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APPENDIX N

NEW EXTRACTION DATA BASED ON UPDATED
MILITARY NON-PERMANENT RESIDENTS NUMBERS

Hawaii Population Base – using 12/31/2021 DMDC data

Hawaii Population Base using June 2, 2020 military dataset - as adopted

Federal Population Base 1,455,271 U.S. Census residents

Statewide extraction of 64,415 military non-permanent residents
Statewide extraction of 7,250 university non-permanent residents

Hawaii Population Base 1,383,606 Hawaii permanent residents
55,344 Statewide Senate ideal population
27,129 Statewide House ideal population
18,205 Statewide Senate+House ideal population

Federal Population Base by Basic Island Unit

Oahu	1,016,508
Hawaii	200,629
Maui	164,836
Kauai	73,298

Hawaii Population Base by Basic Island Unit

Oahu	945,909	using military extraction of	64,010
		and university extraction of	6,589
Hawaii	200,090	using military extraction of	40
		and university extraction of	499
Maui	164,610	using military extraction of	117
		and university extraction of	109
Kauai	72,997	using military extraction of	248
		and university extraction of	53

State Senate Seats and Ideal Population by Basic Island Unit

Oahu	17	target = 55,642
Hawaii	4	target = 50,023
Maui	3	target = 54,870
Kauai	1	target = 72,998

State House Seats and Ideal Population by Basic Island Unit

Oahu	35	target = 27,026
Hawaii	7	target = 28,584
Maui	6	target = 27,435
Kauai	3	target = 24,332

State Senate+House (in totality) Seats and Ideal Population by Basic Island Unit

Oahu	52	target = 18,190	% deviation = -0.08%
Hawaii	11	target = 18,190	% deviation = -0.08%
Maui	9	target = 18,290	% deviation = 0.47%
Kauai	4	target = 18,249	% deviation = 0.24%

maximum deviation = 0.47%
minimum deviation = -0.08%

overall (total) deviation = 0.55%

Hawaii Population Base using December 31, 2021 military dataset - all rows

Federal Population Base 1,455,271 U.S. Census residents

Statewide extraction of 99,967 military non-permanent residents
Statewide extraction of 7,250 university non-permanent residents

Hawaii Population Base 1,348,054 Hawaii permanent residents
53,922 Statewide Senate ideal population
26,432 Statewide House ideal population
17,737 Statewide Senate+House ideal population

Federal Population Base by Basic Island Unit

Oahu	1,016,508
Hawaii	200,629
Maui	164,836
Kauai	73,298

Hawaii Population Base by Basic Island Unit

Oahu	910,521	using military extraction of	99,398
		and university extraction of	6,589
Hawaii	199,990	using military extraction of	140
		and university extraction of	499
Maui	164,539	using military extraction of	188
		and university extraction of	109
Kauai	73,004	using military extraction of	241
		and university extraction of	53

State Senate Seats and Ideal Population by Basic Island Unit

Oahu	17	target = 53,560
Hawaii	4	target = 49,998
Maui	3	target = 54,846
Kauai	1	target = 73,004

State House Seats and Ideal Population by Basic Island Unit

Oahu	34	target = 26,780
Hawaii	8	target = 24,999
Maui	6	target = 27,423
Kauai	3	target = 24,335

State Senate+House (in totality) Seats and Ideal Population by Basic Island Unit

Oahu	51	target = 17,853	% deviation = 0.65%
Hawaii	12	target = 16,665	% deviation = -6.04%
Maui	9	target = 18,282	% deviation = 3.07%
Kauai	4	target = 18,251	% deviation = 2.89%

maximum deviation = 3.07%
minimum deviation = -6.04%

overall (total) deviation = 9.11%