

## Vulnerable Population

Using the County's 2000 population, the TAOS model was able to generate a listing of the population at risk to the hazards previously described. The following tables identify the vulnerable population by hazard event.

Population in TAOS Flood Zone						
Event	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-parent
10 Year						
Wave/Current	0	0	0	0	0	0
Flood	33,966	3,932	4,873	10,169	2,302	820
None	964,982	244,113	114,800	343,448	120,570	39,395
25 Year						
Wave/Current	0	0	0	0	0	0
Flood	78,271	14,475	9,310	23,788	6,529	2,448
None	920,677	233,570	110,363	329,829	116,343	37,767
50 Year						
Wave/Current	5,406	515	521	1,505	415	142
Flood	106,148	21,674	12,179	32,715	9,425	3,527
None	887,394	225,856	106,973	319,397	113,032	36,546
100 Year						
Wave/Current	15,040	2,913	1,472	3,957	1,410	409
Flood	135,478	27,718	16,960	45,546	12,714	4,848
None	848,430	217,414	101,241	304,114	108,748	34,958

Population in TAOS Wind Zone						
Event/Damage	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-parent
10 Year						
Moderate (10 - 30%)	0	0	0	0	0	0
Light (<10%)	287,817	62,972	39,687	95,744	31,458	10,021
None	711,131	185,073	79,986	257,873	91,414	30,194
25 Year						
Moderate (10 - 30%)	0	0	0	0	0	0
Light (<10%)	998,508	248,001	119,623	353,449	122,823	40,200
None	440	44	50	168	49	15
50 Year						
Moderate (10 - 30%)	0	0	0	0	0	0
Light (<10%)	998,948	248,045	119,673	353,617	122,872	40,215
None	0	0	0	0	0	0
100 Year						
Moderate (10 - 30%)	2,082	63	323	439	25	22
Light (<10%)	996,866	247,982	119,350	353,178	122,847	40,193
None	0	0	0	0	0	0

Population in TAOS Flood Zone by Category						
Category	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-parent
1						
Wave/Current	4,163	382	377	1,159	315	99
Flood	104,817	22,487	11,745	33,579	9,977	3,680
None	889,968	225,176	107,551	318,879	112,580	36,436
2						
Wave/Current	15,918	2,256	2,118	4,827	1,506	444
Flood	148,823	29,703	18,002	48,226	13,443	5,271
None	834,207	216,086	99,553	300,564	107,923	34,500
3						
Wave/Current	40,494	6,553	4,687	11,747	3,527	1,116
Flood	152,437	33,956	19,669	52,886	16,739	6,045
None	806,017	207,536	95,317	288,984	102,606	33,054
4						
Wave/Current	67,324	10,443	9,281	20,875	5,691	1,922
Flood	178,077	44,067	22,067	62,086	20,639	7,232
None	753,547	193,535	88,325	270,656	96,542	31,061
5						
Wave/Current	80,129	14,340	11,243	26,046	7,911	2,662
Flood	173,179	42,179	21,194	60,736	19,743	6,831
None	745,640	191,526	87,236	266,835	95,218	30,722

Population in TAOS Wind Zone by Category						
Category/Damage	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-Parent
1						
Light (<10%)	998,948	248,045	119,673	353,617	122,872	40,215
Moderate (10 - 30%)	0	0	0	0	0	0
Heavy (30 - 50%)	0	0	0	0	0	0
Severe (50 - 80%)	0	0	0	0	0	0
Destroyed (80%>)	0	0	0	0	0	0
2						
Light (<10%)	872,516	218,567	104,058	310,032	108,898	35,725
Moderate (10 - 30%)	126,432	29,478	15,615	43,585	13,974	4,490
Heavy (30 - 50%)	0	0	0	0	0	0
Severe (50 - 80%)	0	0	0	0	0	0
Destroyed (80%>)	0	0	0	0	0	0
3						
Light (<10%)	0	0	0	0	0	0
Moderate (10 - 30%)	998,948	248,045	119,673	353,617	122,872	40,215
Heavy (30 - 50%)	0	0	0	0	0	0
Severe (50 - 80%)	0	0	0	0	0	0
Destroyed (80%>)	0	0	0	0	0	0
4						
Light (<10%)	0	0	0	0	0	0
Moderate (10 - 30%)	28,709	4,370	3,248	8,236	2,038	771
Heavy (30 - 50%)	838,461	205,297	100,223	295,806	102,817	34,317
Severe (50 - 80%)	131,778	38,378	16,202	49,575	18,017	5,127
Destroyed (80%>)	0	0	0	0	0	0
5						
Light (<10%)	0	0	0	0	0	0
Moderate (10 - 30%)	0	0	0	0	0	0
Heavy (30 - 50%)	1,891	142	195	761	203	60
Severe (50 - 80%)	568,264	106,310	69,932	187,377	55,836	19,944
Destroyed (80%>)	428,793	141,593	49,546	165,479	66,833	20,211

Population identified by TAOS on FEMA FIRM						
Flood Zone	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-Parent
AE	156,128	26,618	18,326	48,242	14,236	5,425
X500	45,331	10,379	4,917	14,924	4,114	1,673
X	682,025	184,527	84,403	253,083	92,375	28,585
A	99,312	24,956	9,187	32,424	11,062	4,211
VE	12,000	1,176	1,642	3,316	702	232
Undesignated	4,152	389	1,198	1,628	383	89

Population identified by TAOS subject Miscellaneous Flood Hazards						
Zone	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-Parent
None (>100 year)	986,547	245,587	118,809	350,565	121,344	39,863
Frequent (2 year)	12,401	2,458	864	3,052	1,528	352

Population identified by TAOS subject to Tornado Risk, Sinkhole Potential, Wildlife Potential, 500+ Year Tsunami Zone, and USGS 50-year Ground Motion						
Event	Affected Population	Minority	Elderly (65+)	Disabled	Below Poverty	Single-Parent
<b>Tornado Risk</b>						
1 in 200	844,778	222,147	101,839	302,519	107,061	35,659
1 in 100	154,170	25,898	17,834	51,098	15,811	4,556
<b>Sinkhole Potential</b>						
Very Low	3,582	326	1,418	1,732	436	64
Low	99,489	16,835	23,320	36,536	11,501	3,125
Medium	255,497	44,715	26,813	78,560	20,653	7,941
High	243,138	76,092	27,109	91,112	36,118	10,890
Very High	397,242	110,077	41,013	145,677	54,164	18,195
<b>Wildfire Potential</b>						
Low	763,111	204,370	91,591	278,976	101,198	33,237
Medium	59,217	11,545	6,924	21,533	6,388	1,846
High	176,620	32,130	21,158	53,108	15,286	5,132
<b>500+ Yr Tsunami Zone</b>						
Out of Zone	822,279	213,756	96,611	295,915	104,339	33,708
1 in 500	176,669	34,289	23,062	57,702	18,533	6,507
<b>USGS 50-yr Ground</b>						

Motion						
Minimal (0.01g)	958,213	237,876	113,895	337,223	117,018	38,699
Very Low (0.02g)	40,735	10,169	5,778	16,394	5,854	1,516

