Florida *BEBR*

Special Population Reports

Revised Annual Population Estimates by County in Florida, with Components of Growth, 1990-2000

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Population counts from the 2000 census have been released which show that Florida's population grew by more than 3 million persons during the 1990s, an increase of 23.5 percent. In absolute numbers, this was the third largest increase of any state in the United States, trailing only California and Texas. In percentage terms, it was the seventh largest increase of any state. Every county in Florida grew between 1990 and 2000, with increases ranging from 73.6 percent in Flagler County to 2.0 percent in Monroe County. Sixty of Florida's 67 counties had growth rates greater than the nation's 13.2 percent increase during the decade; in fact, 31 counties grew more than twice as fast as the nation as a whole.

High rates of population growth make it difficult to produce accurate population estimates. Seasonal migration, foreign immigration, and changing racial and ethnic composition add to the difficulty. Despite these problems, the 2000 population estimates produced by the Bureau of Economic and Business Research (BEBR) proved to be very accurate when compared to 2000 census results. The average absolute percent error for county estimates was 4.2 percent; the average algebraic percent error was only 0.8 percent. Twenty-six counties had errors of less than 2 percent and 49 had errors of less than 5 percent. Estimates were above census counts in 33 counties and below in 34 counties. At the state level, the estimate for April 1, 2000 was 1.8 percent below the census count.

For most counties, then, the population estimates published by BEBR during the 1990s provided a reasonably accurate indication of annual population changes. Nevertheless, there are several reasons for producing a revised set of annual population estimates. Most important, a revised set provides annual estimates that are consistent with both the 1990 and 2000 census counts. This is a major advantage over the originally published estimates, especially for the counties in which population estimation errors were the largest. In addition, the revised set incorporates corrections to the input data used to construct the original estimates, thereby providing a more consistent set of year-to-year changes. Although the revised estimates do not differ dramatically from the original estimates in many coun-

Table 1. Revised Estimates of Florida Population by County, 1990-2000

STATE County	Census April 1, 1990	Estimate 1991	Estimate 1992	Estimate 1993	Estimate 1994
FLORIDA	12,938,071	13,258,764	13,497,604	13,730,216	14,043,896
Alachua	181,596	183,978	186,673	189,950	193,319
Baker	18,486	19,133	19,360	19,555	19,616
Bay	126,994	128,373	130,767	133,005	135,101
Bradford	22,515	22,937	23,290	23,329	24,218
Brevard	398,978	409,791	416,480	425,103	433,711
Broward	1,255,531	1,292,037	1,317,651	1,354,716	1,391,490
Calhoun	11,011	11,219	11,306	11,395	11,727
Charlotte	110,975	116,356	119,356	122,506	125,718
Citrus	93,513	96,466	99,057	101,452	103,774
Clay	105,986	108,587	111,572	114,172	117,240
Collier	152,099	162,922	171,872	180,300	188,462
Columbia	42,613	43,832	44,880	46,291	48,123
De Soto	23,865	24,973	25,561	26,234	27,015
Dixie	10,585	10,922	11,165	11,605	11,984
Duval	672,971	684,750	696,169	705,369	714,969
Escambia	262,798	264,235	265,247	269,280	273,376
Flagler	28,701	30,491	31,968	33,793	35,790
Franklin	8,967	9,256	9,373	9,789	9,995
Gadsden	41,116	41,892	41,973	42,159	42,653
Gilchrist	9,667	10,319	10,384	10,907	11,626
Glades	7,591	7,936	8,102	8,256	8,455
Gulf	11,504	11,471	11,447	11,926	12,552
Hamilton	10,930	11,192	11,234	11,240	11,401
Hardee	19,499	20,296	21,835	23,237	23,980
Hendry	25,773	26,748	27,582	28,466	29,678
Hernando	101,115	105,045	108,521	111,947	115,261
Highlands	68,432	70,666	72,465	74,342	76,411
Hillsborough	834,054	848,257	860,630	871,750	884,433
Holmes	15,778	16,036	16,239	16,428	16,921
Indian River	90,208	92,824	94,435	96,111	98,085
Jackson	41,375	42,027	42,897	43,383	44,113
Jefferson	11,296	11,784	11,993	12,141	12,507
Lafayette	5,578	5,659	5,688	5,716	6,024
Lake	152,104	157,656	162,424	167,121	171,950
Lee	335,113	346,287	353,251	360,759	371,727
Leon	192,493	198,006	202,155	206,144	212,412
Levy	25,912	26,590	27,340	28,228	29,048
Liberty	5,569	5,704	5,757	5,752	6,199
Madison	16,569	16,753	16,895	16,983	17,410
Manatee	211,707	215,917	220,722	225,206	230,394
Marion	194,835	200,595	206,240	212,081	218,282
Martin	100,900	103,648	105,490	107,641	111,016
Miami-Dade	1,937,194	1,978,374	2,004,374	1,995,568	2,048,718
Monroe	78,024	79,275	79,786	80,063	79,895
Nassau	43,941	44,486	45,362	46,517	47,370
Okaloosa	143,777	144,904	146,452	149,435	151,965
Okeechobee	29,627	30,131	30,784	31,585	32,059
Orange	677,491	700,873	714,016	732,440	747,731
Osceola	107,728	117,829	123,491	128,607	134,490
Palm Beach	863,503	887,893	907,389	932,538	960,498
Pasco	281,131	286,186	290,915	296,009	302,185
Pinellas	851,659	858,838	865,412	872,651	879,158
Polk	405,382	412,043	417,223	424,705	432,594
Putnam	65,070	65,856	66,291	66,832	67,518
St. Johns	83,829	86,378	88,797	92,097	95,545
St. Lucie	150,171	155,368	159,302	163,831	167,833
Santa Rosa	81,608	84,314	88,745	91,740	95,575
Sarasota	277,776	283,269	286,609	289,531	294,324
Seminole	287,521	299,876	306,793	312,319	319,375
Sumter	31,577	32,273	32,948	33,616	34,848
Suwannee	26,780	27,646	28,270	28,928	29,723
Taylor	17,111	17,285	17,355	17,406	17,536
Union	10,252	11,330	11,327	11,882	12,437
Volusia	370,737	379,643	386,230	392,726	398,678
Wakulla	14,202	14,665	15,091	15,620	16,518
Walton	27,759	29,195	29,754	30,339	31,434
Washington	16,919	17,268	17,442	17,463	17,723

