1,981,903
	2011	1,434,692	397,934	172,961	2,005,587
	2012	1,455,243	398,524	163,066	2,016,833
	2013	1,418,878	400,317	161,052	1,980,247
	2014	1,561,752	450,247	195,792	2,207,791
	2015	1,592,516	455,105	193,512	2,241,133
	2016	1,587,741	458,953	204,143	2,250,837
Forecast	2017	1,572,453	455,032	204,143	2,231,628
	2018	1,570,631	455,241	204,143	2,230,014
	2019	1,576,748	457,884	204,143	2,238,775
	2020	1,588,314	462,197	204,143	2,254,655
	2021	1,603,819	467,719	204,143	2,275,681
	2022	1,623,351	474,475	204,143	2,301,969
	2023	1,647,794	482,737	204,143	2,334,674
	2024	1,675,711	492,064	204,143	2,371,919
	2025	1,711,010	503,655	204,143	2,418,808

IFR Aircraft Handled By User Category					
	2026	1,748,762	515,998	204,143	2,468,904
	2027	1,788,037	528,808	204,143	2,520,988
	2028	1,828,536	541,993	204,143	2,574,672
	2029	1,870,089	555,502	204,143	2,629,734
	2030	1,912,356	569,230	204,143	2,685,729
	2031	1,955,135	583,114	204,143	2,742,392
	2032	1,998,290	597,114	204,143	2,799,547
	2033	2,041,831	611,232	204,143	2,857,206
	2034	2,086,028	625,551	204,143	2,915,722
	2035	2,131,115	640,143	204,143	2,975,401
	2036	2,176,818	654,924	204,143	3,035,886
	2037	2,222,858	669,809	204,143	3,096,809
	2038	2,269,162	684,774	204,143	3,158,079
	2039	2,315,762	699,830	204,143	3,219,736
	2040	2,362,681	714,984	204,143	3,281,808
Average Annual Growth (2016-40)		1.5%	1.7%	0.0%	1.4%

IFR Aircraft Handled By User Category
ZID - Indianapolis, Indiana ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,362,441	472,512	149,354	1,984,307
	1991	1,270,573	450,979	137,398	1,858,950
	1992	1,301,060	465,253	147,510	1,913,823
	1993	1,312,832	459,492	145,221	1,917,545
	1994	1,441,206	498,716	181,694	2,121,616
	1995	1,543,004	485,987	119,365	2,148,356
	1996	1,574,129	494,355	97,134	2,165,618
	1997	1,713,001	529,988	103,469	2,346,458
	1998	1,749,070	542,615	113,838	2,405,523
	1999	1,949,695	549,574	104,694	2,603,963
	2000	2,040,660	540,439	115,181	2,696,280
	2001	2,005,894	475,485	118,300	2,599,679
	2002	2,053,694	471,623	124,858	2,650,175
	2003	2,101,239	456,081	120,272	2,677,592
	2004	2,271,502	471,546	115,190	2,858,238
	2005	2,282,601	454,717	174,680	2,911,998
	2006	2,124,472	442,021	148,715	2,715,208
	2007	2,178,555	424,213	89,982	2,692,750
	2008	2,089,363	388,847	91,161	2,569,371
2009	1,624,820	307,771	76,029	2,008,620	
2010	1,559,420	315,292	77,650	1,952,362	
2011	1,598,413	317,154	52,026	1,967,593	
2012	1,580,741	315,470	40,515	1,936,726	
2013	1,518,424	319,468	34,507	1,872,399	
2014	1,565,807	338,420	34,245	1,938,472	
2015	1,579,204	340,110	34,020	1,953,334	
2016	1,635,730	353,000	34,568	2,023,298	
Forecast	2017	1,708,129	369,174	34,568	2,111,871
	2018	1,737,775	373,774	34,568	2,146,118
	2019	1,762,377	378,840	34,568	2,175,785
	2020	1,787,270	384,189	34,568	2,206,027
	2021	1,814,094	390,019	34,568	2,238,682
	2022	1,848,147	397,616	34,568	2,280,331
	2023	1,893,420	407,783	34,568	2,335,771
	2024	1,943,223	418,647	34,568	2,396,438
	2025	1,994,561	429,716	34,568	2,458,845
	2026	2,047,300	441,080	34,568	2,522,947

IFR Aircraft Handled By User Category					
	2027	2,100,419	452,483	34,568	2,587,470
	2028	2,153,692	463,911	34,568	2,652,171
	2029	2,207,508	475,470	34,568	2,717,546
	2030	2,261,537	487,062	34,568	2,783,167
	2031	2,315,604	498,655	34,568	2,848,827
	2032	2,369,664	510,245	34,568	2,914,477
	2033	2,423,838	521,864	34,568	2,980,270
	2034	2,478,484	533,598	34,568	3,046,651
	2035	2,533,844	545,496	34,568	3,113,908
	2036	2,589,439	557,424	34,568	3,181,431
	2037	2,644,805	569,285	34,568	3,248,658
	2038	2,700,373	581,206	34,568	3,316,147
	2039	2,756,058	593,149	34,568	3,383,775
	2040	2,811,806	605,103	34,568	3,451,477
Average Annual Growth (2016-40)		2.3%	2.3%	0.0%	2.3%

IFR Aircraft Handled By User Category
ZKC - Kansas City, Kansas ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	986,444	474,842	238,682	1,699,968
	1991	952,180	471,056	241,812	1,665,048
	1992	1,034,205	491,609	226,075	1,751,889
	1993	1,074,864	488,446	223,628	1,786,938
	1994	1,132,994	498,795	235,832	1,867,621
	1995	1,195,237	516,408	245,959	1,957,604
	1996	1,256,322	508,606	209,066	1,973,994
	1997	1,388,424	521,225	149,864	2,059,513
	1998	1,423,229	545,916	156,991	2,126,136
	1999	1,475,722	544,881	164,382	2,184,985
	2000	1,487,383	525,057	191,110	2,203,550
	2001	1,536,095	463,503	166,213	2,165,811
	2002	1,493,897	471,495	164,987	2,130,379
	2003	1,453,027	451,956	161,702	2,066,685
	2004	1,411,710	469,367	171,396	2,052,473
	2005	1,457,744	472,706	158,316	2,088,766
	2006	1,410,143	457,476	181,158	2,048,777
	2007	1,419,460	465,720	166,239	2,051,419
	2008	1,420,364	417,998	141,024	1,979,386
	2009	1,246,275	347,892	138,420	1,732,587
	2010	1,195,220	349,822	160,376	1,705,418
	2011	1,239,382	346,343	124,126	1,709,851
	2012	1,254,178	350,712	106,028	1,710,918
	2013	1,194,762	344,444	89,785	1,628,991
	2014	1,257,302	367,504	101,692	1,726,498
	2015	1,247,957	367,723	102,078	1,717,758
	2016	1,285,541	367,557	98,137	1,751,235
Forecast	2017	1,332,523	372,027	98,137	1,802,687
	2018	1,369,777	375,799	98,137	1,843,713
	2019	1,405,279	380,403	98,137	1,883,819
	2020	1,440,493	385,863	98,137	1,924,494
	2021	1,475,694	391,995	98,137	1,965,826
	2022	1,512,052	398,898	98,137	2,009,087
	2023	1,550,671	406,703	98,137	2,055,511
	2024	1,589,750	414,866	98,137	2,102,753
	2025	1,628,927	423,228	98,137	2,150,292
	2026	1,668,538	431,823	98,137	2,198,498

IFR Aircraft Handled By User Category					
	2027	1,708,080	440,493	98,137	2,246,709
	2028	1,747,624	449,229	98,137	2,294,990
	2029	1,787,281	458,042	98,137	2,343,460
	2030	1,826,902	466,880	98,137	2,391,919
	2031	1,866,407	475,716	98,137	2,440,259
	2032	1,905,796	484,542	98,137	2,488,474
	2033	1,945,145	493,373	98,137	2,536,656
	2034	1,984,713	502,268	98,137	2,585,118
	2035	2,024,564	511,239	98,137	2,633,939
	2036	2,064,409	520,211	98,137	2,682,758
	2037	2,104,061	529,139	98,137	2,731,337
	2038	2,143,714	538,071	98,137	2,779,922
	2039	2,183,403	547,013	98,137	2,828,553
	2040	2,223,034	555,942	98,137	2,877,114
Average Annual Growth (2016-40)		2.3%	1.7%	0.0%	2.1%

