

Economic Impact of Military Personnel Realignments in Okaloosa County

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Haas Center for Business Research and Economic Development

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Estimated Economic Impact of BRAC 2005 on Okaloosa, Santa Rosa, and Walton Counties

Estimated Impact of Military Construction and Personnel Realignment	2007	2010	2013	2015	2020
Population	1	-1,078	6,300	8,860	10,690
Total GRP (Millions Fixed 2000\$)	0.3	-13.7	355.4	451.3	468.8
Output (Millions Fixed 2000\$)	0.4	35.8	245.4	287.7	280.0
Total Employment	7	303	5,224	6,241	5,995
Private Non-Farm Employment	7	669	2,825	3,073	2,754
Pers Inc (Millions \$)	0.2	-14.7	379.6	512.5	613.5

Source: REMI Policy Insight Version 9.0

Economic Input	2007	2008	2009	2010	2011	2012	2013	2014	2015
Military Construction - 7th Special Forces			\$125 M	\$126 M	\$126 M				
Military Construction - Joint Strike Fighter			\$73.2 M	\$73.2 M	\$73.2 M	\$73.2 M	\$73.2 M		
Military Construction - Defense Threat Reduction Agency	\$1 M	\$1 M							
Military Personnel - 7th Special Forces Group 33 rd Fighter Wing Joint Strike Fighter		-175 Military Personnel	-867 Military Personnel	537 Military Personnel	1,575 Military Personnel	824 Military Personnel	-113 Military Personnel	212 Military Personnel	446 Military Personnel
Contractor Manpower Equivalents		15 Non-Military Personnel	13 Non-Military Personnel	47 Non-Military Personnel	68 Non-Military Personnel	75 Non-Military Personnel	17 Non-Military Personnel		
Civilians		43 Non-Military Personnel	43 Non-Military Personnel	24 Non-Military Personnel	5 Non-Military Personnel				

Data Source for Inputs

Kay Rasmussen, Director of Defense & Economic Initiatives, EDC Okaloosa County, 850-651-7374, Current Estimates Obtained 6/20/2007

Estimated Annual Economic Impact on Employment in Okaloosa, Santa Rosa, and Walton Counties

Industry Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Nat Res, Mining, Util, Const	5	-16	666	698	953	706	744	509	574	577	561	536	509	481
Forestry, Fishing, Other	0	0	-1	0	3	3	3	2	3	2	2	2	2	1
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	-1	-3	0	6	9	9	9	11	11	11	11	10	10
Construction	5	-15	670	699	944	693	732	497	561	564	549	524	497	469
Manufacturing	0	-1	-4	0	10	12	10	9	11	10	9	9	8	8
Trade	1	-31	-133	20	414	556	523	525	614	600	589	577	565	554
Wholesale Trade	0	-2	-9	1	28	37	34	34	40	38	37	36	35	35
Retail Trade	1	-29	-124	19	386	519	489	491	574	562	551	541	530	519
Transp, Inform, Fin Act	0	-17	-93	-11	191	267	237	238	277	263	252	242	234	227
Transp, Warehousing	0	-1	-3	0	6	8	7	7	8	8	7	7	7	7
Information	0	-3	-17	-3	33	49	45	46	54	52	51	50	49	48
Finance, Insurance	0	-6	-29	0	70	93	80	78	91	85	81	78	75	72
Real Estate, Rental, Leasing	0	-8	-44	-8	81	117	105	107	124	118	112	107	103	100
Services	1	-78	-433	-38	985	1,412	1,311	1,356	1,598	1,565	1,541	1,520	1,501	1,484
Profess, Tech Services	0	-17	-100	-19	198	298	281	295	346	340	336	331	326	322
Mngmt of Co, Enter	0	-1	-3	0	6	8	7	7	9	8	8	8	7	7
Admin, Waste Services	0	-16	-89	-13	187	271	252	259	305	299	293	289	284	281
Educational Services	0	-1	-9	-2	17	25	23	24	29	29	29	29	30	30
Health Care, Social Asst	0	-7	-39	0	101	146	137	142	166	161	157	155	153	149
Arts, Enter, Rec	0	-5	-26	-2	60	86	79	82	97	95	93	92	91	90
Accom, Food Services	0	-18	-98	-5	229	319	291	298	353	344	339	334	330	327
Other Services (excl Gov)	0	-14	-70	2	187	259	241	248	293	289	286	283	280	278
Public Admin	0	-136	-1,039	-366	1,475	2,487	2,400	2,653	3,167	3,186	3,202	3,216	3,230	3,241
State & Local Gov	0	-19	-111	-46	147	260	269	310	378	397	413	427	441	453
State Gov	0	-3	-15	-6	20	36	38	44	55	58	61	64	66	68
Local Gov	0	-17	-96	-39	127	224	231	265	324	339	352	364	374	384
Federal Civilian	0	58	114	185	258	333	350	350	350	350	350	350	350	350
Federal Military	0	-175	-1,042	-505	1,070	1,894	1,781	1,993	2,439	2,439	2,439	2,439	2,439	2,439
Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	-280	-1,036	303	4,027	5,440	5,224	5,290	6,241	6,200	6,153	6,100	6,047	5,995