Table 1. Revised Estimates of Florida Population by County, 1990-2000 (continued)

Estimate 1995	Estimate 1996	Estimate 1997	Estimate 1998	Estimate 1999	Census April 1, 2000	STATE County
14,336,174	14,623,650	14,938,576	15,230,728	15,580,590	15,982,378	FLORIDA
196,712	200,190	204,651	207,296	211,829	217,955	Alachua
20,169	20,531	20,811	20,734	21,243	22,259	Baker
137,012	138,291	141,148	143,980	146,624	148,217	Bay
24,299	25,037	25,334	25,473	25,652	26,088	Bradford
442,081	446,259	453,018	459,713	467,401	476,230	Brevard
1,428,708	1,467,022	1,506,376	1,542,412	1,579,359	1,623,018	Broward
12,128	12,349	12,527	12,576	12,798	13,017	Calhoun
128,896	130,998	132,850	134,917	138,128	141,627	Charlotte
106,670	108,970	111,068	113,358	115,608	118,085	Citrus
120,813	124,792	127,663	132,048	136,084	140,814	Clay
197,055	206,021	215,278	226,771	239,421	251,377	Collier
49,492	51,115	52,713	54,063	55,078	56,513	Columbia
27,820	28,336	29,087	30,128	31,169	32,209	De Soto
12,293	12,469	12,888	13,078	13,457	13,827	Dixie
720,685	729,089	742,751	756,402	764,961	778,879	Duval
276,584	279,143	285,058	287,223	292,075	294,410	Escambia
37,451	39,747	41,911	44,276	46,855	49,832	Flagler
10,140	10,264	10,432	10,626	10,773	11,057	Franklin
43,460	44,309	44,536	44,863	45,332	45,087	Gadsden
12,048	12,446	12,785	13,441	13,836	14,437	Gilchrist
8,644	9,553	9,834	10,018	10,331	10,576	Glades
12,452	12,467	12,590	12,590	12,565	13,332	Gulf
11,790	12,115	12,140	12,411	12,694	13,327	Hamilton
24,822	24,958	25,408	26,134	26,407	26,938	Hardee
31,280	32,478	33,485	34,273	35,343	36,210	Hendry
118,303	120,414	122,679	125,546	128,025	130,802	Hernando
78,607	80,316	82,079	83,621	85,360	87,366	Highlands
897,643	916,064	931,482	945,565	971,079	998,948	Hillsborough
17,519	17,520	17,894	17,957	18,286	18,564	Holmes
100,375	102,516	104,644	106,689	109,266	112,947	Indian River
44,866	44,884	45,104	45,672	45,899	46,755	Jackson
12,832	12,863	13,042	13,153	13,394	12,902	Jefferson
6,386	6,757	6,652	6,675	6,629	7,022	Lafayette
177,588	183,002	188,632	194,810	202,177	210,528	Lake
382,830	391,257	402,838	413,952	427,180	440,888	Lee
217,185	223,524	226,670	231,243	235,760	239,452	Leon
29,749	30,578	31,437	32,594	33,522	34,450	Levy
6,488	6,683	6,826	6,744	6,934	7,021	Liberty
17,828	18,038	18,146	18,313	18,545	18,733	Madison
235,729	240,008	245,505	250,871	257,391	264,002	Manatee
225,032	229,893	237,166	243,140	251,124	258,916	Marion
113,550	116,233	118,478	121,749	124,360	126,731	Martin
2,076,171	2,112,848	2,146,081	2,172,357	2,208,140	2,253,362	Miami-Dade
79,824	79,941	79,941	79,669	79,963	79,589	Monroe
48,593	50,103	51,958	53,292	55,405	57,663	Nassau
155,039	157,630	160,835	163,770	167,000	170,498	Okaloosa
32,541	33,293	34,392	34,845	35,292	35,910	Okeechobee
765,906	787,484	810,928	830,266	854,802	896,344	Orange
140,775	143,784	147,935	151,703	163,230	172,493	Osceola
988,743	1,013,515	1,044,459	1,071,005	1,098,859	1,131,184	Palm Beach
309,181	314,629	321,074	327,536	334,986	344,765	Pasco
887,769	894,117	900,320	907,263	915,789	921,482	Pinellas
440,412	446,520	454,112	461,774	472,527	483,924	Polk
68,065	68,602	68,998	69,409	69,895	70,423	Putnam
99,129	102,790	107,910	112,081	116,744	123,135	St. Johns
172,212	176,272	180,338	184,242	188,327	192,695	St. Lucie
98,688	101,059	105,703	109,890	114,418	117,743	Santa Rosa
299,108	303,393	308,052	313,218	318,338	325,957	Sarasota
326,608	331,326	338,907	345,423	355,329	365,196	Seminole
36,017	40,160	43,680	47,007	49,698	53,345	Sumter
30,632	31,502	32,379	33,211	34,036	34,844	Suwannee
18,199	18,788	18,863	19,034	19,257	19,256	Taylor
12,536	12,581	12,654	12,983	13,288	13,442	Union
405,518	412,486	418,895	425,978	433,979	443,343	Volusia
17,207	18,160	19,097	20,479	21,619	22,863	Wakulla
32,717	33,650	35,476	36,809	38,912	40,601	Walton
18,570	19,518	19,973	20,386	20,803	20,973	Washington