IFR Aircraft Handled By User Category
ZMP - Minneapolis, Minnesota ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,032,300	514,887	179,622	1,726,809
	1991	1,049,796	493,425	162,817	1,706,038
	1992	1,080,785	511,290	180,103	1,772,178
	1993	1,089,466	510,975	254,266	1,854,707
	1994	1,206,878	531,172	190,904	1,928,954
	1995	1,269,536	551,194	177,211	1,997,941
	1996	1,367,079	556,269	94,742	2,018,090
	1997	1,368,851	573,318	91,887	2,034,056
	1998	1,383,677	576,692	90,392	2,050,761
	1999	1,457,083	565,597	92,730	2,115,410
	2000	1,502,375	542,238	97,758	2,142,371
	2001	1,503,019	489,453	110,671	2,103,143
	2002	1,413,284	497,322	119,054	2,029,660
	2003	1,477,202	483,244	81,096	2,041,542
	2004	1,583,232	496,852	71,955	2,152,039
	2005	1,595,559	488,989	78,095	2,162,643
	2006	1,507,911	479,004	94,445	2,081,360
	2007	1,513,152	471,527	86,643	2,071,322
	2008	1,484,791	431,219	93,667	2,009,677
	2009	1,391,768	357,054	70,151	1,818,973
	2010	1,393,581	367,652	66,720	1,827,953
	2011	1,436,802	367,237	60,058	1,864,097
	2012	1,393,980	382,452	55,571	1,832,003
	2013	1,383,009	394,724	40,761	1,818,494
	2014	1,438,607	425,863	38,439	1,902,909
	2015	1,425,726	430,114	39,595	1,895,435
	2016	1,468,439	434,459	39,046	1,941,944
Forecast	2017	1,520,147	434,365	39,046	1,993,558
	2018	1,540,274	434,277	39,046	2,013,597
	2019	1,553,677	434,193	39,046	2,026,916
	2020	1,565,854	434,115	39,046	2,039,015
	2021	1,578,694	434,041	39,046	2,051,781
	2022	1,597,161	433,972	39,046	2,070,179
	2023	1,624,592	433,906	39,046	2,097,545
	2024	1,654,224	433,845	39,046	2,127,115
	2025	1,684,236	433,787	39,046	2,157,069
	2026	1,715,162	433,733	39,046	2,187,940

IFR Aircraft Handled By User Category					
	2027	1,746,101	433,682	39,046	2,218,829
	2028	1,777,039	433,633	39,046	2,249,719
	2029	1,808,063	433,588	39,046	2,280,697
	2030	1,839,211	433,545	39,046	2,311,802
	2031	1,870,350	433,505	39,046	2,342,902
	2032	1,901,473	433,467	39,046	2,373,987
	2033	1,932,748	433,432	39,046	2,405,226
	2034	1,964,407	433,398	39,046	2,436,852
	2035	1,996,713	433,367	39,046	2,469,126
	2036	2,029,279	433,337	39,046	2,501,663
	2037	2,061,379	433,309	39,046	2,533,735
	2038	2,093,699	433,283	39,046	2,566,028
	2039	2,126,162	433,259	39,046	2,598,466
	2040	2,158,938	433,235	39,046	2,631,219
Average Annual Growth (2016-40)		1.6%	0.0%	0.0%	1.2%

IFR Aircraft Handled By User Category					
ZOB - Cleveland, Ohio ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,657,391	532,904	217,198	2,407,493
	1991	1,632,394	467,191	197,881	2,297,466
	1992	1,734,509	462,241	196,218	2,392,968
	1993	1,853,682	468,682	128,240	2,450,604
	1994	1,972,112	490,120	118,030	2,580,262
	1995	2,097,129	506,537	122,273	2,725,939
	1996	2,208,532	519,933	114,918	2,843,383
	1997	2,245,665	498,737	117,482	2,861,884
	1998	2,326,330	543,767	126,727	2,996,824
	1999	2,434,789	545,475	147,464	3,127,728
	2000	2,494,729	538,652	181,630	3,215,011
	2001	2,468,490	476,500	185,927	3,130,917
	2002	2,352,972	460,335	196,745	3,010,052
	2003	2,287,061	445,996	229,332	2,962,389
	2004	2,394,966	455,341	241,359	3,091,666
	2005	2,415,307	441,241	200,712	3,057,260
	2006	2,258,198	418,616	213,425	2,890,239
	2007	2,203,770	406,546	221,624	2,831,940
	2008	2,011,573	370,146	223,146	2,604,865
	2009	1,721,430	283,272	191,675	2,196,377
	2010	1,706,377	296,538	199,142	2,202,057
	2011	1,854,068	293,062	93,229	2,240,359
	2012	1,877,974	285,095	33,541	2,196,610
	2013	1,853,528	275,813	29,613	2,158,954
	2014	1,968,252	311,390	24,736	2,304,378
	2015	1,961,941	318,963	24,045	2,304,949
	2016	2,022,929	338,507	25,925	2,387,361
Forecast	2017	2,069,484	343,974	25,925	2,439,383
	2018	2,080,932	341,096	25,925	2,447,953
	2019	2,087,512	337,063	25,925	2,450,500
	2020	2,093,800	332,959	25,925	2,452,684
	2021	2,101,011	329,075	25,925	2,456,011
	2022	2,114,184	326,608	25,925	2,466,716
	2023	2,137,171	326,473	25,925	2,489,570
	2024	2,163,110	327,040	25,925	2,516,075
	2025	2,189,007	327,597	25,925	2,542,529
	2026	2,215,315	328,252	25,925	2,569,492

IFR Aircraft Handled By User Category					
	2027	2,241,272	328,823	25,925	2,596,020
	2028	2,266,890	329,313	25,925	2,622,128
	2029	2,292,554	329,815	25,925	2,648,295
	2030	2,318,000	330,265	25,925	2,674,189
	2031	2,343,170	330,649	25,925	2,699,744
	2032	2,368,227	331,006	25,925	2,725,158
	2033	2,393,266	331,359	25,925	2,750,550
	2034	2,418,612	331,785	25,925	2,776,322
	2035	2,444,339	332,302	25,925	2,802,566
	2036	2,470,037	332,811	25,925	2,828,773
	2037	2,495,444	333,252	25,925	2,854,621
	2038	2,520,988	333,725	25,925	2,880,638
	2039	2,546,624	334,220	25,925	2,906,769
	2040	2,572,294	334,723	25,925	2,932,942
Average Annual Growth (2016-40)		1.0%	0.0%	0.0%	0.9%

**IFR Aircraft Handled By User Category
Eastern Region Service Area (EEOA)**

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	8,995,165	3,031,245	1,667,504	13,693,914
	1991	8,610,011	2,786,765	1,618,412	13,015,188
	1992	8,775,856	2,819,653	1,653,010	13,248,519
	1993	9,165,882	2,796,378	1,593,251	13,555,511
	1994	9,797,240	2,889,466	1,396,584	14,083,290
	1995	10,061,574	2,969,694	1,430,592	14,461,860
	1996	10,105,049	3,008,453	1,324,073	14,437,575
	1997	10,261,462	3,157,726	1,374,024	14,793,212
	1998	10,844,912	3,399,409	1,671,760	15,916,081
	1999	11,389,177	3,520,296	1,675,908	16,585,381
	2000	12,034,711	3,568,569	1,600,933	17,204,213
	2001	12,368,112	3,279,861	1,462,904	17,110,877
	2002	11,587,019	3,420,367	1,516,875	16,524,261
	2003	11,748,802	3,379,659	1,533,888	16,662,349
	2004	12,587,815	3,549,612	1,661,214	17,798,641
	2005	13,362,935	3,556,787	1,855,813	18,775,535
	2006	12,689,988	3,490,177	1,928,399	18,108,564
	2007	13,211,568	3,552,193	1,767,670	18,531,431
	2008	13,192,471	3,263,496	1,640,886	18,096,853
	2009	12,744,574	2,711,692	1,100,526	16,556,792
	2010	12,739,702	2,800,245	1,117,773	16,657,720
	2011	13,230,351	2,801,845	799,585	16,831,781
	2012	13,391,747	2,730,232	626,272	16,748,251
	2013	13,175,254	2,678,735	591,397	16,445,386
	2014	12,964,558	2,706,681	643,546	16,314,785
	2015	13,103,198	2,901,142	621,520	16,625,860
	2016	13,352,880	3,082,194	645,070	17,080,144
Forecast	2017	13,604,452	3,152,771	645,070	17,402,293
	2018	13,787,504	3,180,019	645,070	17,612,593
	2019	13,936,022	3,192,944	645,070	17,774,036
	2020	14,072,644	3,197,725	645,070	17,915,439
	2021	14,213,884	3,197,290	645,070	18,056,244
	2022	14,376,509	3,196,647	645,070	18,218,226
	2023	14,577,469	3,200,495	645,070	18,423,035
	2024	14,791,068	3,206,280	645,070	18,642,418
	2025	15,010,950	3,212,659	645,070	18,868,679

