

TABLE E
apportionment1_1990Pop.xls

Using Official 1990 State populations											
State	Population	Compare To 1980	Seats	Change	Gain a Seat	Lose a Seat	Last Seat Given	Next Seat At	Ideal Size	Raw Deviation	Percent Deviation
Alabama	4,062,608	7	7	0	248,151	337,171	401	456	580,373	7,906	1.38%
Alaska	551,947	1	1	0			at large	622	551,947	-20,519	-3.58%
Arizona	3,677,985	5	6	1	55,242	529,416	374	442	612,998	40,531	7.08%
Arkansas	2,362,239	4	4	0	213,933	370,909	368	471	590,560	18,094	3.16%
California	29,839,250	45	52	7	401,971	236,002	428	440	573,832	1,366	0.24%
Colorado	3,307,912	6	6	0	425,315	159,343	414	484	551,319	-21,148	-3.69%
Connecticut	3,295,669	6	6	0	437,558	147,100	417	490	549,278	-23,188	-4.05%
Delaware	668,696	1	1	0			at large	523	668,696	96,230	16.81%
Florida	13,003,362	19	23	4	530,734	72,489	432	454	565,364	-7,103	-1.24%
Georgia	6,508,419	10	11	1	109,885	479,369	405	443	591,674	19,208	3.36%
Hawaii	1,115,274	2	2	0	295,754	302,317	318	542	557,637	-14,829	-2.59%
Idaho	1,011,986	2	2	0	399,042	199,029	352	594	505,993	-66,473	-11.61%
Illinois	11,466,682	22	20	-2	338,818	260,843	423	447	573,334	868	0.15%
Indiana	5,564,228	10	10	0	477,429	110,747	424	469	556,423	-16,043	-2.80%
Iowa	2,787,424	6	5	-1	367,729	216,629	402	489	557,485	-14,981	-2.62%
Kansas	2,485,600	5	4	-1	90,572	494,270	351	451	621,400	48,934	8.55%
Kentucky	3,698,969	7	6	-1	34,258	550,400	372	439	616,495	44,029	7.69%
Louisiana	4,238,216	8	7	-1	72,543	512,779	386	444	605,459	32,993	5.76%
Maine	1,233,223	2	2	0	177,805	420,266	290	496	616,612	44,145	7.71%
Maryland	4,798,622	8	8	0	89,320	496,858	393	446	599,828	27,362	4.78%
Massachusetts	6,029,051	11	10	-1	12,606	575,570	396	436	602,905	30,439	5.32%
Michigan	9,328,784	18	16	-2	171,666	423,286	416	445	583,049	10,583	1.85%
Minnesota	4,387,029	8	8	0	500,913	85,265	425	481	548,379	-24,088	-4.21%
Mississippi	2,586,443	5	5	0	568,710	15,648	430	524	517,289	-55,178	-9.64%
Missouri	5,137,804	9	9	0	327,081	260,062	412	458	570,867	-1,599	-0.28%
Montana	803,655	2	1	-1			at large	441	803,655	231,189	40.38%
Nebraska	1,584,617	3	3	0	410,877	176,535	388	539	528,206	-44,261	-7.73%
Nevada	1,206,152	2	2	0	204,876	393,195	295	507	603,076	30,610	5.35%
New Hampshire	1,113,915	2	2	0	297,113	300,958	320	545	556,958	-15,509	-2.71%
New Jersey	7,748,634	14	13	-1	22,697	568,792	407	437	596,049	23,583	4.12%
New Mexico	1,521,779	3	3	0	473,715	113,697	404	563	507,260	-65,207	-11.39%
New York	18,044,505	34	31	-3	98,765	514,014	420	438	582,081	9,615	1.68%
North Carolina	6,657,630	11	12	1	537,225	53,136	427	466	554,803	-17,664	-3.09%
North Dakota	641,364	1	1	0			at large	547	641,364	68,898	12.04%
Ohio	10,887,325	21	19	-2	341,945	256,532	422	449	573,017	551	0.10%
Oklahoma	3,157,604	6	6	0	575,623	9,035	434	512	526,267	-46,199	-8.07%
Oregon	2,853,733	5	5	0	301,420	282,938	395	477	570,747	-1,720	-0.30%
Pennsylvania	11,924,710	23	21	-2	457,002	143,843	426	453	567,843	-4,623	-0.81%
Rhode Island	1,005,984	2	2	0	405,044	193,027	353	600	502,992	-69,474	-12.14%
South Carolina	3,505,707	6	6	0	227,520	357,138	394	460	584,285	11,818	2.06%
South Dakota	699,999	1	1	0			at large	502	699,999	127,533	22.28%
Tennessee	4,896,641	9	9	0	568,244	18,899	433	482	544,071	-28,395	-4.96%
Texas	17,059,805	27	30	3	507,340	104,241	429	448	568,660	-3,806	-0.66%
Utah	1,727,784	3	3	0	267,710	319,702	357	500	575,928	3,462	0.60%
Vermont	564,964	1	1	0			at large	610	564,964	-7,502	-1.31%
Virginia	6,216,568	10	11	1	401,736	187,518	419	459	565,143	-7,324	-1.28%
Washington	4,887,941	8	9	1	576,944	10,199	435	483	543,105	-29,362	-5.13%
West Virginia	1,801,625	4	3	-1	193,869	393,543	346	478	600,542	28,075	4.90%
Wisconsin	4,906,745	9	9	0	558,140	29,003	431	480	545,194	-27,272	-4.76%
Wyoming	455,975	1	1	0			at large	741	455,975	-116,491	-20.35%
Washington DC		0									
US Total	249,022,783		435						572,466		
			435					Median =	570,807		
Other Inputs:	Seats to Apportion							Min =	455,975	-116,491	-20.35
	435 Max Seats to Calculate							Max =	803,655	231,189	40.38
	60 States							Total Dev			60.73
	50										
<input type="checkbox"/>	Include Washington DC							At Large States only			
								Min =	455,975	-116,491	-20.35
								Max =	803,655	231,189	40.38
								Total Dev			60.73
								Multiple District States only			
								Min =	502,992	-69,474	-12.14
								Max =	621,400	48,934	8.55
								Total Dev			20.68