Table 2. Annual Resident Births by County in Florida, 1990-2000

STATE County	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995
FLORIDA	197,795	193,180	191,766	191,980	190,054
Alachua	2,764	2,756	2,607	2,689	2,472
Baker	285	282	291	298	283
Bay	2,075	2,118	2,122	2,056	1,966
Bradford	339	327	307	312	302
Brevard	5,649	5,532	5,488	5,310	5,143
Broward	18,562	18,104	18,566	19,356	19,631
Calhoun	151	128	134	142	136
Charlotte	1,049	1,003	980	971	991
Citrus	902	900	884	854	867
Clay	1,645	1,619	1,599	1,568	1,622
Collier	2,469	2,363	2,412	2,509	2,474
Columbia	692	702	678	659	644
De Soto	406	410	388	390	392
Dixie	143	159	153	137	137
Duval	12,889	12,715	12,413	11,900	11,627
Escambia	4,487	4,384	4,280	4,136	3,979
Flagler	289	270	309	279	291
Franklin	108	119	120	116	102
Gadsden	817	855	789	713	672
Gilchrist	128	131	133	137	151
Glades	88	83	93	90	78
Gulf	147	151	158	158	129
Hamilton	175	155	160	144	142
Hardee	452	448	426	411	418
Hendry	604	594	596	601	586
Hernando	976	933	975	1,027	987
Highlands	845	832	845	807	827
Hillsborough	14,357	13,955	13,817	13,793	13,642
Holmes	217	199	203	219	210
Indian River	1,093	1,030	1,016	982	943
Jackson	564	574	549	512	517
Jefferson	195	172	173	168	142
Lafayette	68	64	70	66	60
Lake	1,997	1,995	2,003	2,003	2,007
Lee	4,497	4,349	4,235	4,271	4,301
Leon	2,774	2,740	2,716	2,807	2,823
Levy	350	343	373	342	345
Liberty	71	85	76	70	63
Madison	270	243	236	204	213
Manatee	2,855	2,793	2,826	2,814	2,750
Marion	2,756	2,675	2,578	2,679	2,632
Martin	1,323	1,272	1,211	1,181	1,128
Miami-Dade	34,242	33,304	32,846	33,030	32,707
Monroe	1,002	977	995	995	893
Nassau	713	745	701	647	661
Okaloosa	2,469	2,426	2,528	2,420	2,437
Okeechobee	578	595	568	513	483
Orange	11,958	11,766	11,905	12,034	11,885
Osceola	1,881	1,865	1,895	1,937	1,999
Palm Beach	12,800	12,381	12,293	12,581	12,639
Pasco	3,047	3,026	2,984	3,175	3,245
Pinellas	10,320	9,883	9,674	9,549	9,326
Polk	6,436	6,292	6,276	6,191	6,185
Putnam	1,025	1,002	988	935	906
St. Johns	1,164	1,158	1,136	1,104	1,079
St. Lucie	2,420	2,338	2,306	2,284	2,187
Santa Rosa	1,294	1,257	1,319	1,367	1,321
Sarasota	2,797	2,729	2,637	2,536	2,543
Seminole	4,352	4,255	4,276	4,381	4,450
Sumter	438	446	432	442	404
Suwannee	363	348	343	363	353
Taylor	283	261	259	256	225
Union	134	136	136	129	116
Volusia	4,748	4,640	4,454	4,408	4,397
Wakulla	196	198	210	201	195
Walton	366	352	366	386	376
Washington	246	238	251	235	217

Table 2. Annual Resident Births by County in Florida, 1990-2000 (continued)