	2026	15,247,232	3,222,747	645,070	19,115,048
	2027	15,487,473	3,234,053	645,070	19,366,596
	2028	15,729,203	3,245,610	645,070	19,619,883
	2029	15,976,246	3,257,740	645,070	19,879,056
	2030	16,224,932	3,269,890	645,070	20,139,892
	2031	16,475,528	3,282,085	645,070	20,402,683
	2032	16,728,382	3,294,594	645,070	20,668,046
	2033	16,982,728	3,307,288	645,070	20,935,087
	2034	17,241,301	3,320,581	645,070	21,206,952
	2035	17,505,751	3,334,903	645,070	21,485,724
	2036	17,772,423	3,349,777	645,070	21,767,270
	2037	18,037,492	3,364,537	645,070	22,047,099
	2038	18,305,207	3,379,672	645,070	22,329,949
	2039	18,575,313	3,395,294	645,070	22,615,677
	2040	18,846,332	3,411,171	645,070	22,902,573
Average Annual Growth (2016-40)		1.4%	0.4%	0.0%	1.2%

IFR Aircraft Handled By User Category
ZBW - Nashua, New Hampshire ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,201,881	290,270	171,367	1,663,518
	1991	1,075,462	252,342	199,437	1,527,241
	1992	1,139,764	256,654	188,411	1,584,829
	1993	1,219,510	245,961	145,047	1,610,518
	1994	1,220,736	248,399	142,624	1,611,759
	1995	1,281,581	272,236	179,511	1,733,328
	1996	1,297,333	268,903	150,337	1,716,573
	1997	1,330,858	285,234	144,769	1,760,861
	1998	1,489,332	328,389	189,074	2,006,795
	1999	1,383,662	306,964	168,923	1,859,549
	2000	1,512,270	313,639	72,444	1,898,353
	2001	1,556,161	280,141	69,277	1,905,579
	2002	1,418,339	285,121	85,554	1,789,014
	2003	1,424,609	283,865	76,374	1,784,848
	2004	1,479,567	295,546	73,473	1,848,586
	2005	1,541,151	286,893	66,828	1,894,872
	2006	1,482,031	279,517	72,273	1,833,821
	2007	1,532,956	286,140	94,376	1,913,472
	2008	1,529,983	275,582	78,065	1,883,630
	2009	1,450,824	232,167	52,973	1,735,964
	2010	1,423,806	239,346	48,104	1,711,256
	2011	1,454,264	241,114	50,945	1,746,323
	2012	1,440,954	226,446	39,157	1,706,557
	2013	1,406,761	214,499	37,429	1,658,689
	2014	1,233,649	181,124	34,611	1,449,384
	2015	1,251,523	185,811	35,210	1,472,544
	2016	1,305,901	180,698	36,498	1,523,097
Forecast	2017	1,320,877	174,573	36,498	1,531,948
	2018	1,342,733	171,068	36,498	1,550,298
	2019	1,353,974	167,829	36,498	1,558,301
	2020	1,360,361	164,423	36,498	1,561,282
	2021	1,364,682	160,856	36,498	1,562,035
	2022	1,369,681	157,246	36,498	1,563,425
	2023	1,377,154	153,695	36,498	1,567,347
	2024	1,385,004	150,146	36,498	1,571,648
	2025	1,392,769	146,564	36,498	1,575,831
	2026	1,400,966	145,426	36,498	1,582,890

IFR Aircraft Handled By User Category					
	2027	1,409,039	145,051	36,498	1,590,589
	2028	1,417,030	144,913	36,498	1,598,441
	2029	1,425,181	144,850	36,498	1,606,529
	2030	1,433,252	144,806	36,498	1,614,556
	2031	1,441,286	144,763	36,498	1,622,547
	2032	1,449,268	144,716	36,498	1,630,482
	2033	1,457,230	144,664	36,498	1,638,392
	2034	1,465,396	144,613	36,498	1,646,507
	2035	1,473,800	144,567	36,498	1,654,865
	2036	1,482,170	144,518	36,498	1,663,186
	2037	1,490,351	144,459	36,498	1,671,308
	2038	1,498,590	144,395	36,498	1,679,484
	2039	1,506,831	144,327	36,498	1,687,656
	2040	1,515,026	144,253	36,498	1,695,777
Average Annual Growth (2016-40)		0.6%	-0.9%	0.0%	0.4%

IFR Aircraft Handled By User Category					
ZDC - Leesburg, Virginia ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,491,357	458,030	297,579	2,246,966
	1991	1,460,395	417,357	292,251	2,170,003
	1992	1,469,159	426,138	312,993	2,208,290
	1993	1,501,553	420,992	293,895	2,216,440
	1994	1,619,612	426,131	294,400	2,340,143
	1995	1,647,812	429,447	273,921	2,351,180
	1996	1,629,860	426,963	246,404	2,303,227
	1997	1,693,091	456,033	250,795	2,399,919
	1998	1,693,814	469,445	291,529	2,454,788
	1999	1,781,325	477,599	349,879	2,608,803
	2000	1,874,285	476,388	407,490	2,758,163
	2001	1,892,773	441,243	424,863	2,758,879
	2002	1,679,416	456,364	420,664	2,556,444
	2003	1,668,511	442,077	445,794	2,556,382
	2004	1,778,254	472,783	575,087	2,826,124
	2005	1,896,088	474,837	749,830	3,120,755
	2006	1,768,266	466,195	679,103	2,913,564
2007	1,753,143	466,967	722,098	2,942,208	
2008	1,779,660	430,231	645,620	2,855,511	
2009	2,064,357	353,056	173,483	2,590,896	
2010	2,022,648	357,379	182,259	2,562,286	
2011	2,101,179	357,997	141,624	2,600,800	
2012	2,117,601	346,663	122,552	2,586,816	
2013	2,093,660	329,696	116,370	2,539,726	
2014	2,026,779	322,207	121,184	2,470,170	
2015	1,974,884	346,733	105,116	2,426,733	
2016	1,994,168	369,225	100,893	2,464,286	
Forecast	2017	2,011,473	371,443	100,893	2,483,810
	2018	2,026,954	373,434	100,893	2,501,282
	2019	2,038,707	375,215	100,893	2,514,815
	2020	2,047,681	376,567	100,893	2,525,141
	2021	2,057,230	377,600	100,893	2,535,723
	2022	2,071,104	378,698	100,893	2,550,695
	2023	2,088,762	380,294	100,893	2,569,949
	2024	2,107,175	382,326	100,893	2,590,394
	2025	2,125,702	384,444	100,893	2,611,039
	2026	2,144,742	386,575	100,893	2,632,211

IFR Aircraft Handled By User Category					
	2027	2,163,722	388,766	100,893	2,653,381
	2028	2,182,514	390,949	100,893	2,674,356
	2029	2,201,573	393,111	100,893	2,695,577
	2030	2,220,510	395,304	100,893	2,716,707
	2031	2,239,591	397,482	100,893	2,737,967
	2032	2,258,534	399,677	100,893	2,759,104
	2033	2,277,440	401,857	100,893	2,780,189
	2034	2,296,702	404,032	100,893	2,801,627
	2035	2,316,296	406,248	100,893	2,823,436
	2036	2,335,931	408,502	100,893	2,845,325
	2037	2,355,318	410,760	100,893	2,866,972
	2038	2,374,797	412,991	100,893	2,888,680
	2039	2,394,252	415,232	100,893	2,910,376
	2040	2,413,603	417,470	100,893	2,931,965
Average Annual Growth (2016-40)		0.8%	0.5%	0.0%	0.7%

IFR Aircraft Handled By User Category					
ZJX - Jacksonville, Florida ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,031,575	450,433	279,407	1,761,415
	1991	984,554	421,362	229,000	1,634,916
	1992	998,088	409,490	234,040	1,641,618
	1993	1,063,723	422,461	219,253	1,705,437
	1994	1,144,821	449,886	200,408	1,795,115
	1995	1,172,023	458,114	187,300	1,817,437
	1996	1,207,855	472,323	195,015	1,875,193
	1997	1,252,582	463,776	219,019	1,935,377
	1998	1,322,737	515,443	264,133	2,102,313
	1999	1,319,141	567,614	316,112	2,202,867
	2000	1,413,364	569,628	293,538	2,276,530
	2001	1,513,471	513,970	180,259	2,207,700
	2002	1,448,569	547,895	166,598	2,163,062
	2003	1,511,816	561,972	163,724	2,237,512
	2004	1,603,343	598,155	175,249	2,376,747
	2005	1,756,440	615,290	181,586	2,553,316
	2006	1,685,544	624,215	212,694	2,522,453
	2007	1,814,489	643,924	156,668	2,615,081
	2008	1,763,783	552,812	151,660	2,468,255
2009	1,585,654	440,418	140,734	2,166,806	
2010	1,589,786	464,611	155,340	2,209,737	
2011	1,663,740	451,779	136,311	2,251,830	
2012	1,661,289	436,515	116,844	2,214,648	
2013	1,644,457	434,652	114,496	2,193,605	
2014	1,667,083	439,452	133,482	2,240,017	
2015	1,607,602	517,894	147,159	2,272,655	
2016	1,652,161	583,636	157,932	2,393,729	
Forecast	2017	1,694,762	586,952	157,932	2,439,646
	2018	1,733,860	588,379	157,932	2,480,171
	2019	1,769,759	588,083	157,932	2,515,774
	2020	1,803,624	586,692	157,932	2,548,248
	2021	1,836,720	584,885	157,932	2,579,537
	2022	1,871,322	583,891	157,932	2,613,145
	2023	1,909,641	584,899	157,932	2,652,471
	2024	1,950,240	587,136	157,932	2,695,307
	2025	1,992,280	590,149	157,932	2,740,362
	2026	2,035,884	594,005	157,932	2,787,821

