

BROWARD-by-the-NUMBERS

Planning and Redevelopment Division

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Broward's In/Out-Migration according to the IRS

The Internal Revenue Service and the Census Bureau collaborate on reporting the movement of income tax filers (and their exemptions) from one year to the next in county-to-county migration flow tables.

The Census Bureau uses Income Tax Return Data to Estimate Domestic Migration. While the “baby-boom” laid the foundation for the Nation’s population change; migration is the most important instrument for local population change. Migration is also more difficult to estimate, and more difficult to forecast. For that reason the teaming-up of the Bureau of the Census (needing additional information on the movement of people) and the Internal Revenue Service (gathering comprehensive information containing locational data) is a natural. The IRS replaces names and social security numbers on the income tax returns with a special identification number before delivering the data to the Bureau of the Census. Using the ZIP code of the primary income tax filer, the Census Bureau assigns each return to its state and county. Matching ID numbers from succeeding years and their location identifies in- and out-migrants. Summary migration data is displayed by the IRS in County-to-County Migration flow tables, the data source for all included tables and graphics included herein.

Caveats.

Though income tax returns cover a major portion of the population, the coverage is not complete. (See Appendix Table 3.) There are instances of households and population not being tabulated for the migration flows data. First, the household may not be required to file a return. This causes the data generally to undercount the elderly and the poor. Next, since the flow data requires a match between two years’ returns, unmatched returns and their exemptions are not included. Marriage, divorce, and foreign in-migration each contribute to unmatched returns. There is also an instance of over-reporting. When the mailing address on the tax return and the actual home address are in different counties (“snowbirds” filing from Broward are prime examples); the county of the mailing address is over-counted.

In-Migrant Exemptions by State.

571,444 primary filers and their exemptions moved to Broward County from other U.S. locations between migration years (the years in which the return is filed) 2001 and 2007. Probably the most common migration image is that of families moving from the Northeast or Midwest to Broward. Figure 1 shows domestic in-

migrants are more likely to move into Broward from other Florida counties than from elsewhere in the U.S.

Figure 1.

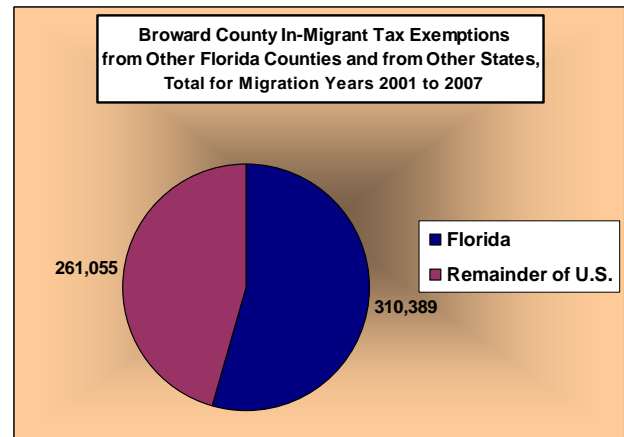


Table 1 displays the magnitude of difference between other Florida counties as a source of new Broward households versus other individual states. Florida as a source is more than five-times greater than the second largest source state. The table shows that Northeast state residents move to Broward in significant numbers; but, they are not dominant. After Michigan (#15 on the list), the number of in-migrants by state declines rapidly.

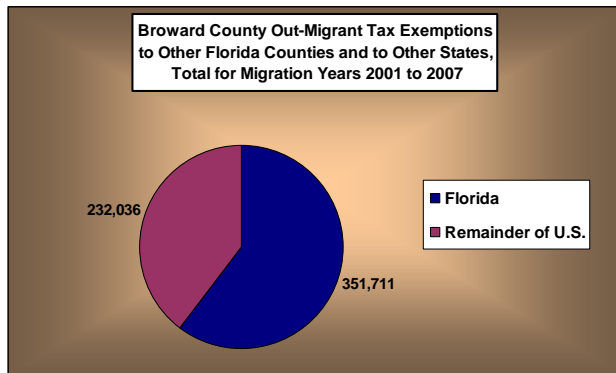
Table 1.