1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	STATE County
188,743	190,090	193,124	195,925	198,491	FLORIDA
2,453	2,485	2,480	2,418	2,441	Alachua
302	290	317	342	382	Baker
1,987	1,969	2,004	2,003	1,967	Bay
283	324	322	316	334	Bradford
4,932	4,951	4,797	4,794	4,806	Brevard
20,026	20,050	20,475	20,744	21,285	Broward
139	147	157	152	135	Calhoun
947	990	996	1,020	975	Charlotte
855	863	831	813	838	Citrus
1,646	1,681	1,792	1,783	1,760	Clay
2,482	2,498	2,557	2,753	2,919	Collier
663	691	755	762	754	Columbia
379	366	366	413	421	De Soto
158	152	157	161	176	Dixie
11,629	11,911	12,006	12,128	12,115	Duval
3,835	3,884	3,968	3,932	3,933	Escambia
319	316	343	357	358	Flagler
95	101	116	126	114	Franklin
644	663	689	700	711	Gadsden
147	146	173	166	163	Gilchrist
67	83	95	86	78	Glades
135	158	141	141	135	Gulf
148	151	160	166	158	Hamilton
449	457	442	445	446	Hardee
601	589	626	651	621	Hendry
1,025	1,022	1,057	1,082	1,092	Hernando
835	860	869	843	838	Highlands
13,543	13,727	13,992	14,341	14,488	Hillsborough
191	207	211	192	192	Holmes
964	980	1,009	1,067	1,044	Indian River
492	553	560	537	551	Jackson
157	156	153	143	163	Jefferson
67	75	84	74	76	Lafayette
2,008	1,971	2,081	2,224	2,266	Lake
4,315	4,471	4,547	4,629	4,863	Lee
2,786	2,804	2,898	3,014	2,945	Leon
350	360	366	397	388	Levy
64	79	78	87	81	Liberty
189	212	216	212	202	Madison
2,846	2,874	2,857	2,906	3,087	Manatee
2,628	2,557	2,721	2,742	2,798	Marion
1,108	1,126	1,108	1,136	1,206	Martin
32,028	31,708	31,384	31,594	31,679	Miami-Dade
840	855	781	726	799	Monroe
697	697	706	750	757	Nassau
2,428	2,344	2,297	2,313	2,280	Okaloosa
481	455	507	480	493	Okeechobee
11,664	11,897	12,510	12,980	13,391	Orange
2,017	2,065	2,165	2,279	2,418	Osceola
12,356	12,575	12,677	13,055	13,117	Palm Beach
3,308	3,251	3,373	3,434	3,562	Pasco
9,222	9,196	9,300	9,394	9,330	Pinellas
6,157	6,261	6,476	6,529	6,658	Polk
932	907	907	910	940	Putnam
1,156	1,164	1,205	1,194	1,237	St. Johns
2,119	2,154	2,197	2,225	2,173	St. Lucie
1,371	1,423	1,498	1,533	1,533	Santa Rosa
2,508	2,522	2,551	2,612	2,655	Sarasota
4,372	4,386	4,393	4,297	4,478	Seminole
413	388	413	416	437	Sumter
359	388	422	460	469	Suwannee
217	229	234	241	243	Taylor
127	122	136	157	151	Union
4,276	4,290	4,523	4,436	4,444	Volusia
212	225	234	260	275	Wakulla
363	387	418	424	442	Walton
231	251	245	228	225	Washington

Table 3. Annual Resident Deaths by County in Florida, 1990-2000

STATE County	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995
FLORIDA	133,728	135,901	140,234	145,530	148,061
Alachua	1,215	1,250	1,252	1,320	1,353
Baker	144	151	134	147	144
Bay	1,075	1,081	1,102	1,142	1,202
Bradford	216	240	239	245	252
Brevard	3,596	3,680	3,923	4,029	4,180
Broward	14,335	14,707	15,210	15,601	15,590
Calhoun	131	144	135	134	141
Charlotte	1,573	1,607	1,685	1,827	1,836
Citrus	1,359	1,374	1,439	1,561	1,618
Clay	706	732	768	835	817
Collier	1,486	1,524	1,610	1,686	1,745
Columbia	404	399	424	436	469
De Soto	265	287	266	281	291
Dixie	100	103	116	120	111
Duval	5,654	5,758	5,746	5,980	6,184
Escambia	2,200	2,319	2,367	2,435	2,517
Flagler	314	330	369	389	422
Franklin	111	109	104	129	123
Gadsden	405	391	421	413	452
Gilchrist	114	98	116	118	119
Glades	81	71	73	75	98
Gulf	124	143	128	139	146
Hamilton	102	97	103	103	105
Hardee	188	184	189	202	187
Hendry	221	237	231	216	247
Hernando	1,378	1,428	1,569	1,629	1,696
Highlands	991	1,044	1,089	1,135	1,194
Hillsborough	7,129	7,193	7,408	7,624	7,968
Holmes	195	180	192	203	203
Indian River	1,058	1,081	1,130	1,237	1,280
Jackson	449	448	449	458	460
Jefferson	127	116	119	124	133
Lafayette	38	40	44	45	44
Lake	2,096	2,149	2,116	2,326	2,329
Lee	3,724	3,762	4,004	4,221	4,334
Leon	1,124	1,160	1,210	1,237	1,227
Levy	351	305	334	316	356
Liberty	42	49	40	45	49
Madison	168	159	178	172	182
Manatee	2,774	2,837	2,886	2,972	3,090
Marion	2,212	2,291	2,413	2,639	2,701
Martin	1,212	1,260	1,278	1,350	1,428
Miami-Dade	18,054	17,936	18,445	18,684	18,530
Monroe	674	716	682	674	720
Nassau	360	353	353	380	415
Okaloosa	930	982	1,014	1,018	1,074
Okeechobee	298	293	305	320	323
Orange	4,798	4,996	5,110	5,205	5,417
Osceola	872	889	959	1,051	1,109
Palm Beach	10,039	10,307	10,869	11,370	11,518
Pasco	4,251	4,355	4,540	4,659	4,651
Pinellas	12,107	12,163	12,278	12,710	12,578
Polk	4,251	4,194	4,352	4,617	4,715
Putnam	780	767	841	794	792
St. Johns	826	856	857	905	923
St. Lucie	1,563	1,603	1,674	1,801	1,942
Santa Rosa	564	599	572	661	669
Sarasota	4,036	4,088	4,195	4,370	4,442
Seminole	1,878	1,901	1,964	2,042	2,209
Sumter	421	425	380	433	488
Suwannee	363	343	352	381	374
Taylor	188	185	205	207	179
Union	88	98	113	141	160
Volusia	4,554	4,714	4,890	5,106	5,144
Wakulla	145	119	123	131	136
Walton	298	304	341	346	316
Washington	203	197	211	228	214