IFR Aircraft Handled By User Category					
	2027	2,080,479	598,395	157,932	2,836,806
	2028	2,125,417	602,970	157,932	2,886,319
	2029	2,170,934	607,856	157,932	2,936,722
	2030	2,216,562	612,803	157,932	2,987,297
	2031	2,262,408	617,867	157,932	3,038,206
	2032	2,308,556	623,093	157,932	3,089,581
	2033	2,354,870	628,410	157,932	3,141,212
	2034	2,401,455	633,872	157,932	3,193,259
	2035	2,448,611	639,642	157,932	3,246,184
	2036	2,496,184	645,636	157,932	3,299,752
	2037	2,543,603	651,548	157,932	3,353,082
	2038	2,591,189	657,549	157,932	3,406,670
	2039	2,639,012	663,678	157,932	3,460,622
	2040	2,686,864	669,824	157,932	3,514,620
Average Annual Growth (2016-40)		2.0%	0.6%	0.0%	1.6%

IFR Aircraft Handled By User Category					
ZMA - Miami, Florida ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,246,002	364,293	186,599	1,796,894
	1991	1,252,408	348,597	157,684	1,758,689
	1992	1,261,199	370,188	151,384	1,782,771
	1993	1,378,249	352,705	97,421	1,828,375
	1994	1,496,874	362,467	80,015	1,939,356
	1995	1,530,492	380,812	74,187	1,985,491
	1996	1,515,061	385,961	61,433	1,962,455
	1997	1,493,200	432,236	64,075	1,989,511
	1998	1,539,374	465,184	63,584	2,068,142
	1999	1,617,729	471,734	61,716	2,151,179
	2000	1,589,607	531,638	57,374	2,178,619
	2001	1,632,676	534,199	50,750	2,217,625
	2002	1,540,403	578,567	50,938	2,169,908
	2003	1,551,536	564,340	48,841	2,164,717
	2004	1,707,118	581,871	88,924	2,377,913
	2005	1,789,389	589,056	138,321	2,516,766
	2006	1,753,989	567,321	164,048	2,485,358
2007	1,762,011	594,986	168,658	2,525,655	
2008	1,788,697	551,608	126,695	2,467,000	
2009	1,635,106	470,364	120,611	2,226,081	
2010	1,695,341	479,965	140,621	2,315,927	
2011	1,750,174	478,074	94,673	2,322,921	
2012	1,817,338	465,811	66,872	2,350,021	
2013	1,806,795	473,931	65,958	2,346,684	
2014	1,842,656	497,086	74,682	2,414,424	
2015	2,039,386	472,267	65,581	2,577,234	
2016	2,013,094	468,938	64,622	2,546,654	
Forecast	2017	2,064,291	465,668	64,622	2,594,581
	2018	2,092,418	462,457	64,622	2,619,496
	2019	2,118,760	459,302	64,622	2,642,684
	2020	2,144,569	456,204	64,622	2,665,395
	2021	2,176,163	453,160	64,622	2,693,946
	2022	2,208,440	450,171	64,622	2,723,233
	2023	2,242,440	447,235	64,622	2,754,297
	2024	2,276,291	445,071	64,622	2,785,983
	2025	2,310,485	443,473	64,622	2,818,579
	2026	2,351,308	442,292	64,622	2,858,221

IFR Aircraft Handled By User Category					
	2027	2,392,829	441,418	64,622	2,898,869
	2028	2,434,216	440,772	64,622	2,939,609
	2029	2,476,438	440,293	64,622	2,981,353
	2030	2,518,805	439,938	64,622	3,023,365
	2031	2,561,962	439,676	64,622	3,066,260
	2032	2,605,991	439,546	64,622	3,110,159
	2033	2,650,287	439,482	64,622	3,154,391
	2034	2,694,979	439,450	64,622	3,199,052
	2035	2,740,425	439,435	64,622	3,244,481
	2036	2,786,211	439,427	64,622	3,290,260
	2037	2,831,436	439,423	64,622	3,335,481
	2038	2,877,277	439,421	64,622	3,381,320
	2039	2,923,554	439,420	64,622	3,427,597
	2040	2,969,838	439,420	64,622	3,473,879
Average Annual Growth (2016-40)		1.6%	-0.3%	0.0%	1.3%

IFR Aircraft Handled By User Category
ZME - Memphis, Tennessee ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	963,969	516,148	358,986	1,839,103
	1991	956,642	481,301	356,866	1,794,809
	1992	1,004,028	489,252	373,059	1,866,339
	1993	993,703	492,971	433,351	1,920,025
	1994	1,119,915	507,838	339,349	1,967,102
	1995	1,184,655	521,390	314,124	2,020,169
	1996	1,180,235	526,617	272,687	1,979,539
	1997	1,192,879	554,061	274,849	2,021,789
	1998	1,223,967	585,101	323,602	2,132,670
	1999	1,308,400	577,768	284,414	2,170,582
	2000	1,393,839	551,402	284,956	2,230,197
	2001	1,412,631	488,100	299,342	2,200,073
	2002	1,365,056	509,164	305,459	2,179,679
	2003	1,385,296	499,105	322,311	2,206,712
	2004	1,456,588	521,206	313,741	2,291,535
	2005	1,520,481	508,166	289,062	2,317,709
	2006	1,470,739	496,544	311,684	2,278,967
	2007	1,500,264	492,796	306,643	2,299,703
	2008	1,482,673	462,476	305,162	2,250,311
	2009	1,365,913	403,610	295,751	2,065,274
	2010	1,390,174	418,193	269,492	2,077,859
	2011	1,460,015	421,445	177,621	2,059,081
	2012	1,459,507	422,541	144,361	2,026,409
	2013	1,421,968	420,927	130,644	1,973,539
	2014	1,403,063	451,082	135,347	1,989,492
	2015	1,433,494	460,619	138,462	2,032,575
	2016	1,477,323	475,565	147,006	2,099,894
Forecast	2017	1,548,015	518,364	147,006	2,213,384
	2018	1,562,295	527,482	147,006	2,236,783
	2019	1,577,263	533,521	147,006	2,257,789
	2020	1,593,593	539,268	147,006	2,279,867
	2021	1,611,113	545,248	147,006	2,303,367
	2022	1,631,230	552,068	147,006	2,330,304
	2023	1,654,814	560,052	147,006	2,361,872
	2024	1,679,344	568,355	147,006	2,394,705
	2025	1,704,272	576,791	147,006	2,428,069
	2026	1,729,717	585,403	147,006	2,462,126

IFR Aircraft Handled By User Category					
	2027	1,755,234	594,039	147,006	2,496,279
	2028	1,780,871	602,715	147,006	2,530,592
	2029	1,806,616	611,429	147,006	2,565,051
	2030	1,832,346	620,136	147,006	2,599,488
	2031	1,858,102	628,853	147,006	2,633,961
	2032	1,883,893	637,582	147,006	2,668,481
	2033	1,909,761	646,336	147,006	2,703,103
	2034	1,935,792	655,146	147,006	2,737,945
	2035	1,962,043	664,031	147,006	2,773,080
	2036	1,988,308	672,920	147,006	2,808,233
	2037	2,014,545	681,800	147,006	2,843,351
	2038	2,040,791	690,682	147,006	2,878,479
	2039	2,067,123	699,594	147,006	2,913,723
	2040	2,093,542	708,535	147,006	2,949,083
Average Annual Growth (2016-40)		1.5%	1.7%	0.0%	1.4%

