

Exhibit 2.2 Year(2009) to Year(2010) Detailed Derivation of Estimated Homeless Count¹
Site: 2009 (All) - Idaho Balance of State
Comparison Site: 2010 (All) - Idaho Balance of State

Step	Description	Source	Persons in Families in Emergency Shelters				Persons in Families in Transitional Housing				Individuals in Emergency Shelters				Individuals in Transitional Housing			
			2009 All Idaho Balance of State	2010 All Idaho Balance of State	Change	%	2009 All Idaho Balance of State	2010 All Idaho Balance of State	Change	%	2009 All Idaho Balance of State	2010 All Idaho Balance of State	Change	%	2009 All Idaho Balance of State	2010 All Idaho Balance of State	Change	%
1	Unduplicated number of persons in participating in HMIS	HMIS data from providers that participate in HMIS	442	520	18%	532	515	-3%		952	915	-4%	214	267	25%	Persons		
2	Number of emergency, year-round equivalent beds in HMIS (i.e., bed capacity for participating providers)	SuperNOFA Housing Inventory Chart	62	66	6%	318	305	-4%		95	91	-4%	90	142	58%	Beds		
3	Average number of clients served per bed	Step 1 ÷ Step 2	7.13	7.88	11%	1.67	1.69	1%		10.02	10.05	0%	2.38	1.88	-21%	Persons per Bed		
4	Number of year-round equivalent beds for not participating in HMIS (i.e., bed capacity for non-participating providers)	SuperNOFA Housing Inventory Chart	6	6	0%	64	100	56%		51	72	41%	87	20	-77%	Beds		
5	Estimated unduplicated number of persons served by providers that do not participate in HMIS	Step 3 x Step 4	43	47	11%	107	169	58%		511	724	42%	207	38	-82%	Persons		
6	Estimated number of persons served by participating and non-participating Providers. Note that this estimate double counts people who use participating and non-participating providers. This double count will be eliminated by the overlap adjustment below.	Step 1 + Step 5	485	567	17%	639	684	7%		1,463	1,639	12%	421	305	-28%	Persons		
7	Overlap factor is the square of [(Bed capacity for HMIS non-participating providers) / (Bed capacity for HMIS participating providers)]	(Step 4 ÷ Step 2) x (Step 4 ÷ Step 2)	0.01	0.01	-12%	0.04	0.11	165%		0.29	0.63	117%	0.93	0.02	-98%	is overlap factor		
8	Number of persons who used more than one HMIS participating provider in the category	HMIS data from providers that participate in HMIS	0	1	n/a	11	8	-27%		25	28	12%	3	1	-67%	Persons		
9	Estimated number of persons in families that used both participating and non-participating providers	Step 7 x Step 8	0	0	n/a	0	1	93%		7	18	143%	3	0	-99%	is overlap (cross-over) adjustment		
10	Total estimate of number persons that used either HMIS participating or non-participating Emergency Shelter	Step 6 – Step 9	485	567	17%	639	683	7%		1,456	1,621	11%	418	305	-27%	Persons		
11	Extrapolation Factor for non-participating providers: This is the factor applied to calculations that are based only on participating providers. It is used to estimate total number of persons served by participating and non-participating providers.	Step 10 ÷ Step 1	1.0968	1.0909	-1%	1.2004	1.3262	10%		1.5293	1.7721	16%	1.9536	1.1408	-42%	is the extrapolation factor for non-participating providers.		
12	HMIS bed coverage rate	Step 2 ÷ (Step 2 + Step 4)	91%	92%	1%	83%	75%	-10%		65%	56%	-14%	51%	88%	72%	% of beds participating in the HMIS		
	Point-In-Time Extrapolation Factor: This is the factor applied to																	

calculations that are based only on participating providers. It is used to estimate total number of persons served by participating and non-participating providers for values that report Point-in-time numbers. Step 6 ÷ Step 1 = 1.0968 1.0909 -1% 1.2013 1.3279 11% 1.5368 1.7912 17% 1.9667 1.1408 -42% is the extrapolation factor for point-in-time counts.

1.0968	1.0909	-1%	1.2013	1.3279	11%	1.5368	1.7912	17%	1.9667	1.1408	-42%
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* The difference in values shown may not equal the 'Percent Change' column due to rounding.

¹ This reports provides estimates of the homeless individuals and persons in families in Emergency Shelter and transitional housing programs that participate in HMIS, as well as those that do not participate in HMIS. The estimate is an "extrapolated count" and is based on the assumption that beds located in programs that do not participate in HMIS are occupied at the same rate as beds located in HMIS-participating programs. The complete derivation of the total extrapolation factors is detailed in the next table.

Adding values across categories will double count persons who appeared in multiple types of programs.

The estimates do not include persons that are served by "victim service providers," including rape crisis centers, battered women's shelters, domestic violence transitional housing programs, and other programs whose primary mission is to provide services to victims of domestic violence, dating violence, sexual assault, or stalking.

² These results are generated by multiplying the HMIS data by the Extrapolation Factor (Step 11, in table 2.)

³ These values are generated by multiplying the HMIS data by the Point-In-Time Extrapolation Factor (Step 13, in table 2.)

⁴ These results are generated by multiplying the HMIS data by the Extrapolation Factor (Step 11, in table 2.)

⁵ These values are generated by multiplying the HMIS data by the Point-In-Time Extrapolation Factor (Step 13, in table 2.)

⁶ These results are generated by dividing the HMIS data on persons on an average night by the total beds in HMIS.

⁷ These results represent the average number of people who use each bed. It is generated by dividing the unduplicated count of persons recorded in HMIS, by the total number of beds in HMIS

⁸ These results are generated by multiplying the HMIS data by the Extrapolation Factor (Step 11, in table 2.)

* This value is generated by multiplying the sum of the extrapolated number of persons in each category by an overlap factor, which accounts for persons who use multiple categories. This value is based on the overlap rates among participating programs and adjusted to account for possible overlap in non-participating providers. In this site the adjustment factor is: (1.0000 in 2009), (1.0000 in 2010) For the PT. These values are generated by adding the point in time counts across categories. It is assumed that persons do not appear in multiple programs on the same night.

**Data in this category did not meet minimum participation criteria for participation in HUD's Annual Homeless Assessment Report.

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