1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	STATE County
151,895	152,987	154,671	158,408	161,517	FLORIDA
1,372	1,435	1,515	1,485	1,469	Alachua
159	165	155	180	192	Baker
1,257	1,284	1,296	1,330	1,381	Bay
259	276	264	255	256	Bradford
4,319	4,478	4,595	4,782	4,995	Brevard
15,833	15,836	15,593	15,779	16,028	Broward
135	139	127	133	129	Calhoun
1,938	1,930	2,022	2,041	2,086	Charlotte
1,724	1,739	1,847	1,921	1,881	Citrus
884	895	956	1,008	1,047	Clay
1,826	1,983	2,046	2,124	2,251	Collier
506	540	550	556	613	Columbia
308	294	275	264	305	De Soto
122	121	136	149	165	Dixie
6,247	6,194	6,221	6,486	6,696	Duval
2,500	2,598	2,628	2,759	2,818	Escambia
467	510	545	593	611	Flagler
129	118	136	113	139	Franklin
440	435	429	435	439	Gadsden
122	140	131	131	143	Gilchrist
113	106	96	88	100	Glades
148	162	156	159	154	Gulf
123	129	114	108	116	Hamilton
203	200	194	230	202	Hardee
257	256	236	241	247	Hendry
1,744	1,831	1,891	1,980	1,990	Hernando
1,232	1,159	1,235	1,228	1,254	Highlands
8,048	7,991	7,988	8,208	8,355	Hillsborough
209	234	219	222	207	Holmes
1,303	1,352	1,348	1,463	1,430	Indian River
479	489	498	521	504	Jackson
135	126	141	133	146	Jefferson
48	50	47	57	56	Lafayette
2,486	2,491	2,549	2,705	2,691	Lake
4,521	4,637	4,627	4,759	4,979	Lee
1,312	1,318	1,350	1,413	1,499	Leon
367	367	361	396	427	Levy
52	53	54	55	62	Liberty
183	171	161	214	199	Madison
3,124	3,086	3,166	3,262	3,283	Manatee
2,907	3,008	2,960	3,082	3,285	Marion
1,482	1,499	1,489	1,514	1,527	Martin
19,011	18,459	18,396	18,721	18,924	Miami-Dade
728	732	705	709	694	Monroe
414	431	441	450	515	Nassau
1,156	1,132	1,168	1,229	1,243	Okaloosa
351	371	389	397	364	Okeechobee
5,625	5,735	5,803	5,808	6,124	Orange
1,177	1,154	1,223	1,269	1,274	Osceola
11,779	12,034	12,472	12,630	12,910	Palm Beach
4,854	4,976	4,991	5,047	5,130	Pasco
12,392	12,470	12,607	12,634	12,622	Pinellas
4,818	4,818	4,896	5,148	5,237	Polk
821	836	838	845	891	Putnam
972	1,036	1,055	1,074	1,083	St. Johns
2,034	2,002	2,060	2,157	2,206	St. Lucie
686	760	774	846	871	Santa Rosa
4,491	4,543	4,655	4,827	4,730	Sarasota
2,211	2,245	2,356	2,424	2,513	Seminole
490	452	490	523	551	Sumter
378	400	411	430	419	Suwannee
213	204	204	196	223	Taylor
182	161	158	178	155	Union
5,386	5,468	5,467	5,514	5,666	Volusia
156	148	141	178	191	Wakulla
332	374	407	405	414	Walton
215	221	217	207	210	Washington