IFR Aircraft Handled By User Category
ZNY - New York, New York ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,406,764	345,894	221,864	1,974,522
	1991	1,366,456	310,244	245,382	1,922,082
	1992	1,397,215	311,636	238,821	1,947,672
	1993	1,470,157	303,291	243,455	2,016,903
	1994	1,542,503	311,543	181,758	2,035,804
	1995	1,543,738	315,957	226,822	2,086,517
	1996	1,574,791	323,568	247,211	2,145,570
	1997	1,586,932	338,518	266,731	2,192,181
	1998	1,806,052	355,662	334,180	2,495,894
	1999	2,171,254	406,729	211,342	2,789,325
	2000	2,313,440	404,233	192,805	2,910,478
	2001	2,308,408	368,130	210,773	2,887,311
	2002	2,135,174	364,224	250,625	2,750,023
	2003	2,199,468	364,123	234,023	2,797,614
	2004	2,419,370	384,808	163,612	2,967,790
	2005	2,610,909	386,962	128,460	3,126,331
	2006	2,434,447	386,194	129,830	2,950,471
	2007	2,490,289	400,936	164,138	3,055,363
	2008	2,445,086	385,583	179,898	3,010,567
	2009	2,244,920	308,550	177,398	2,730,868
	2010	2,231,154	327,994	171,382	2,730,530
	2011	2,368,746	337,268	88,137	2,794,151
	2012	2,433,429	322,946	45,593	2,801,968
	2013	2,356,270	305,636	42,243	2,704,149
	2014	2,382,660	314,755	51,666	2,749,081
	2015	2,234,059	339,708	37,364	2,611,131
	2016	2,264,189	382,302	38,278	2,684,769
Forecast	2017	2,268,533	380,878	38,278	2,687,689
	2018	2,302,204	382,702	38,278	2,723,183
	2019	2,327,199	383,689	38,278	2,749,167
	2020	2,350,342	384,564	38,278	2,773,185
	2021	2,372,409	385,404	38,278	2,796,090
	2022	2,399,764	386,855	38,278	2,824,897
	2023	2,439,894	389,661	38,278	2,867,833
	2024	2,484,324	392,929	38,278	2,915,531
	2025	2,529,962	396,333	38,278	2,964,572
	2026	2,577,217	399,907	38,278	3,015,402

	2027	2,624,697	403,509	38,278	3,066,484
	2028	2,672,344	407,131	38,278	3,117,752
	2029	2,720,919	410,842	38,278	3,170,039
	2030	2,769,535	414,556	38,278	3,222,369
	2031	2,817,817	418,236	38,278	3,274,331
	2032	2,866,326	421,933	38,278	3,326,536
	2033	2,915,021	425,642	38,278	3,378,941
	2034	2,964,595	429,427	38,278	3,432,300
	2035	3,015,276	433,304	38,278	3,486,858
	2036	3,066,039	437,180	38,278	3,541,497
	2037	3,116,335	441,003	38,278	3,595,616
	2038	3,167,034	444,851	38,278	3,650,163
	2039	3,218,116	448,723	38,278	3,705,117
	2040	3,269,368	452,597	38,278	3,760,244
Average Annual Growth (2016-40)		1.5%	0.7%	0.0%	1.4%

IFR Aircraft Handled By User Category
ZSU - San Juan, Puerto Rico CERAP

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990				
	1991				
	1992				
	1993				
	1994				
	1995				
	1996				
	1997				
	1998				
	1999				
	2000				
	2001				
	2002				
	2003				
	2004				
	2005				
	2006				
2007					
	2008	52,878	5,969	396	59,243
	2009	208,014	25,995	1,331	235,340
	2010	231,065	30,767	3,184	265,016
	2011	223,509	32,305	2,356	258,170
	2012	237,076	28,399	1,683	267,158
	2013	240,557	28,515	2,060	271,132
	2014	258,106	33,438	1,579	293,123
	2015	278,709	30,201	889	309,799
	2016	292,153	27,499	879	320,531
Forecast	2017	289,317	27,979	879	318,175
	2018	288,701	28,139	879	317,719
	2019	288,451	28,226	879	317,557
	2020	288,224	28,288	879	317,391
	2021	288,464	28,343	879	317,686
	2022	289,604	28,434	879	318,917
	2023	290,876	28,611	879	320,366
	2024	292,301	28,817	879	321,997
	2025	293,920	29,039	879	323,838
	2026	296,426	29,293	879	326,598

	2027	298,978	29,556	879	329,413
	2028	301,496	29,826	879	332,201
	2029	304,261	30,106	879	335,246
	2030	307,642	30,390	879	338,911
	2031	311,238	30,678	879	342,795
	2032	314,848	30,970	879	346,696
	2033	318,451	31,266	879	350,596
	2034	322,079	31,573	879	354,531
	2035	325,764	31,892	879	358,535
	2036	329,443	32,218	879	362,540
	2037	333,065	32,544	879	366,488
	2038	336,706	32,874	879	370,459
	2039	340,357	33,210	879	374,447
	2040	343,988	33,551	879	378,418
Average Annual Growth (2016-40)		0.7%	0.8%	0.0%	0.7%

IFR Aircraft Handled By User Category					
ZTL - Atlanta, Georgia ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,653,617	606,177	151,702	2,411,496
	1991	1,514,094	555,562	137,792	2,207,448
	1992	1,506,403	556,295	154,302	2,217,000
	1993	1,538,987	557,997	160,829	2,257,813
	1994	1,652,779	583,202	158,030	2,394,011
	1995	1,699,273	591,738	174,727	2,465,738
	1996	1,699,914	604,118	150,986	2,455,018
	1997	1,711,920	627,868	153,786	2,493,574
	1998	1,769,636	680,185	205,658	2,655,479
	1999	1,807,666	711,888	283,522	2,803,076
	2000	1,937,906	721,641	292,326	2,951,873
	2001	2,051,992	654,078	227,640	2,933,710
	2002	2,000,062	679,032	237,037	2,916,131
	2003	2,007,566	664,177	242,821	2,914,564
	2004	2,143,575	695,243	271,128	3,109,946
	2005	2,248,477	695,583	301,726	3,245,786
	2006	2,094,972	670,191	358,767	3,123,930
	2007	2,358,416	666,444	155,089	3,179,949
	2008	2,349,711	599,235	153,390	3,102,336
	2009	2,189,799	477,534	138,246	2,805,579
	2010	2,155,924	482,201	147,291	2,785,416
	2011	2,208,724	481,863	107,918	2,798,505
	2012	2,224,553	480,911	89,210	2,794,674
	2013	2,204,786	470,879	82,197	2,757,862
	2014	2,150,562	467,537	90,995	2,709,094
	2015	2,283,541	547,909	91,739	2,923,189
	2016	2,353,891	594,331	98,962	3,047,184
Forecast	2017	2,407,184	626,913	98,962	3,133,060
	2018	2,438,340	646,359	98,962	3,183,661
	2019	2,461,909	657,078	98,962	3,217,949
	2020	2,484,250	661,718	98,962	3,244,930
	2021	2,507,104	661,794	98,962	3,267,860
	2022	2,535,364	659,284	98,962	3,293,610
	2023	2,573,889	656,047	98,962	3,328,898
	2024	2,616,390	651,502	98,962	3,366,854
	2025	2,661,560	645,866	98,962	3,406,388
	2026	2,710,971	639,847	98,962	3,449,780

	2027	2,762,495	633,319	98,962	3,494,775
	2028	2,815,315	626,336	98,962	3,540,613
	2029	2,870,324	619,253	98,962	3,588,539
	2030	2,926,282	611,956	98,962	3,637,200
	2031	2,983,124	604,530	98,962	3,686,617
	2032	3,040,967	597,077	98,962	3,737,006
	2033	3,099,668	589,631	98,962	3,788,262
	2034	3,160,302	582,468	98,962	3,841,732
	2035	3,223,537	575,785	98,962	3,898,284
	2036	3,288,138	569,377	98,962	3,956,477
	2037	3,352,838	563,001	98,962	4,014,801
	2038	3,418,823	556,908	98,962	4,074,693
	2039	3,486,069	551,110	98,962	4,136,141
	2040	3,554,103	545,522	98,962	4,198,587
Average Annual Growth (2016-40)		1.7%	-0.4%	0.0%	1.3%

