



TO: Area Directors  
Area Statistical Officers  
Area Planning Officers

DEC 18 2008

FROM: Director  
Office of Public Health Support

SUBJECT: Final User Population Estimates — FY 2008

Fiscal Year 2008 (FY) user population estimates are finalized and the official estimates have been included in the attached tables. These estimates are the result of a collaborative effort among the staff of the Office of Public Health Support (OPHS) Division of Program Statistics (DPS) at Headquarters, the Area Statistical Officers, the Office of Information Technology (OIT) National Patient Information Reporting System (NPIRS), and Area staff communicating with Tribes to reconcile and validate the data. Release of the final estimates follows Area review and consultation with the Tribes. These estimates were produced according to the established statistical concept of user population that has been used in prior years, i.e., an unduplicated count by residence of Indian registrants who have had a direct or contract inpatient, ambulatory, or dental encounter with the health system during the last three years.

The attached tables contain the final user population estimates (last column) and the data used in developing the estimates. Comments from the Areas were taken into account when finalizing the estimates. A description of the columns is also attached.

These user population estimates reflect the issues discussed in Dr. Grim's December 10, 2003, letter that user counts will be based on individually identifiable registration and encounter data received in NPIRS repositories in OIT Albuquerque. The only additions made this year are to Trenton Indian Service Area, the Mashpee Wampanoag Tribe, and the Tuscarora Nation. These are based on agreements negotiated with the respective Area directors. Any questions can be directed to, Edna Paisano, Director, Division of Program Statistics, Office of Public Health Support, IHS Headquarters and Kirk Greenway, Senior Statistician, Patient Care Statistics, DPS, OPHS. They can be reached at (301) 443-1180 or by e-mail at [edna.paisano@ihs.gov](mailto:edna.paisano@ihs.gov) and [kirk.greenway@ihs.gov](mailto:kirk.greenway@ihs.gov).

I would like to thank everyone who contributed to the production of user population estimates while specifically recognizing the NPIRS staff whose outstanding work with Area staff and Headquarters DPS resolved technical system problems for several sites. Your combined diligence to the task and your dedication to American Indian and Alaska Native healthcare are very much appreciated.

*(for) Mary Beth Skupien, Ph.D.*  
Richard M. Church, Pharm. D.  
Director

Attachments

## Description of the Table Columns in the FY 2008 User Population Table Revision

### Column 1, Indian Registrants —

This is the total count of Indian registrants that were in the Indian Health Service (IHS) National Patient Information Reporting System (NPIRS) Patient Registration data base as of September 30, 2007. The registrants were tabulated by their service unit of residence.

A registrant is considered Indian if (1) the Tribe Code is designated as “Indian”; or (2) the Tribal designation is “unspecified”, and - the classification and/or the Indian blood quantum code is “Indian”.

### Column 2, Active Indian Registrants —

This is the count of Indian Registrants in the NPIRS data base who had at least one direct or contract inpatient stay, ambulatory care visit or dental visit between October 1, 2004 and September 30, 2007.

### Column 3, Indian User Population Estimate —

This is, in most cases, the same as the number of Active Indian Registrants shown in Column 2. Exceptions occur when there was less than three years of workload data for a facility, a service unit, or a Tribe. In the case of where a computerized medical record system other than the Resource Patient Management System (RPMS) and a plan of action to transmit electronic registry and encounter files quarterly exists, the final FY 2007 user population count was used for FY 2008.

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b><u>FY 2008 Indian Registrants</u></b>	<b><u>FY 2008 Active Indian Registrants</u></b>	<b><u>FY 2008 Indian User Population Estimates</u></b>
<b>All Areas</b>	<b>2,365,555</b>	<b>1,460,095</b>	<b>1,483,423</b>
Aberdeen	198,012	120,423	120,639
Alaska	192,041	135,946	136,065
Albuquerque	151,606	85,778	85,778
Bemidji	149,624	100,916	101,022
Billings	118,356	70,507	70,507
California	130,855	76,505	77,532
Nashville	55,445	37,717	51,399
Navajo	353,253	234,182	239,814
Oklahoma	540,653	315,777	316,940
Phoenix	254,579	156,803	156,803
Portland	174,560	100,307	101,690
Tucson	46,571	25,234	25,234