Table 4. Annual Natural Increase by County in Florida, 1990-2000

STATE County	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995
FLORIDA	64,067	57,279	51,532	46,450	41,993
Alachua	1,549	1,506	1,355	1,369	1,119
Baker	141	131	157	151	139
Bay	1,000	1,037	1,020	914	764
Bradford	123	87	68	67	50
Brevard	2,053	1,852	1,565	1,281	963
Broward	4,227	3,397	3,356	3,755	4,041
Calhoun	20	-16	-1	8	-5
Charlotte	-524	-604	-705	-856	-845
Citrus	-457	-474	-555	-707	-751
Clay	939	887	831	733	805
Collier	983	839	802	823	729
Columbia	288	303	254	223	175
De Soto	141	123	122	109	101
Dixie	43	56	37	17	26
Duval	7,235	6,957	6,667	5,920	5,443
Escambia	2,287	2,065	1,913	1,701	1,462
Flagler	-25	-60	-60	-110	-131
Franklin	-3	10	16	-13	-21
Gadsden	412	464	368	300	220
Gilchrist	14	33	17	19	32
Glades	7	12	20	15	-20
Gulf	23	8	30	19	-17
Hamilton	73	58	57	41	37
Hardee	264	264	237	209	231
Hendry	383	357	365	385	339
Hernando	-402	-495	-594	-602	-709
Highlands	-146	-212	-244	-328	-367
Hillsborough	7,228	6,762	6,409	6,169	5,674
Holmes	22	19	11	16	7
Indian River	35	-51	-114	-255	-337
Jackson	115	126	100	54	57
Jefferson	68	56	54	44	9
Lafayette	30	24	26	21	16
Lake	-99	-154	-113	-323	-322
Lee	773	587	231	50	-33
Leon	1,650	1,580	1,506	1,570	1,596
Levy	-1	38	39	26	-11
Liberty	29	36	36	25	14
Madison	102	84	58	32	31
Manatee	81	-44	-60	-158	-340
Marion	544	384	165	40	-69
Martin	111	12	-67	-169	-300
Miami-Dade	16,188	15,368	14,401	14,346	14,177
Monroe	328	261	313	321	173
Nassau	353	392	348	267	246
Okaloosa	1,539	1,444	1,514	1,402	1,363
Okeechobee	280	302	263	193	160
Orange	7,160	6,770	6,795	6,829	6,468
Osceola	1,009	976	936	886	890
Palm Beach	2,761	2,074	1,424	1,211	1,121
Pasco	-1,204	-1,329	-1,556	-1,484	-1,406
Pinellas	-1,787	-2,280	-2,604	-3,161	-3,252
Polk	2,185	2,098	1,924	1,574	1,470
Putnam	245	235	147	141	114
St. Johns	338	302	279	199	156
St. Lucie	857	735	632	483	245
Santa Rosa	730	658	747	706	652
Sarasota	-1,239	-1,359	-1,558	-1,834	-1,899
Seminole	2,474	2,354	2,312	2,339	2,241
Sumter	17	21	52	9	-84
Suwannee	0	5	-9	-18	-21
Taylor	95	76	54	49	46
Union	46	38	23	-12	-44
Volusia	194	-74	-436	-698	-747
Wakulla	51	79	87	70	59
Walton	68	48	25	40	60
Washington	43	41	40	7	3

Bureau of Economic and Business Research

Table 4. Annual Natural Increase by County in Florida, 1990-2000 (continued)

1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	STATE County
36,848	37,103	38,453	37,517	36,974	FLORIDA
1,081	1,050	965	933	972	Alachua
143	125	162	162	190	Baker
730	685	708	673	586	Bay
24	48	58	61	78	Bradford
613	473	202	12	-189	Brevard
4,193	4,214	4,882	4,965	5,257	Broward
4	8	30	19	6	Calhoun
-991	-940	-1,026	-1,021	-1,111	Charlotte
-869	-876	-1,016	-1,108	-1,043	Citrus
762	786	836	775	713	Clay
656	515	511	629	668	Collier
157	151	205	206	141	Columbia
71	72	91	149	116	De Soto
36	31	21	12	11	Dixie
5,382	5,717	5,785	5,642	5,419	Duval
1,335	1,286	1,340	1,173	1,115	Escambia
-148	-194	-202	-236	-253	Flagler
-34	-17	-20	13	-25	Franklin
204	228	260	265	272	Gadsden
25	6	42	35	20	Gilchrist
-46	-23	-1	-2	-22	Glades
-13	-4	-15	-18	-19	Gulf
25	22	46	58	42	Hamilton
246	257	248	215	244	Hardee
344	333	390	410	374	Hendry
-719	-809	-834	-898	-898	Hernando
-397	-299	-366	-385	-416	Highlands
5,495	5,736	6,004	6,133	6,133	Hillsborough
-18	-27	-8	-30	-15	Holmes
-339	-372	-339	-396	-386	Indian River
13	64	62	16	47	Jackson
22	30	12	10	17	Jefferson
19	25	37	17	20	Lafayette
-478	-520	-468	-481	-425	Lake
-206	-166	-80	-130	-116	Lee
1,474	1,486	1,548	1,601	1,446	Leon
-17	-7	5	1	-39	Levy
12	26	24	32	19	Liberty
6	41	55	-2	3	Madison
-278	-212	-309	-356	-196	Manatee
-279	-451	-239	-340	-487	Marion
-374	-373	-381	-378	-321	Martin
13,017	13,249	12,988	12,873	12,755	Miami-Dade
112	123	76	17	105	Monroe
283	266	265	300	242	Nassau
1,272	1,212	1,129	1,084	1,037	Okaloosa
130	84	118	83	129	Okeechobee
6,039	6,162	6,707	7,172	7,267	Orange
840	911	942	1,010	1,144	Osceola
577	541	205	425	207	Palm Beach
-1,546	-1,725	-1,618	-1,613	-1,568	Pasco
-3,170	-3,274	-3,307	-3,240	-3,292	Pinellas
1,339	1,443	1,580	1,381	1,421	Polk
111	71	69	65	49	Putnam
184	128	150	120	154	St. Johns
85	152	137	68	-33	St. Lucie
685	663	724	687	662	Santa Rosa
-1,983	-2,021	-2,104	-2,215	-2,075	Sarasota
2,161	2,141	2,037	1,873	1,965	Seminole
-77	-64	-77	-107	-114	Sumter
-19	-12	11	30	50	Suwannee
4	25	30	45	20	Taylor
-55	-39	-22	-21	-4	Union
-1,110	-1,178	-944	-1,078	-1,222	Volusia
56	77	93	82	84	Wakulla
31	13	11	19	28	Walton
16	30	28	21	15	Washington