IFR Aircraft Handled By User Category					
Western Region Service Area (WEOSA)					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	5,393,625	1,219,031	1,587,987	8,200,643
	1991	5,406,585	1,129,145	1,457,846	7,993,576
	1992	5,500,217	1,091,493	1,489,934	8,081,644
	1993	5,624,061	1,119,397	1,367,208	8,110,666
	1994	5,694,495	1,112,854	1,315,868	8,123,217
	1995	6,049,466	1,146,223	1,284,691	8,480,380
	1996	6,313,926	1,154,654	1,122,231	8,590,811
	1997	6,541,555	1,195,271	1,075,095	8,811,921
	1998	6,643,778	1,316,345	1,019,108	8,979,231
	1999	6,685,143	1,326,370	901,078	8,912,591
	2000	6,913,535	1,315,673	971,145	9,200,353
	2001	6,955,104	1,276,848	988,934	9,220,886
	2002	6,583,926	1,261,008	925,086	8,770,020
	2003	6,638,343	1,223,211	856,436	8,717,990
	2004	7,049,902	1,284,249	874,510	9,208,661
	2005	7,322,179	1,329,511	821,064	9,472,754
	2006	7,380,901	1,306,029	820,809	9,507,739
	2007	7,539,884	1,340,258	742,493	9,622,635
	2008	7,470,901	1,270,676	745,728	9,487,305
	2009	6,525,003	1,046,658	739,722	8,311,383
	2010	6,611,139	1,086,591	681,914	8,379,644
	2011	7,074,434	1,088,463	580,734	8,743,631
	2012	7,047,853	1,063,014	558,218	8,669,085
	2013	6,925,620	1,086,155	483,324	8,495,099
	2014	7,350,373	1,117,938	511,383	8,979,694
	2015	7,476,216	1,158,903	494,484	9,129,603
	2016	7,871,294	1,184,624	487,056	9,542,974
Forecast	2017	8,222,002	1,208,734	487,056	9,917,792
	2018	8,369,734	1,214,536	487,056	10,071,326
	2019	8,497,122	1,218,086	487,056	10,202,264
	2020	8,616,424	1,220,874	487,056	10,324,354
	2021	8,732,486	1,223,461	487,056	10,443,003
	2022	8,853,087	1,226,422	487,056	10,566,564
	2023	8,982,608	1,229,780	487,056	10,699,444
	2024	9,113,122	1,233,266	487,056	10,833,444
	2025	9,245,745	1,237,190	487,056	10,969,991
	2026	9,384,986	1,242,557	487,056	11,114,600

	2027	9,524,717	1,248,405	487,056	11,260,178
	2028	9,665,378	1,254,570	487,056	11,407,004
	2029	9,809,317	1,261,197	487,056	11,557,570
	2030	9,953,988	1,268,014	487,056	11,709,058
	2031	10,098,869	1,274,952	487,056	11,860,877
	2032	10,244,700	1,282,052	487,056	12,013,808
	2033	10,391,799	1,289,309	487,056	12,168,164
	2034	10,542,883	1,296,966	487,056	12,326,905
	2035	10,698,920	1,305,110	487,056	12,491,086
	2036	10,856,103	1,313,379	487,056	12,656,538
	2037	11,012,397	1,321,583	487,056	12,821,036
	2038	11,169,490	1,329,871	487,056	12,986,418
	2039	11,327,992	1,338,285	487,056	13,153,333
	2040	11,488,123	1,346,875	487,056	13,322,054
Average Annual Growth (2016-40)		1.6%	0.5%	0.0%	1.4%

IFR Aircraft Handled By User Category					
HCF - Honolulu, Hawaii Control Facility					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990				
	1991				
	1992				
	1993				
	1994				
	1995				
	1996				
	1997				
	1998				
	1999				
	2000				
	2001				
	2002				
	2003				
	2004				
	2005				
	2006				
	2007				
	2008				
	2009				
	2010				
	2011	352,242	17,509	30,648	400,399
	2012	366,637	16,267	34,650	417,554
	2013	388,699	17,235	27,948	433,882
	2014	412,392	17,689	38,219	468,300
	2015	430,725	19,542	38,148	488,415
	2016	430,415	21,026	37,591	489,032
Forecast	2017	443,192	21,393	37,591	502,176
	2018	450,869	21,515	37,591	509,975
	2019	457,602	21,582	37,591	516,775
	2020	464,094	21,629	37,591	523,314
	2021	470,559	21,671	37,591	529,821
	2022	477,817	21,741	37,591	537,149
	2023	486,569	21,877	37,591	546,036
	2024	495,822	22,034	37,591	555,447
	2025	505,126	22,204	37,591	564,921
	2026	514,319	22,397	37,591	574,308

IFR Aircraft Handled By User Category					
	2027	523,647	22,599	37,591	583,836
	2028	533,082	22,805	37,591	593,478
	2029	542,735	23,019	37,591	603,346
	2030	552,426	23,237	37,591	613,254
	2031	561,951	23,457	37,591	622,999
	2032	571,565	23,680	37,591	632,836
	2033	581,277	23,906	37,591	642,774
	2034	591,202	24,141	37,591	652,934
	2035	601,332	24,385	37,591	663,308
	2036	611,534	24,634	37,591	673,759
	2037	621,727	24,883	37,591	684,201
	2038	632,035	25,136	37,591	694,762
	2039	642,458	25,393	37,591	705,442
	2040	652,980	25,653	37,591	716,224
Average Annual Growth (2016-40)		1.8%	0.8%	0.0%	1.6%

IFR Aircraft Handled By User Category
ZAN - Anchorage, Alaska ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	337,009	71,385	52,083	460,477
	1991	370,711	69,167	49,123	489,001
	1992	383,558	60,399	65,378	509,335
	1993	359,333	55,307	104,947	519,587
	1994	379,556	61,220	93,027	533,803
	1995	402,973	63,322	87,034	553,329
	1996	379,673	63,752	93,424	536,849
	1997	421,633	69,609	98,130	589,372
	1998	472,274	76,396	97,779	646,449
	1999	447,812	80,934	66,086	594,832
	2000	433,654	78,419	48,314	560,387
	2001	449,811	84,503	62,499	596,813
	2002	464,723	69,700	54,120	588,543
	2003	461,665	58,691	54,131	574,487
	2004	487,067	62,993	56,571	606,631
	2005	518,521	60,077	50,179	628,777
	2006	479,887	39,741	62,974	582,602
2007	486,306	44,892	49,459	580,657	
2008	489,405	35,709	45,503	570,617	
2009	430,763	28,893	47,769	507,425	
2010	452,443	35,180	51,312	538,935	
2011	401,438	34,479	107,678	543,595	
2012	391,098	37,460	113,719	542,277	
2013	384,938	36,965	104,050	525,953	
2014	406,311	38,819	106,152	551,282	
2015	448,052	39,020	92,279	579,351	
2016	455,525	38,250	88,719	582,494	
Forecast	2017	457,408	37,689	88,719	583,817
	2018	462,718	37,281	88,719	588,718
	2019	467,695	36,984	88,719	593,398
	2020	472,657	36,767	88,719	598,144
	2021	477,398	36,610	88,719	602,726
	2022	481,931	36,495	88,719	607,145
	2023	486,397	36,412	88,719	611,528
	2024	491,448	36,351	88,719	616,518
	2025	496,779	36,306	88,719	621,804
	2026	502,295	36,274	88,719	627,288

	2027	507,817	36,251	88,719	632,787
	2028	513,424	36,234	88,719	638,376
	2029	519,182	36,221	88,719	644,123
	2030	524,952	36,212	88,719	649,883
	2031	530,756	36,206	88,719	655,681
	2032	536,527	36,201	88,719	661,447
	2033	542,392	36,197	88,719	667,308
	2034	548,399	36,195	88,719	673,313
	2035	554,583	36,193	88,719	679,495
	2036	560,807	36,191	88,719	685,718
	2037	566,995	36,191	88,719	691,905
	2038	573,233	36,190	88,719	698,142
	2039	579,565	36,189	88,719	704,473
	2040	585,879	36,189	88,719	710,787
Average Annual Growth (2016-40)		1.1%	-0.2%	0.0%	0.8%

IFR Aircraft Handled By User Category					
ZDV - Denver, Colorado ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	919,314	215,737	322,661	1,457,712
	1991	966,567	199,277	266,921	1,432,765
	1992	998,373	194,777	200,805	1,393,955
	1993	1,004,462	212,826	232,984	1,450,272
	1994	958,981	217,740	273,487	1,450,208
	1995	964,930	227,497	233,339	1,425,766
	1996	1,113,992	247,912	137,311	1,499,215
	1997	1,201,441	263,555	124,507	1,589,503
	1998	1,223,283	284,079	128,439	1,635,801
	1999	1,247,206	284,917	119,319	1,651,442
	2000	1,327,893	272,057	112,840	1,712,790
	2001	1,356,335	258,870	103,316	1,718,521
	2002	1,304,163	261,098	106,955	1,672,216
	2003	1,330,659	255,317	94,327	1,680,303
	2004	1,438,630	269,711	105,769	1,814,110
	2005	1,453,869	277,539	103,385	1,834,793
	2006	1,472,010	280,362	108,111	1,860,483
	2007	1,496,986	287,737	98,559	1,883,282
	2008	1,498,894	272,306	87,759	1,858,959
	2009	1,360,118	221,778	88,867	1,670,763
	2010	1,384,859	234,321	77,796	1,696,976
	2011	1,426,666	239,464	75,263	1,741,393
	2012	1,404,588	240,313	62,723	1,707,624
	2013	1,366,454	241,957	34,602	1,643,013
	2014	1,405,519	250,304	37,276	1,693,099
	2015	1,402,261	256,062	37,712	1,696,035
	2016	1,468,379	258,198	38,407	1,764,984
Forecast	2017	1,527,014	259,961	38,407	1,825,382
	2018	1,548,703	261,415	38,407	1,848,525
	2019	1,563,251	262,615	38,407	1,864,273
	2020	1,574,230	263,606	38,407	1,876,243
	2021	1,583,543	264,423	38,407	1,886,373
	2022	1,594,852	265,097	38,407	1,898,357
	2023	1,611,361	265,654	38,407	1,915,422
	2024	1,628,126	266,113	38,407	1,932,647
	2025	1,644,341	266,492	38,407	1,949,240
	2026	1,660,818	266,805	38,407	1,966,030

