

TABLE E  
apportionment1\_1970Pop.xls

Using Official 1970 State populations											
State	Population	Compare To 1960	Seats	Change	Gain a Seat	Lose a Seat	Last Seat Given	Next Seat At	Ideal Size	Raw Deviation	Percent Deviation
Alabama	3,475,885	8	7	-1	56,562	417,031	381	443	496,555	27,467	5.86%
Alaska	304,067	1	1	0			at large	862	304,067	-165,021	-35.18%
Arizona	1,787,620	3	4	1	323,421	152,594	397	515	446,905	-22,183	-4.73%
Arkansas	1,942,303	4	4	0	168,738	307,277	364	472	485,576	16,488	3.51%
California	20,098,863	38	43	5	433,652	40,615	434	445	467,415	-1,673	-0.36%
Colorado	2,226,771	4	5	1	358,716	115,962	413	506	445,354	-23,734	-5.06%
Connecticut	3,050,693	6	6	0	8,496	465,490	365	437	508,449	39,361	8.39%
Delaware	551,928	1	1	0			at large	525	551,928	82,840	17.66%
Florida	6,855,702	12	15	3	457,157	15,896	433	461	457,047	-12,041	-2.57%
Georgia	4,627,306	10	10	0	323,523	149,602	423	465	462,731	-6,358	-1.36%
Hawaii	784,901	2	2	0	371,364	117,405	367	617	392,451	-76,638	-16.34%
Idaho	719,921	2	2	0	436,344	52,425	400	665	359,961	-109,128	-23.26%
Illinois	11,184,320	24	24	0	378,325	95,032	432	451	466,013	-3,075	-0.66%
Indiana	5,228,156	11	11	0	195,206	277,868	411	452	475,287	6,199	1.32%
Iowa	2,846,920	7	6	-1	212,269	261,717	395	466	474,487	5,399	1.15%
Kansas	2,265,846	5	5	0	319,641	155,037	404	494	453,169	-15,919	-3.39%
Kentucky	3,246,481	7	7	0	285,966	187,627	408	473	463,783	-5,305	-1.13%
Louisiana	3,672,008	8	8	0	333,410	139,948	420	474	459,001	-10,087	-2.15%
Maine	1,006,320	2	2	0	149,945	338,824	294	498	503,160	34,072	7.26%
Maryland	3,953,698	8	8	0	51,720	421,638	387	441	494,212	25,124	5.36%
Massachusetts	5,726,676	12	12	0	169,140	303,907	412	448	477,223	8,135	1.73%
Michigan	8,937,196	19	19	0	264,617	208,544	426	449	470,379	1,291	0.28%
Minnesota	3,833,173	8	8	0	172,245	301,113	398	454	479,147	10,059	2.14%
Mississippi	2,233,848	5	5	0	351,639	123,039	409	503	446,770	-22,319	-4.76%
Missouri	4,718,034	10	10	0	232,795	240,330	415	456	471,803	2,715	0.58%
Montana	701,573	2	2	0	454,692	34,077	418	678	350,787	-118,302	-25.22%
Nebraska	1,496,820	3	3	0	138,385	340,682	337	477	498,940	29,852	6.36%
Nevada	492,396	1	1	0			at large	576	492,396	23,308	4.97%
New Hampshire	746,284	2	2	0	409,981	78,788	389	644	373,142	-95,946	-20.45%
New Jersey	7,208,035	15	15	0	104,824	368,229	414	442	480,536	11,448	2.44%
New Mexico	1,026,664	2	2	0	129,601	359,168	282	486	513,332	44,244	9.43%
New York	18,338,055	41	39	-2	306,150	167,917	430	444	470,207	1,118	0.24%
North Carolina	5,125,230	11	11	0	298,132	174,942	422	459	465,930	-3,158	-0.67%
North Dakota	624,181	2	1	-1			at large	464	624,181	155,093	33.06%
Ohio	10,730,200	24	23	-1	360,300	113,015	429	450	466,530	-2,558	-0.55%
Oklahoma	2,585,486	6	6	0	473,703	283	435	516	430,914	-38,174	-8.14%
Oregon	2,110,810	4	4	0	231	475,784	341	436	527,703	58,614	12.50%
Pennsylvania	11,884,314	27	25	-2	150,469	322,932	424	440	475,373	6,284	1.34%
Rhode Island	957,798	2	2	0	198,467	290,302	308	524	478,899	9,811	2.09%
South Carolina	2,617,320	6	6	0	441,869	32,117	428	511	436,220	-32,868	-7.01%
South Dakota	673,247	2	2	0	483,018	5,751	431	705	336,624	-132,465	-28.24%
Tennessee	3,961,060	9	8	-1	44,358	429,000	386	439	495,133	26,044	5.55%
Texas	11,298,787	23	24	1	263,858	209,499	427	446	470,783	1,695	0.36%
Utah	1,067,810	2	2	0	88,455	400,314	274	471	533,905	64,817	13.82%
Vermont	448,327	1	1	0			at large	624	448,327	-20,761	-4.43%
Virginia	4,690,742	10	10	0	260,087	213,038	419	458	469,074	-14	0.00%
Washington	3,443,487	7	7	0	88,960	384,633	385	447	491,927	22,839	4.87%
West Virginia	1,763,331	5	4	-1	347,710	128,305	401	521	440,833	-28,255	-6.02%
Wisconsin	4,447,013	10	9	-1	31,181	442,033	391	438	494,113	25,024	5.33%
Wyoming	335,719	1	1	0			at large	799	335,719	-133,369	-28.43%
Washington DC		0									
US Total	204,053,325		435						469,088		
			435					Median =	470,293		
Other Inputs:	Seats to Apportion							Min =	304,067	-165,021	-35.18
	435 Max Seats to Calculate							Max =	624,181	155,093	33.06
	50 States							Total Dev			68.24
	50										
<input type="checkbox"/>	Include Washington DC							At Large States only			
								Min =	304,067	-165,021	-35.18
								Max =	624,181	155,093	33.06
								Total Dev			68.24
								Multiple District States only			
								Min =	350,787	-118,302	-25.22
								Max =	533,905	64,817	13.82
								Total Dev			39.04