Table 5. Annual Net Migration by County in Florida, 1990-2000

STATE County	1990-1991	1991-1992	1992-1993	1993-1994	1994-1995
FLORIDA	256,626	181,561	181,080	267,230	250,285
Alachua	833	1,189	1,922	2,000	2,274
Baker	506	96	38	-90	414
Bay	379	1,357	1,218	1,182	1,147
Bradford	299	266	-29	822	31
Brevard	8,760	4,837	7,058	7,327	7,407
Broward	32,279	22,217	33,709	33,019	33,177
Calhoun	188	103	90	324	406
Charlotte	5,905	3,604	3,855	4,068	4,023
Citrus	3,410	3,065	2,950	3,029	3,647
Clay	1,662	2,098	1,769	2,335	2,768
Collier	9,840	8,111	7,626	7,339	7,864
Columbia	931	745	1,157	1,609	1,194
De Soto	967	465	551	672	704
Dixie	294	187	403	362	283
Duval	4,544	4,462	2,533	3,680	273
Escambia	-850	-1,053	2,120	2,395	1,746
Flagler	1,815	1,537	1,885	2,107	1,792
Franklin	292	107	400	219	166
Gadsden	364	-383	-182	194	587
Gilchrist	638	32	506	700	390
Glades	338	154	134	184	209
Gulf	-56	-32	449	607	-83
Hamilton	189	-16	-51	120	352
Hardee	533	1,275	1,165	534	611
Hendry	592	477	519	827	1,263
Hernando	4,332	3,971	4,020	3,916	3,751
Highlands	2,380	2,011	2,121	2,397	2,563
Hillsborough	6,975	5,611	4,711	6,514	7,536
Holmes	236	184	178	477	591
Indian River	2,581	1,662	1,790	2,229	2,627
Jackson	537	744	386	676	696
Jefferson	420	153	94	322	316
Lafayette	51	5	2	287	346
Lake	5,651	4,922	4,810	5,152	5,960
Lee	10,401	6,377	7,277	10,918	11,136
Leon	3,863	2,569	2,483	4,698	3,177
Levy	679	712	849	794	712
Liberty	106	17	-41	422	275
Madison	82	58	30	395	387
Manatee	4,129	4,849	4,544	5,346	5,675
Marion	5,216	5,261	5,676	6,161	6,819
Martin	2,637	1,830	2,218	3,544	2,834
Miami-Dade	24,992	10,632	-23,207	38,804	13,276
Monroe	923	250	-36	-489	-244
Nassau	192	484	807	586	977
Okaloosa	-412	104	1,469	1,128	1,711
Okeechobee	224	351	538	281	322
Orange	16,222	6,373	11,629	8,462	11,707
Osceola	9,092	4,686	4,180	4,997	5,395
Palm Beach	21,629	17,422	23,725	26,749	27,124
Pasco	6,259	6,058	6,650	7,660	8,402
Pinellas	8,966	8,854	9,843	9,668	11,863
Polk	4,476	3,082	5,558	6,315	6,348
Putnam	541	200	394	545	433
St. Johns	2,211	2,117	3,021	3,249	3,428
St. Lucie	4,340	3,199	3,897	3,519	4,134
Santa Rosa	1,976	3,773	2,248	3,129	2,461
Sarasota	6,732	4,699	4,480	6,627	6,683
Seminole	9,881	4,563	3,214	4,717	4,992
Sumter	679	654	616	1,223	1,253
Suwannee	866	619	667	813	930
Taylor	79	-6	-3	81	617
Union	1,032	-41	532	567	143
Volusia	8,712	6,661	6,932	6,650	7,587
Wakulla	412	347	442	828	630
Walton	1,368	511	560	1,055	1,223
Washington	306	133	-19	253	844

Bureau of Economic and Business Research

Table 5. Annual Net Migration by County in Florida, 1990-2000 (continued)