	2027	1,676,727	267,063	38,407	1,982,197
	2028	1,692,445	267,276	38,407	1,998,128
	2029	1,708,226	267,452	38,407	2,014,084
	2030	1,723,772	267,597	38,407	2,029,776
	2031	1,739,202	267,716	38,407	2,045,326
	2032	1,754,561	267,815	38,407	2,060,783
	2033	1,769,948	267,896	38,407	2,076,252
	2034	1,785,705	267,964	38,407	2,092,076
	2035	1,801,998	268,019	38,407	2,108,424
	2036	1,818,370	268,065	38,407	2,124,842
	2037	1,834,537	268,103	38,407	2,141,046
	2038	1,850,632	268,134	38,407	2,157,173
	2039	1,866,810	268,160	38,407	2,173,376
	2040	1,883,037	268,181	38,407	2,189,625
Average Annual Growth (2016-40)		1.0%	0.2%	0.0%	0.9%

IFR Aircraft Handled By User Category					
ZLA - Los Angeles, California ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,330,704	267,134	280,198	1,878,036
	1991	1,306,317	234,741	283,352	1,824,410
	1992	1,281,441	231,569	266,296	1,779,306
	1993	1,345,503	224,763	224,468	1,794,734
	1994	1,389,635	223,518	217,941	1,831,094
	1995	1,513,259	234,570	203,034	1,950,863
	1996	1,551,069	228,973	200,523	1,980,565
	1997	1,576,487	247,238	192,600	2,016,325
	1998	1,558,261	273,044	181,614	2,012,919
	1999	1,611,725	297,473	170,216	2,079,414
	2000	1,658,268	293,440	203,704	2,155,412
	2001	1,635,176	282,549	228,079	2,145,804
	2002	1,569,204	296,212	139,109	2,004,525
	2003	1,571,205	302,848	140,109	2,014,162
	2004	1,654,806	327,950	163,787	2,146,543
	2005	1,777,576	355,149	141,934	2,274,659
	2006	1,833,249	353,052	117,045	2,303,346
2007	1,875,245	360,269	117,647	2,353,161	
2008	1,871,124	333,650	109,895	2,314,669	
2009	1,591,370	269,530	104,718	1,965,618	
2010	1,559,910	278,339	115,719	1,953,968	
2011	1,609,295	281,633	90,652	1,981,580	
2012	1,639,735	273,577	78,056	1,991,368	
2013	1,586,119	277,550	72,507	1,936,176	
2014	1,733,548	291,879	76,738	2,102,165	
2015	1,743,738	299,728	75,460	2,118,926	
2016	1,847,883	309,566	72,204	2,229,653	
Forecast	2017	1,959,008	321,515	72,204	2,352,727
	2018	1,994,686	322,378	72,204	2,389,268
	2019	2,024,619	323,193	72,204	2,420,016
	2020	2,050,849	324,126	72,204	2,447,179
	2021	2,074,476	325,217	72,204	2,471,898
	2022	2,098,210	326,787	72,204	2,497,201
	2023	2,121,915	328,720	72,204	2,522,839
	2024	2,145,405	330,912	72,204	2,548,521
	2025	2,169,700	333,464	72,204	2,575,368
	2026	2,196,348	336,571	72,204	2,605,122

	2027	2,223,385	339,878	72,204	2,635,467
	2028	2,250,984	343,384	72,204	2,666,572
	2029	2,279,678	347,148	72,204	2,699,031
	2030	2,308,655	351,022	72,204	2,731,880
	2031	2,337,840	354,980	72,204	2,765,024
	2032	2,367,476	359,048	72,204	2,798,728
	2033	2,397,441	363,199	72,204	2,832,844
	2034	2,428,551	367,554	72,204	2,868,308
	2035	2,460,956	372,127	72,204	2,905,287
	2036	2,493,845	376,785	72,204	2,942,834
	2037	2,526,421	381,398	72,204	2,980,023
	2038	2,559,194	386,048	72,204	3,017,446
	2039	2,592,107	390,722	72,204	3,055,033
	2040	2,625,377	395,455	72,204	3,093,037
Average Annual Growth (2016-40)		1.5%	1.0%	0.0%	1.4%

IFR Aircraft Handled By User Category
ZLC - Salt Lake City, Utah ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	787,822	160,774	359,516	1,308,112
	1991	780,232	155,042	306,642	1,241,916
	1992	808,288	153,962	416,391	1,378,641
	1993	839,846	160,565	354,240	1,354,651
	1994	861,852	153,088	334,456	1,349,396
	1995	892,064	160,809	377,154	1,430,027
	1996	958,815	162,410	363,479	1,484,704
	1997	975,795	173,786	358,560	1,508,141
	1998	1,050,693	195,654	307,822	1,554,169
	1999	996,786	188,819	246,718	1,432,323
	2000	1,047,610	191,383	298,159	1,537,152
	2001	1,087,604	187,647	267,416	1,542,667
	2002	1,069,046	174,331	264,925	1,508,302
	2003	1,072,253	172,648	234,638	1,479,539
	2004	1,117,496	180,770	213,515	1,511,781
	2005	1,154,846	187,415	197,477	1,539,738
	2006	1,114,750	193,341	212,840	1,520,931
2007	1,190,696	203,059	130,821	1,524,576	
2008	1,168,211	192,188	122,228	1,482,627	
2009	1,031,904	158,529	148,674	1,339,107	
2010	1,086,054	171,461	46,709	1,304,224	
2011	1,090,221	172,521	36,766	1,299,508	
2012	1,051,659	174,288	33,427	1,259,374	
2013	1,058,122	180,367	31,345	1,269,834	
2014	1,115,561	186,798	31,334	1,333,693	
2015	1,115,763	188,439	32,885	1,337,087	
2016	1,171,502	190,677	32,262	1,394,441	
Forecast	2017	1,205,112	196,141	32,262	1,433,514
	2018	1,231,013	200,355	32,262	1,463,631
	2019	1,252,579	203,862	32,262	1,488,703
	2020	1,272,813	207,152	32,262	1,512,228
	2021	1,292,713	210,387	32,262	1,535,362
	2022	1,312,961	213,678	32,262	1,558,901
	2023	1,333,959	217,092	32,262	1,583,312
	2024	1,354,949	220,504	32,262	1,607,715
	2025	1,376,068	223,937	32,262	1,632,268
	2026	1,397,887	227,485	32,262	1,657,634

	2027	1,419,672	231,027	32,262	1,682,961
	2028	1,441,492	234,574	32,262	1,708,329
	2029	1,463,546	238,160	32,262	1,733,967
	2030	1,485,721	241,765	32,262	1,759,748
	2031	1,507,932	245,377	32,262	1,785,571
	2032	1,530,203	248,998	32,262	1,811,463
	2033	1,552,602	252,639	32,262	1,837,503
	2034	1,575,298	256,330	32,262	1,863,890
	2035	1,598,511	260,104	32,262	1,890,878
	2036	1,621,780	263,888	32,262	1,917,930
	2037	1,644,958	267,657	32,262	1,944,877
	2038	1,668,211	271,438	32,262	1,971,911
	2039	1,691,567	275,236	32,262	1,999,065
	2040	1,715,080	279,059	32,262	2,026,402
Average Annual Growth (2016-40)		1.6%	1.6%	0.0%	1.6%