Rank	Top 15 States, In-Migrating Exemptions to Broward, 2001-2007		Top 15 States, Out-Migrating Exemptions from Broward, 2001-2007	
	State	Exempt.	State	Exempt.
1	Florida	310,242	Florida	351,721
2	New York	58,452	Georgia	28,927
3	New Jersey	23,038	New York	22,427
4	California	14,070	North Carolina	15,305
5	Georgia	12,204	Texas	14,285
6	Massachusetts	12,057	California	12,282
7	Texas	10,702	New Jersey	10,669
8	Pennsylvania	10,017	Pennsylvania	7,611
9	Illinois	9,587	Virginia	7,516
10	Virginia	7,521	Massachusetts	6,838
11	Maryland	6,618	Illinois	6,071
12	Connecticut	6,572	Tennessee	6,019
13	Ohio	6,452	South Carolina	5,221
14	North Carolina	6,292	Maryland	5,129
15	Michigan	5,059	Ohio	4,548

Out-Migrant Exemptions by State.

As shown in Figure 2 and Table 1, out-migrants from Broward County largely remain in Florida. Nearly 60% of domestic out-migrants move to other Florida counties. Though the overall number of in-migrants exceeds the out-migrants; when it comes to Florida, the reverse is true. More exemptions move **from** Broward to other Florida counties, than **to** Broward from other Florida counties.

Figure 2.



Individual states that fall within the top 15 destinations for Broward County out-migrants are, with only two exceptions, identical (though in a different order after Florida and New York) to the top 15 in-migrating list. In-migrant Northern states Connecticut and Michigan are replaced by out-migrant Southern states of South Carolina and Tennessee.

In-Migrant Exemptions by County.

With Florida being the dominant source of both new migrants to Broward and the destination of former Broward residents, it should be no surprise that Table 2 displays Miami-Dade and Palm Beach Counties ranking first and second as sources.

Table 2.

Top 15 U.S. Counties, In-Migrating Tax Exemptions to Broward, 2001-2007		
Rank	County	Exemptions
1	Miami Dade County, FL	195,049
2	Palm Beach County, FL	52,122
3	Queens County, NY	13,548
4	Kings County, NY	9,880
5	Orange County, FL	9,032
6	Nassau County, NY	6,497
7	Hillsborough County, FL	5,987
8	Cook County, IL	5,846
9	Suffolk County, NY	5,419
10	Bronx County, NY	5,287
11	New York County, NY	4,693
12	Los Angeles County, CA	4,136
13	Duval County, FL	3,711
14	Pinellas County, FL	3,583
15	Westchester County, NY	3,293

Those two counties, alone, account for more than 45% of Broward's domestic in-migrants. After those two, the in-migrant numbers for the top 15 counties show a dramatic decline. Six of the top 15 were Florida counties. Seven were New York City metropolitan area counties and the other two from Chicago and Los Angeles.

Out-Migrant Exemptions by County.

A striking observation from Table 3, 14 of the top 15 destinations for Broward County out-migrants are in Florida. Gwinnett County, Georgia (Metro Atlanta) is the lone out-of-state county. Again Miami-Dade and Palm Beach Counties (in reverse order) dominate the list. Out-migrants to these two counties, however, are 48,000 less than their in-migrating counterparts. They account for 33% of the total, somewhat less than their in-migrating counterparts (45%).

Table 3.

Top 15 U.S. Counties, Out-Migrating Tax Exemptions from Broward, 2001-2007		
Rank	County	Exemptions
1	Palm Beach County, FL	100,193
2	Miami Dade County, FL	98,825
3	St Lucie County, FL	17,518
4	Orange County, FL	15,050
5	Hillsborough County, FL	10,184
6	Lee County, FL	9,045
7	Brevard County, FL	8,992
8	Marion County, FL	6,727
9	Duval County, FL	6,037
10	Polk County, FL	5,762
11	Volusia County, FL	5,043
12	Gwinnett County, GA	5,042
13	Seminole County, FL	4,922
14	Lake County, FL	4,637
15	Collier County, FL	4,369

Recent Trends to Watch.

The current economic slump impacts migration. The number of domestic out-migrants increased from 74,000 in 2001/2002 to 96,000 in 2006/2007. At the same time, domestic in-migrants dropped from 82,000 to 68,000. (See Appendix Table 3.) These changes, primarily during the last two years, resulted in U.S. Census Bureau reducing Broward County's population estimate.

In both instances, the trends reflect changes in out-of-state migration. An increased number of Broward residents were moving out-of-state, while fewer were moving into Broward. This occurred while the in-state migration numbers were relatively stable.