Source: REMI Policy Insight Version 9.0

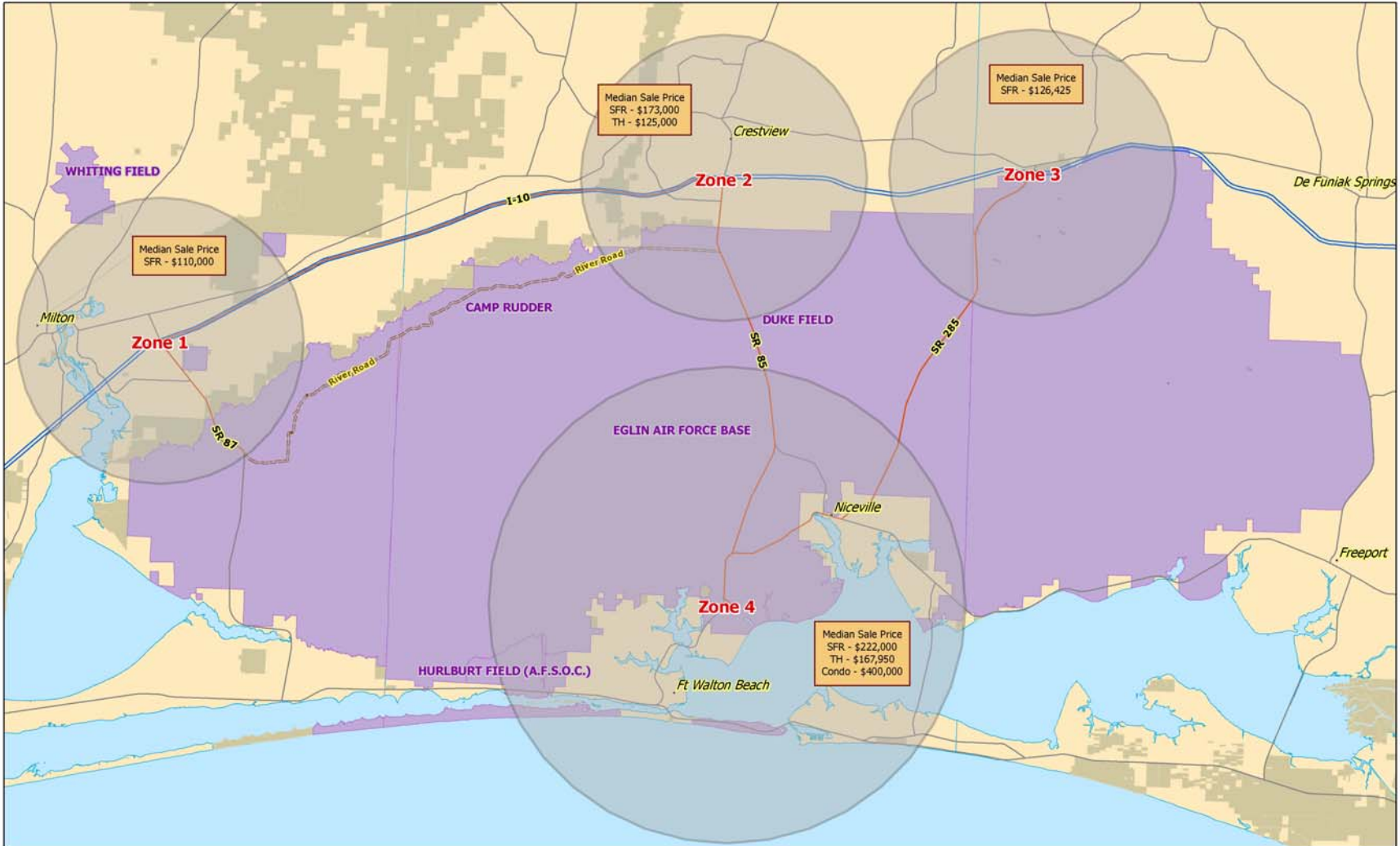
Estimated Number of School-age Children

Economic Input	2008	2009	2010	2011	2012	2013	2014	2015
Military Personnel -	-175	-867	537	1575	824	-113	212	446
Contractor Manpower Equivalents	15	13	47	68	75	17		
Civilians	43	43	24	5				
Estimated number of family members	-199	-1449	1109	2981	1633	-169	382	803
Estimated number of school- age children	-32	-369	324	828	466	-39	103	216