IFR Aircraft Handled By User Category
ZOA - Oakland, California ARTCC

	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	1,083,489	227,375	382,310	1,693,174
	1991	1,083,294	208,075	381,730	1,673,099
	1992	1,063,423	203,122	361,432	1,627,977
	1993	1,087,110	200,861	226,910	1,514,881
	1994	1,109,173	196,768	198,419	1,504,360
	1995	1,170,990	200,036	195,094	1,566,120
	1996	1,194,185	193,718	180,712	1,568,615
	1997	1,226,926	194,758	154,184	1,575,868
	1998	1,220,465	228,763	165,866	1,615,094
	1999	1,218,810	231,149	167,891	1,617,850
	2000	1,252,272	245,480	177,049	1,674,801
	2001	1,262,737	234,486	180,568	1,677,791
	2002	1,162,718	239,850	196,281	1,598,849
	2003	1,187,737	224,493	174,968	1,587,198
	2004	1,254,452	230,850	198,666	1,683,968
	2005	1,266,461	236,814	186,071	1,689,346
	2006	1,311,733	230,213	164,591	1,706,537
	2007	1,300,190	233,474	172,250	1,705,914
	2008	1,261,962	228,368	221,197	1,711,527
	2009	1,075,486	193,845	189,988	1,459,319
2010	1,073,721	191,478	205,553	1,470,752	
2011	1,161,917	178,814	124,707	1,465,438	
2012	1,198,066	169,900	95,131	1,463,097	
2013	1,161,097	176,699	84,988	1,422,784	
2014	1,253,391	178,455	87,771	1,519,617	
2015	1,275,271	194,428	88,261	1,557,960	
2016	1,357,697	201,370	81,814	1,640,881	
Forecast	2017	1,435,407	203,433	81,814	1,720,654
	2018	1,454,917	203,044	81,814	1,739,776
	2019	1,474,266	201,596	81,814	1,757,676
	2020	1,495,023	199,730	81,814	1,776,567
	2021	1,517,745	197,734	81,814	1,797,293
	2022	1,542,508	195,733	81,814	1,820,055
	2023	1,569,601	193,778	81,814	1,845,193
	2024	1,597,373	191,865	81,814	1,871,052
	2025	1,625,942	189,988	81,814	1,897,744
	2026	1,656,334	188,736	81,814	1,926,885

	2027	1,687,089	187,792	81,814	1,956,695
	2028	1,718,195	187,009	81,814	1,987,018
	2029	1,750,065	186,324	81,814	2,018,203
	2030	1,782,192	185,702	81,814	2,049,708
	2031	1,814,380	185,122	81,814	2,081,316
	2032	1,846,756	184,574	81,814	2,113,144
	2033	1,879,344	184,055	81,814	2,145,213
	2034	1,912,752	183,565	81,814	2,178,131
	2035	1,947,167	183,109	81,814	2,212,090
	2036	1,981,801	182,675	81,814	2,246,290
	2037	2,016,191	182,255	81,814	2,280,260
	2038	2,050,719	181,847	81,814	2,314,380
	2039	2,085,482	181,451	81,814	2,348,746
	2040	2,120,516	181,065	81,814	2,383,395
Average Annual Growth (2016-40)		1.9%	-0.4%	0.0%	1.6%

IFR Aircraft Handled By User Category					
ZSE - Seattle, Washington ARTCC					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	890,999	275,612	177,548	1,344,159
	1991	848,531	261,441	161,040	1,271,012
	1992	880,163	245,877	169,281	1,295,321
	1993	899,998	263,246	212,398	1,375,642
	1994	899,862	259,262	188,827	1,347,951
	1995	989,326	259,098	178,679	1,427,103
	1996	996,297	256,901	138,663	1,391,861
	1997	1,010,942	245,243	141,130	1,397,315
	1998	1,011,450	257,354	133,171	1,401,975
	1999	1,067,780	241,073	125,368	1,434,221
	2000	1,094,041	231,529	124,182	1,449,752
	2001	1,052,999	223,808	134,171	1,410,978
	2002	911,385	217,698	149,186	1,278,269
	2003	913,165	207,064	147,708	1,267,937
	2004	968,744	208,481	124,896	1,302,121
	2005	983,192	208,073	118,061	1,309,326
	2006	975,574	204,390	117,211	1,297,175
	2007	994,117	207,567	118,351	1,320,035
	2008	991,666	205,172	113,579	1,310,417
	2009	869,537	170,534	115,698	1,155,769
	2010	871,314	171,665	126,094	1,169,073
	2011	853,268	161,314	72,621	1,087,203
	2012	809,864	148,296	67,407	1,025,567
	2013	793,157	150,341	72,348	1,015,846
	2014	843,146	147,720	72,386	1,063,252
	2015	878,140	154,390	69,594	1,102,124
	2016	941,698	157,255	74,674	1,173,627
Forecast	2017	992,701	160,197	74,674	1,227,572
	2018	1,020,625	160,014	74,674	1,255,313
	2019	1,046,785	159,593	74,674	1,281,052
	2020	1,072,226	159,074	74,674	1,305,974
	2021	1,097,229	158,496	74,674	1,330,399
	2022	1,121,608	157,833	74,674	1,354,115
	2023	1,145,144	157,057	74,674	1,376,874
	2024	1,167,781	156,158	74,674	1,398,614
	2025	1,190,928	155,329	74,674	1,420,931
	2026	1,215,387	154,677	74,674	1,444,738

	2027	1,239,950	154,040	74,674	1,468,664
	2028	1,264,396	153,386	74,674	1,492,456
	2029	1,289,498	152,822	74,674	1,516,994
	2030	1,314,756	152,278	74,674	1,541,708
	2031	1,340,062	151,741	74,674	1,566,477
	2032	1,365,533	151,227	74,674	1,591,433
	2033	1,391,275	150,749	74,674	1,616,697
	2034	1,417,904	150,391	74,674	1,642,969
	2035	1,445,640	150,183	74,674	1,670,497
	2036	1,473,459	149,986	74,674	1,698,119
	2037	1,501,170	149,774	74,674	1,725,619
	2038	1,529,061	149,587	74,674	1,753,322
	2039	1,557,470	149,470	74,674	1,781,614
	2040	1,586,468	149,433	74,674	1,810,576
Average Annual Growth (2016-40)		2.2%	-0.2%	0.0%	1.8%

IFR Aircraft Handled By User Category					
ZUA - Guam CERAP					
	Fiscal Year	Commercial	General Aviation	Military	Total
Actual	1990	33,590	845	10,471	44,906
	1991	50,933	1,402	9,038	61,373
	1992	84,971	1,787	10,351	97,109
	1993	87,809	1,829	11,261	100,899
	1994	95,436	1,258	9,711	106,405
	1995	115,924	891	10,357	127,172
	1996	119,895	988	8,119	129,002
	1997	128,331	1,082	5,984	135,397
	1998	107,352	1,055	4,417	112,824
	1999	95,024	2,005	5,480	102,509
	2000	99,797	3,365	6,897	110,059
	2001	110,442	4,985	12,885	128,312
	2002	102,687	2,119	14,510	119,316
	2003	101,659	2,150	10,555	114,364
	2004	128,707	3,494	11,306	143,507
	2005	167,714	4,444	23,957	196,115
	2006	193,698	4,930	38,037	236,665
2007	196,344	3,260	55,406	255,010	
2008	189,639	3,283	45,567	238,489	
2009	165,865	3,551	44,017	213,433	
2010	182,838	4,147	58,731	245,716	
2011	179,387	2,729	42,399	224,515	
2012	186,206	2,913	73,105	262,224	
2013	187,034	5,041	55,536	247,611	
2014	180,505	6,274	61,507	248,286	
2015	182,266	7,294	60,145	249,705	
2016	198,195	8,282	61,385	267,862	
Forecast	2017	202,159	8,406	61,385	271,950
	2018	206,202	8,532	61,385	276,119
	2019	210,326	8,660	61,385	280,371
	2020	214,533	8,790	61,385	284,708
	2021	218,823	8,922	61,385	289,130
	2022	223,200	9,056	61,385	293,641
	2023	227,664	9,192	61,385	298,240
	2024	232,217	9,330	61,385	302,932
	2025	236,861	9,470	61,385	307,716
	2026	241,599	9,612	61,385	312,595

	2027	246,431	9,756	61,385	317,571
	2028	251,359	9,902	61,385	322,646
	2029	256,386	10,051	61,385	327,822
	2030	261,514	10,201	61,385	333,100
	2031	266,744	10,354	61,385	338,484
	2032	272,079	10,510	61,385	343,974
	2033	277,521	10,667	61,385	349,573
	2034	283,071	10,827	61,385	355,284
	2035	288,733	10,990	61,385	361,107
	2036	294,507	11,155	61,385	367,047
	2037	300,397	11,322	61,385	373,104
	2038	306,405	11,492	61,385	379,282
	2039	312,534	11,664	61,385	385,583
	2040	318,784	11,839	61,385	392,008
Average Annual Growth (2016-40)		2.0%	1.5%	0.0%	1.6%