Since the recent net migration loss coincides with the recent economic slump and there has been no other change to Broward; a rebounding economy likely will cause domestic migration patterns to rebound. Income tax filers and their exemptions moving into Broward again will exceed, though slightly, those moving out.

Appendix Table 1

Total Migration Activity Between Broward County and States, Income Tax Exemptions 2001-2007				
State	Migration			
	In	Out	Total	Net
Florida	310,242	351,721	661,963	-41,479
New York	58,452	22,427	80,879	36,025
Georgia	12,204	28,927	41,131	-16,723
New Jersey	23,038	10,669	33,707	12,369
California	14,070	12,282	26,352	1,788
Texas	10,702	14,285	24,987	-3,583
North Carolina	6,292	15,305	21,597	-9,013
Massachusetts	12,057	6,838	18,895	5,219
Pennsylvania	10,017	7,611	17,628	2,406
Illinois	9,587	6,071	15,658	3,516
Virginia	7,521	7,516	15,037	5
Maryland	6,618	5,129	11,747	1,489
Ohio	6,452	4,548	11,000	1,904
Connecticut	6,572	4,052	10,624	2,520
Tennessee	2,742	6,019	8,761	-3,277
Michigan	5,059	3,018	8,077	2,041
South Carolina	2,550	5,221	7,771	-2,671
Arizona	2,651	3,971	6,622	-1,320
Colorado	2,985	3,508	6,493	-523
Nevada	1,877	2,909	4,786	-1,032
Washington	1,581	2,127	3,708	-546
Alabama	1,469	2,201	3,670	-732
Indiana	1,790	1,512	3,302	278
Rhode Island	2,076	1,113	3,189	963
Missouri	1,808	1,371	3,179	437
Louisiana	1,755	1,238	2,993	517
Kentucky	1,419	1,314	2,733	105
Minnesota	1,460	978	2,438	482
New Hampshire	1,148	949	2,097	199
Wisconsin	952	819	1,771	133
Delaware	972	709	1,681	263
Oklahoma	746	818	1,564	-72
District of Columbia	824	666	1,490	158
Hawaii	747	642	1,389	105
Kansas	760	619	1,379	141
Utah	730	418	1,148	312
Oregon	479	625	1,104	-146
Maine	593	432	1,025	161
Mississippi	428	483	911	-55
New Mexico	330	533	863	-203
Arkansas	262	438	700	-176
Nebraska	339	259	598	80
Iowa	277	187	464	90
Alaska	178	143	321	35
Vermont	124	117	241	7
West Virginia	57	104	161	-47
Idaho	40	68	108	-28

Appendix Table 2

50 Most Active Counties Total Migration To and From Broward County, Sum of Income Tax Exemptions 2001-2007				
County	Migration			
	In	Out	Total	Net
Miami Dade County, FL	195,049	98,825	293,874	96,224
Palm Beach County, FL	52,122	100,193	152,315	-48,071
Orange County, FL	9,032	15,050	24,082	-6,018
St Lucie County, FL	2,751	17,518	20,269	-14,767
Queens County, NY	13,548	3,477	17,025	10,071
Hillsborough County, FL	5,987	10,184	16,171	-4,197
Kings County, NY	9,880	3,292	13,172	6,588
Lee County, FL	3,078	9,045	12,123	-5,967
Brevard County, FL	2,693	8,992	11,685	-6,299
Duval County, FL	3,711	6,037	9,748	-2,326
Cook County, IL	5,846	3,257	9,103	2,589
Nassau County, NY	6,497	2,373	8,870	4,124
Los Angeles County, CA	4,136	3,752	7,888	384
Marion County, FL	1,155	6,727	7,882	-5,572
Pinellas County, FL	3,583	4,283	7,866	-700
Seminole County, FL	2,825	4,922	7,747	-2,097
Suffolk County, NY	5,419	2,220	7,639	3,199
Polk County, FL	1,640	5,762	7,402	-4,122
New York County, NY	4,693	2,707	7,400	1,986
Volusia County, FL	2,111	5,043	7,154	-2,932
Bronx County, NY	5,287	1,768	7,055	3,519
Gwinnett County, GA	1,907	5,042	6,949	-3,135
Collier County, FL	2,312	4,369	6,681	-2,057
Fulton County, GA	2,418	4,014	6,432	-1,596
Leon County, FL	2,831	3,406	6,237	-575
Alachua County, FL	2,503	3,460	5,963	-957
Harris County, TX	2,628	3,083	5,711	-455
Osceola County, FL	1,454	4,103	5,557	-2,649
Cobb County, GA	1,962	3,563	5,525	-1,601
Lake County, FL	807	4,637	5,444	-3,830
Martin County, FL	1,180	4,018	5,198	-2,838
Maricopa County, AZ	2,098	3,056	5,154	-958
Westchester County, NY	3,293	1,347	4,640	1,946
De Kalb County, GA	1,870	2,724	4,594	-854
Middlesex County, MA	2,925	1,587	4,512	1,338
Mecklenburg County, NC	1,334	3,095	4,429	-1,761
Clark County, NV	1,645	2,725	4,370	-1,080
Bergen County, NJ	3,043	1,248	4,291	1,795
Indian River County, FL	810	3,322	4,132	-2,512
Monroe County, FL	2,111	1,955	4,066	156
San Diego County, CA	2,099	1,965	4,064	134
Fairfax County, VA	2,226	1,836	4,062	390
Pasco County, FL	1,061	2,704	3,765	-1,643
Hudson County, NJ	2,827	915	3,742	1,912
Sarasota County, FL	1,104	2,558	3,662	-1,454
Fairfield County, CT	2,352	1,278	3,630	1,074
Wake County, NC	1,084	2,528	3,612	-1,444
Montgomery County, MD	2,012	1,587	3,599	425
Highlands County, FL	612	2,799	3,411	-2,187
Middlesex County, NJ	2,271	1,025	3,296	1,246