Per Pupil Expenditures

FY05 Per Pupil Expenditures				
Student Type	Okaloosa	Santa Rosa	Walton	3-County Avg.
Exceptional	\$ 8,224	\$ 7,933	\$ 8,928	\$ 8,362
Regular	\$ 5,394	\$ 4,710	\$ 5,402	\$ 5,169
At-Risk	\$ 5,569	\$ 8,344	\$ 5,311	\$ 6,408
Vocational	\$ 5,139	\$ 5,730	\$ 8,574	\$ 6,481
			Region average	\$ 6,605

Source: FLDOE School Indicators Report



Number of Households	Income	Affordable...					
		Rent	Monthly Payment	Payment Less Taxes and Insurance	7.0% Mortgage	Home Price	
83	\$66,040	\$1,601	\$1,651	\$1,486	\$223,344	\$235,098	
102	\$62,038	\$1,501	\$1,551	\$1,396	\$209,807	\$220,850	
108	\$58,035	\$1,401	\$1,451	\$1,306	\$196,271	\$206,601	
144	\$54,033	\$1,301	\$1,351	\$1,216	\$182,735	\$192,353	
135	\$49,150	\$1,179	\$1,229	\$1,106	\$166,221	\$174,970	
97	\$45,147	\$1,079	\$1,129	\$1,016	\$152,685	\$160,721	
78	\$42,025	\$1,001	\$1,051	\$946	\$142,127	\$149,607	
83	\$38,750	\$919	\$969	\$872	\$131,048	\$137,945	
84	\$38,023	\$901	\$951	\$856	\$128,591	\$135,359	
88	\$36,250	\$856	\$906	\$816	\$122,593	\$129,045	
116	\$33,750	\$794	\$844	\$759	\$114,138	\$120,145	
110	\$30,700	\$717	\$767	\$691	\$103,823	\$109,288	
156	\$28,200	\$655	\$705	\$634	\$95,368	\$100,388	
125	\$26,250	\$606	\$656	\$591	\$88,774	\$93,446	
136	\$23,750	\$544	\$594	\$534	\$80,319	\$84,546	
117	\$21,250	\$481	\$531	\$478	\$71,864	\$75,646	

Trip Generation Estimates

Year	Population	Estimated # households	Total Daily Trips Generated
2007	1	0	3
2008	-453	-165	-1,170
2009	-2,614	-951	-6,749
2010	-1,078	-392	-2,783
2011	3,453	1,256	8,915
2012	6,102	2,219	15,754
2013	6,300	2,291	16,265
2014	7,251	2,637	18,721
2015	8,860	3,222	22,875
2016	9,292	3,379	23,990
2017	9,688	3,523	25,013
2018	10,050	3,655	25,947
2019	10,380	3,775	26,799
2020	10,690	3,887	27,600

Estimates are based on 2007 average trip generation statistics by all household types of 7.1 trips per day

Source: REMI and FDOT

Growth in Employment for Utilities, Healthcare and Local Government

Year	Utilities	Healthcare	Local Govt.
2007	0	0	0
2008	-1	-7	-17
2009	-3	-39	-96
2010	0	0	-39
2011	6	101	127
2012	9	146	224
2013	9	137	231
2014	9	142	265
2015	11	166	324
2016	11	161	339
2017	11	157	352
2018	11	155	364
2019	10	153	374
2020	10	149	384

Source: REMI

Projected Law Enforcement Costs

Year	Population Growth	Annual Law Enforcement Costs(2006\$)
2007	1	\$239
2008	-453	-\$108,453
2009	-2,614	-\$625,819
2010	-1,078	-\$258,084
2011	3,453	\$826,684
2012	6,102	\$1,460,882
2013	6,300	\$1,508,286
2014	7,251	\$1,735,965
2015	8,860	\$2,121,176
2016	9,292	\$2,224,602
2017	9,688	\$2,319,408
2018	10,050	\$2,406,075
2019	10,380	\$2,485,080
2020	10,690	\$2,559,297