December 18, 2008

IHS User Population Estimates by Area and Service Unit - FY 2008

	<u>FY 2008 Indian Registrants</u>	<u>FY 2008 Active Indian Registrants</u>	<u>FY 2008 Indian User Population Estimates</u>
<b>Aberdeen Area - Total</b>	198,012	120,423	120,639
Cheyenne River	11,975	7,848	7,848
Crow Creek	6,295	3,760	3,760
Flandreau-Santee Sioux*	3,849	1,699	1,699
Fort Berthold	9,847	5,666	5,666
Lower Brule	3,075	2,049	2,049
Northern Ponca*	4,689	2,655	2,655
Omaha*	6,266	3,529	3,529
Pine Ridge	33,406	20,900	20,900
Rapid City	23,812	13,891	13,891
Rosebud	20,159	12,087	12,087
Sac and Fox*	2,596	1,805	1,805
Sisseton-Wahpeton	11,108	6,138	6,138
Spirit Lake	8,327	5,217	5,217
Standing Rock	15,120	9,014	9,014
Trenton*	2,130	1,640	1,856 1/
Turtle Mountain	18,740	12,853	12,853
Winnebago	8,647	4,792	4,792
Yankton-Wagner	7,971	4,880	4,880

\*Trially Operated Service Unit

1/ Users added (216) from Richland, Roosevelt, and Sheridan counties of Montana based upon an agreement among the Aberdeen and Billings Area offices and the Tribe following statistics produced in the User Pop Trenton Crossover Table for FY 2006

December 18, 2008

IHS User Population Estimates by Area and Service Unit - FY 2008

	<b><u>FY 2008 Indian Registrants</u></b>	<b><u>FY 2008 Active Indian Registrants</u></b>	<b><u>FY 2008 Indian User Population Estimates</u></b>
<b>Alaska Area - Total</b>	<b>192,041</b>	<b>135,946</b>	<b>136,065</b>
Anchorage*	80,499	56,551	56,703 1/
Annette Is. Ind. Res.*	2,011	1,390	1,390
Barrow*	6,154	4,288	4,287 2/
Bristol Bay Area*	7,577	5,246	5,245 3/
Interior Alaska*	21,999	13,106	13,106
Kotzebue*	9,635	6,946	6,936 4/
Mount Edgecumbe*	23,612	15,644	15,642 5/
Norton Sound*	10,256	8,265	8,260 6/
Yukon-Kuskokwim-Delta*	30,298	24,510	24,496 7/

\*Tribally Operated Service Unit

1/ Export files exported by the deadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 152 users added.

2/ Export files exported by the deadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 1 user was subtracted.

3/ Export files exported by the dewadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 1 user subtracted.

4/ Export files exported by the deadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 10 users subtracted.

5/ Export files exported by the deadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 2 users subtracted.

6/ Export files exported by the deadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 5 users subtracted.

7/ Export files exported by the deadline from Alaska Area facilities but not imported properly into the NDW were later analyzed in a supplemental table. 14 users subtracted.

December 18, 2008

IHS User Population Estimates by Area and Service Unit - FY 2008

	<b>FY 2008 Indian <u>Registrants</u></b>	<b>FY 2008 Active Indian <u>Registrants</u></b>	<b>FY 2008 Indian User Population <u>Estimates</u></b>
<b>Albuquerque Area - Total</b>	<b>151,606</b>	<b>85,778</b>	<b>85,778</b>
Albuquerque	67,071	31,832	31,832
Acoma-Canoncito-Laguna	17,119	11,149	11,149
Mescalero	6,533	4,577	4,577
Santa Fe	24,475	14,927	14,927
Zuni-Ramah	14,847	10,724	10,724
Southern Colorado	11,087	5,665	5,665
Ysleta Del Sur *	1,572	1,162	1,162
Jicarilla	5,080	3,567	3,567
Taos-Picuris	3,822	2,175	2,175

\*Tribally Operated Service Unit

December 18, 2008

IHS User Population Estimates by Area and Service Unit - FY 2008

	<u>FY 2008 Indian Registrants</u>	<u>FY 2008 Active Indian Registrants</u>	<u>FY 2008 Indian User Population Estimates</u>
<b>Bemidji Area - Total</b>	<b>149,624</b>	<b>100,916</b>	<b>101,022</b>
Central Wisconsin*	33,187	24,310	24,310
Eastern Michigan*	35,258	22,543	22,626 1/2/
Fond du Lac*	10,396	6,371	6,371
Grand Portage*	615	409	409
Greater Leech Lake	15,019	9,980	9,980
Mille Lacs*	3,479	2,298	2,298
Minnesota River*	3,643	2,280	2,280
Nett Lake*	2,309	1,310	1,310
Nicolet*	6,014	4,384	4,384
NW Wisconsin*	13,355	8,610	8,610
Red Lake	10,096	7,550	7,566 3/
Western Michigan*	4,603	2,908	2,914 4/
White Earth	11,650	7,963	7,964 5/