Note: Compiled from county-level data with 10 or more matched-migrating returns, which excluded the states of:
Montana, North Dakota, South Dakota, and Wyoming.

Appendix Table 3

10-Years of Matched Federal Income Tax Exemptions and Estimated Population, Broward County--1998 through 2007										
	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07
Non-Migrant Exemptions	1,045,942	1,074,648	1,106,576	1,126,662	1,173,035	1,196,800	1,210,788	1,226,309	1,215,817	1,206,657
US Domestic Out-Migrant Exemptions	64,527	66,097	67,039	82,044	72,662	77,957	81,115	82,549	91,475	95,935
Florida Counties Out	34,838	36,236	37,343	46,447	42,768	48,090	52,708	52,815	55,986	52,897
Other US Out	29,689	29,861	29,696	35,597	29,894	29,867	28,407	29,734	35,489	43,038
US Domestic In-Migrant Exemptions	75,770	75,331	79,469	95,474	81,998	81,177	84,175	85,443	75,627	67,550
Florida Counties In	39,624	40,765	43,708	49,990	43,854	44,693	45,255	46,154	41,184	39,259
Other US In	36,146	34,566	35,761	45,484	38,144	36,484	38,920	39,289	34,443	28,291
US Domestic Net Migrant Exemptions	11,243	9,234	12,430	13,430	9,336	3,220	3,060	2,894	-15,848	-28,385
Florida Counties Net	4,786	4,529	6,365	3,543	1,086	-3,397	-7,453	-6,661	-14,802	-13,638
Other US Net	6,457	4,705	6,065	9,887	8,250	6,617	10,513	9,555	-1,046	-14,747
Net Foreign Migration Exemptions	498	280	430	317	241	339	340	461	446	416
Out-Migrants	914	998	988	1,182	1,139	1,210	1,206	1,171	1,113	1,150
In-Migrants	1,412	1,278	1,418	1,499	1,380	1,549	1,546	1,632	1,559	1,566
Total--Broward County Resident Exemptions	1,122,210	1,150,259	1,186,475	1,222,453	1,255,274	1,278,316	1,295,303	1,312,213	1,291,890	1,274,623
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Broward County Population	1,542,412	1,579,359	1,623,018	1,649,925	1,669,153	1,698,425	1,723,131	1,740,987	1,753,162	1,765,707
Broward County Exemptions as % of Population	73%	73%	73%	74%	75%	75%	75%	75%	74%	72%
Estimated Broward County Population not Covered by Federal Income Tax Exemptions	420,202	429,100	436,543	427,472	413,879	420,109	427,828	428,774	461,272	491,084

Source: Exemptions from County-to-County Migration Flows, U.S. Internal Revenue Service, Statistics of Income Division

2000 Population from U.S. Census Bureau, Census 2000, all other Populations from the University of Florida, Bureau of Economic and Business Research

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