Source: REMI and county FY07 budgets

Utilities Demand Estimates

Year	Population	Est. New Households	Est. Annual Electricity Demand (KwH)	Est. Annual Water Demand (Gallons)
2007	1	0	4,982	13,273
2008	(453)	(165)	(2,256,764)	(6,012,545)
2009	(2,614)	(951)	(13,022,473)	(34,694,909)
2010	(1,078)	(392)	(5,370,400)	(14,308,000)
2011	3,453	1,256	17,202,218	45,830,727
2012	6,102	2,219	30,399,055	80,990,182
2013	6,300	2,291	31,385,455	83,618,182
2014	7,251	2,637	36,123,164	96,240,545
2015	8,860	3,222	44,138,909	117,596,364
2016	9,292	3,379	46,291,055	123,330,182
2017	9,688	3,523	48,263,855	128,586,182
2018	10,050	3,655	50,067,273	133,390,909
2019	10,380	3,775	51,711,273	137,770,909
2020	10,690	3,887	53,255,636	141,885,455

Estimates based on 2.75 persons per household; annual electricity usage of 13,700 KwH per household and per capita daily residential water usage of 100 gallons.

Sources: Energy Information Administration, Southern Atlantic Region; United States Geological Survey; SRC, LLC.

Traffic Counts

Santa Rosa AADT		1970	1980	1990	2000	2005
0019	US 90 at SR 87	2,481	n/a	6,619	8,800	12,100
0027	US 90 causeway	7,343	14,860	25,277	34,500	40,000
0028	US 98 one mile east of Pensacola Bay Bridge	6,282	14,758	30,649	50,500	47,500
0029	SR 87 at US 98	2,080	2,897	6,953	13,300	13,700
0031	US 98 at Garcon Point Rd.	n/a	n/a	n/a	29,500	40,000
0105	US 90 at West Spencer Field Rd.	7,907	13,932	22,633	28,000	36,500
0128	US 90 at Avalon Blvd.	7,264	14,647	19,314	26,000	33,500
0214	Woodbine Rd. at US 90	1,367	2,366	8,127	15,800	17,500
0215	Avalon Blvd south of US 90	1,805	7,062	13,014	17,000	18,500
2001	I-10 west of Avalon Blvd	n/a	16,101	25,458	43,000	36,500
Okaloosa AADT		1970	1980	1990	2000	2005
0018	US 98 in Destin	6,660	12,705	24,156	41,000	50,000
0088	SR 85 at Shoal River south of Crestview	3,930	6,920	15,378	25,000	35,000
0110	SR 20 at Walton County line	1,613	3,134	7,531	7,900	10,500
0122	US 90 2 miles west of SR 85 in Crestview	n/a	6,126	8,388	10,540	13,000
0260	SR 85 at Lewis Turner Blvd.	6,782	10,606	24,053	31,000	32,000
0296	Mid-Bay Bridge	n/a	n/a	n/a	15,100	21,500
0298	SR 20 at Rocky Bayou in Niceville	n/a	5,765	18,901	32,000	42,500
1603	SR 85 at Third Ave. in Crestview	5,367	8,608	12,025	19,600	25,000
1701	Beal Pkwy in Mary Esther	9,708	17,971	20,974	28,500	33,000
1705	US 98 at Mary Esther Blvd	13,714	17,894	31,184	37,000	43,401
1707	Eglin Pkwy at Garnier Bayou	n/a	30,279	40,006	45,500	51,000
1708	Mary Esther Blvd at Lovejoy Rd.	4,924	19,087	30,244	28,000	32,500
Walton AADT		1970	1980	1990	2000	2005
0141	US 98 at US 331	2,871	2,767	6,974	11,900	21,500
0168	US 98 at Okaloosa County line	n/a	n/a	14,115	37,190	47,368
0246	US 331 in Freeport	1,815	2,017	4,492	7,800	11,000
0253	US 98 at Sandestin	n/a	n/a	20,276	34,000	43,500
1502	US 90 east of SR 83 in DeFuniak	9,497	8,323	11,083	10,800	12,300
1503	US 331 south of Bob Sikes Rd	2,402	5,760	10,682	15,300	19,700

AADT = Average Annual Daily Traffic

Source: Florida Department of Transportation

Numbers based on actual counts and estimates

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for business research and economic development

Questions?

Rick Harper, Director