

IDEA-NW Project Linkages

as of February 28, 2013

Data source	Date	Cases sent for linkage	Matches	Number (%) misclassified among matches	Percent of misclassified coded as White	Percent of misclassified with unknown or missing race	AI/AN in database prior to linkage	AI/AN in database after linkage	Percent increased ascertainment of AI/AN	Misclassification prevalence among all post-linkage AI/AN
Idaho										
Cancer registry ¹ , 1992-2009	5/25/2011	111,043	520	203 (39.0%)	97.0%	2.0%	454	657	44.7%	30.9%
Births, 2006-2010	2/9/2012	117,473	1,142	217 (19.0%)	92.2%	0%	2,456	2,673	8.8%	8.1%
Deaths, 2006-2010	2/9/2012	52,002	462	59 (12.8%)	94.9%	3.4%	602	708	17.6%	8.3%
Cancer registry ¹ , 1992-2010	8/28/2012	107,593	574	223 (38.9%)	96.0%	2.7%	508	731	43.9%	30.5%
Communicable diseases ² , 2005 onward	8/29/2012	31,837	518	511 (98.6%)	2	2	2	2	2	2
Trauma registry, 2007-2010	8/30/2012	12,930	201	97 (48.3%)	76.3%	19.6%	140	237	69.3%	40.9%
Oregon										
STD/HIV, 2000-2009	11/5/2010	179,367	2,019	959 (47.5%)	70.2%	20.5%	2,007	2,966	47.8%	32.3%
Medicaid ³ , all medical clients since 1/1/2002	9/2011	³	14,513	8,032 (55.3%)	15.0%	10.1%	10,782	18,814	74.5%	42.7%
Cancer registry ⁴ , 2009-2010	9/28/2011	36,307	199	94 (47.2%)	92.6%	7.4%	239	333	39.3%	28.2%
Births ⁵ , 2006-2010	10/6/2011	242,039	3,226	856 (26.5%)	91.5%	0.2%	6,003	6,859	14.3%	12.5%
Deaths, 2006-2010	10/6/2011	153,564	1,129	261 (23.1%)	97.7%	0.4%	1,756	2,017	14.9%	12.9%
Orpheus ⁶ , 2000-2012	12/14/2012	179,367	2,295	1,466 (63.9%)	37.1%	59.7%	6	6	6	6
Orpheus ⁶ , all records as of 10/10/11	10/24/2011	301,345	4,664	2,771 (59.4%)	46.1%	47.6%	6	6	6	6
Childhood blood lead registry, 2005-2010	7/11/2011	91,836	788	482 (61.2%)	14.1%	84.9%	1,568	2,050	30.7%	23.5%
Deaths, 2011	8/13/2012	32,762	243	63 (25.9%)	93.7%	0	374	437	16.8%	14.4%
Hospital discharge, 2009-2011	9/7/2012	1,120,863	7,619	4,166 (54.7%)	69.8%	17.2%	31,006	35,172	13.4%	11.8%
Washington										
CHARS (hospital discharge), 2010	6/27/2011	746,029	8,043	3,937 (49.0%)	58.4%	35.1%	9,794	12,268	25.3%	32.1%
Deaths, 1980-2010	6/30/2011	1,207,305	8,896	1,478 (16.6%)	94.1%	0.4%	14,426	15,904	10.2%	9.3%
Cancer registry ⁷ , 1992-2010	10/17/2011	590,240	3,759	7	7	7	7	7	7	7
Trauma registry, 2005-2009	7/20/2012	111,825	2,254	1,265 (56.1%)	64.7%	19.1%	1,178	3,043	71.1%	41.6%
CHARS (hospital discharge), 2011	8/24/2012	738,406	8,144	3,660 (44.9%)	62.1%	30.3%	10,812	13,290	22.9%	27.5%

¹ Match & misclassification numbers reported are cumulative across all NPAIHB linkages with the Cancer Data Registry of Idaho

² No analytic data set retained at this time. Misclassification results will be reported following data entry by Idaho staff

³ Match completed by DMAP staff; total records sent for linkage is unknown. Very limited dataset retained by NPAIHB

⁴ Earlier diagnosis years had been previously corrected

⁵ Match completed with moms' identifiers. Race collection/coding changed between 2007 and 2008 from single to multiple race reporting. For 2008-2010 data we used any mention of AI/AN as an AI/AN record.

⁶ Communicable disease data system. We did not retain a data file for analysis following this linkage so we are unable to report on AI/ANs coded in Orpheus but not matched to the Tribal Registry; DHS should have this information.

⁷ We linked with WSCR so their data could be corrected prior to the annual call for data and release of annual statistical files. We have not yet received an analytic data set.