1995-1996	1996-1997	1997-1998	1998-1999	1999-2000	STATE County
250,628	277,823	253,699	312,345	364,814	FLORIDA
2,397	3,411	1,680	3,600	5,154	Alachua
219	155	-239	347	826	Baker
549	2,172	2,124	1,971	1,007	Bay
714	249	81	118	358	Bradford
3,565	6,286	6,493	7,676	9,018	Brevard
34,121	35,140	31,154	31,982	38,402	Broward
217	170	19	203	213	Calhoun
3,093	2,792	3,093	4,232	4,610	Charlotte
3,169	2,974	3,306	3,358	3,520	Citrus
3,217	2,085	3,549	3,261	4,017	Clay
8,310	8,742	10,982	12,021	11,288	Collier
1,466	1,447	1,145	809	1,294	Columbia
445	679	950	892	924	De Soto
140	388	169	367	359	Dixie
3,022	7,945	7,866	2,917	8,499	Duval
1,224	4,629	825	3,679	1,220	Escambia
2,444	2,358	2,567	2,815	3,230	Flagler
158	185	214	134	309	Franklin
645	-1	67	204	-517	Gadsden
373	333	614	360	581	Gilchrist
955	304	185	315	267	Glades
28	127	15	-7	786	Gulf
300	3	225	225	591	Hamilton
-110	193	478	58	287	Hardee
854	674	398	660	493	Hendry
2,830	3,074	3,701	3,377	3,675	Hernando
2,106	2,062	1,908	2,124	2,422	Highlands
12,926	9,682	8,079	19,381	21,736	Hillsborough
19	401	71	359	293	Holmes
2,480	2,500	2,384	2,973	4,067	Indian River
5	156	506	211	809	Jackson
9	149	99	231	-509	Jefferson
352	-130	-14	-63	373	Lafayette
5,892	6,150	6,646	7,848	8,776	Lake
8,633	11,747	11,194	13,358	13,824	Lee
4,865	1,660	3,025	2,916	2,246	Leon
846	866	1,152	927	967	Levy
183	117	-106	158	68	Liberty
204	67	112	234	185	Madison
4,557	5,709	5,675	6,876	6,807	Manatee
5,140	7,724	6,213	8,324	8,279	Marion
3,057	2,618	3,652	2,989	2,692	Martin
23,660	19,984	13,288	22,910	32,467	Miami-Dade
5	-123	-348	277	-479	Monroe
1,227	1,589	1,069	1,813	2,016	Nassau
1,319	1,993	1,806	2,146	2,461	Okaloosa
622	1,015	335	364	489	Okeechobee
15,539	17,282	12,631	17,364	34,275	Orange
2,169	3,240	2,826	10,517	8,119	Osceola
24,195	30,403	26,341	27,429	32,118	Palm Beach
6,994	8,170	8,080	9,063	11,347	Pasco
9,518	9,477	10,250	11,766	8,985	Pinellas
4,769	6,149	6,082	9,372	9,976	Polk
426	325	342	421	479	Putnam
3,477	4,992	4,021	4,543	6,237	St. Johns
3,975	3,914	3,767	4,017	4,401	St. Lucie
1,686	3,981	3,463	3,841	2,663	Santa Rosa
6,268	6,680	7,270	7,335	9,694	Sarasota
2,557	5,440	4,479	8,033	7,902	Seminole
4,220	3,584	3,404	2,798	3,761	Sumter
889	889	821	795	758	Suwannee
585	50	141	178	-21	Taylor
100	112	351	326	158	Union
8,078	7,587	8,027	9,079	10,586	Volusia
897	860	1,289	1,058	1,160	Wakulla
902	1,813	1,322	2,084	1,661	Walton
932	425	385	396	155	Washington

ties, the differences are substantial in a few. We believe the revised numbers generally provide more accurate estimates of annual population change than did the numbers published originally.

Table 1 of this report shows the revised estimates of total population for the state and each county for April 1 of each year between 1990 and 2000. Tables 2-5 show the components of growth for each year. Calendar-year data on births and deaths were provided by the Florida Office of Vital Statistics; we transposed them into April-to-April numbers by assuming that one-quarter of the births and deaths each year occurred in January, February, and March. Natural increase was calculated as the difference between the numbers of births and deaths for each year; net migration was calculated as the difference between population change and natural increase. It should be noted that estimates of net migration include the effects of errors in both the annual birth and death statistics and the underlying population data.

Methodology. The revised estimates of total population were based on a methodology that incorporates 1990 and 2000 census counts and annual data on active residential electric customers, building permits, and institutional populations (e.g., persons living in prisons, college dormitories, and military barracks). First, each annual data series was corrected and smoothed to account for apparent reporting errors in the original data. Second, estimates of the institutional population were subtracted from the counts of total population in 1990 and 2000, leaving estimates of the noninstitutional population for each county. Third, ratios were formed for each county, one relating the noninstitutional population to the number of active residential electric customers in 1990 and 2000 and the other relating the noninstitutional population to the number of housing units in

1990 and 2000 (the numbers of housing units for each year between 1991 and 2000 were based on the number of building permits issued each year). Fourth, linear interpolations between 1990 and 2000 values were made for both the electric customer and housing unit ratios, providing two sets of annual ratios for each county. Fifth, the appropriate ratios were multiplied by the number of active residential electric customers and housing units for each year, providing two estimates of the noninstitutional population for each year. Sixth, institutional populations were added to the estimates of the noninstitutional population, providing annual estimates of the total population. Finally, revised estimates for each county were based on an evaluation of each of the individual estimates. In some instances they were based solely on electric customer data; in some instances they were based solely on building permit data; and in some instances they were based on an average of the two.

Conclusion. The estimates published here were based on the best data and techniques currently available. They provide a set of statistics that are consistent with each other and with both the 1990 and 2000 censuses, and that correct for errors in the original data series wherever possible. However, they are still subject to errors in the annual data series and in the census counts themselves. In particular, they do not account for undercounts (or overcounts) in the decennial census or for changes in the net undercount between 1990 and 2000. In spite of these shortcomings, we believe these estimates provide valuable information on changes in total population and the components of growth for Florida and its counties during the 1990s.

Note. The 1990 census numbers cited in this report include post-censal corrections made by the U.S. Census Bureau; consequently, some of these numbers differ slightly from those published originally.