\*Tribally Operated Service Unit

1/ Reallocated because of a county split between two Eastern Michigan Service Unit Tribes (Sault Ste. Marie and Little Traverse) and one Western Michigan Service Unit Tribe (Hannahville). Agreed upon split was based on actual patient visit data from tribal databases, November 1998. Eastern Michigan: 22,543 Active Indian Registrants plus (see footnote 2) 88 Non Service Unit users allocated minus reallocation of Delta County for Hannahville (-5)

2/ Reallocated 88 for the following for Service Unit 00 Counties which belong to this service unit: 22 for Kalamazoo County, 21 for Newaygo County, 45 for Cheboygan County. Subtract 5 from Eastern Michigan for Western Michigan for Delta County - See footnote 1/ above.

3/ Reallocated 16 to Red Lake Service Unit for users in Koochiching County listed in Service Unit 18-32.

4/ Reallocated 5 from Delta County to Western Michigan Service Unit - see footnotes 1/ and 2/ above. Added 1 for Non Service Unit County which belongs to this service unit (Houghton County). Western Michigan: 2,908 Active Indian Registrants plus 5 from Eastern Michigan Service Unit plus 1 from Houghton County.

5/ Reallocated 1 to White Earth Service Unit for users in Becker County listed in Service Unit 18-35

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b><u>FY 2008 Indian Registrants</u></b>	<b><u>FY 2008 Active Indian Registrants</u></b>	<b><u>FY 2008 Indian User Population Estimates</u></b>
<b>Billings Area - Total</b>	<b>118,356</b>	<b>70,507</b>	<b>70,507</b>
Blackfeet	18,180	11,423	11,423
Crow	20,760	13,046	13,046
Flathead*	19,989	10,918	10,918
Fort Belknap	7,779	4,796	4,796
Fort Peck	15,498	8,521	8,521
Northern Cheyenne	11,126	6,456	6,456
Rocky Boy's*	7,636	4,772	4,772
Wind River	17,388	10,575	10,575

\*Tribally Operated Service Unit



December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b>FY 2008 Indian <u>Registrants</u></b>	<b>FY 2008 Active Indian <u>Registrants</u></b>	<b>FY 2008 Indian User Population <u>Estimates</u></b>
<b>California Area - Total</b>	<b>130,855</b>	<b>76,505</b>	<b>77,532</b>
Cabazon*	15	9	9
Central Valley I.H.P.*	10,003	6,642	6,576 1/
Chapa De I.H.P.*	8,570	5,248	5,248
Colusa T.H.P. *	264	96	96
Consolidated T.H.P. *	3,968	2,571	2,571
Feather River Tribal Health *	6,639	4,054	4,054
Greenville *	2,372	1,228	1,228
Hoopla Health Association *	4,696	2,873	2,873
Indian Health Council *	7,694	4,359	4,359
Karuk T.H.P. *	3,390	1,882	1,882
Lake County I.H.P. *	2,787	1,942	1,942
MACT Health Board	3,325	2,175	2,175
Modoc I.H.P. *	374	173	173
Northern Valley I.H., Inc. *	3,125	1,997	1,997
Pit River I.H. Consort. *	1,367	926	926
Quartz Valley *	267	144	144
Redding Rancheria I.H.P. *	3,962	2,677	3,704 2/
Riverside-San Bernardino *	25,718	12,546	12,546
Round Valley I.H.P. *	1,723	1,315	1,315
Santa Ynez I.H.P. *	1,614	925	925
Shingle Springs *	1,654	951	951
Sonoma County I.H.P. *	7,718	4,829	4,829
Southern I.H.P. *	5,034	2,602	2,602
Susanville Indian Ranch	1,593	993	993
Sycuan Medical Center *	67	56	56
Table Mountain*	215	0	66 1/
Toiyabe I.H.P. *	4,859	2,681	2,681
Tule River I.H.P. *	5,699	2,540	2,540
Tuolumne Rural I.H.P. *	118	94	94
UIHS-Tsurai *	11,786	7,859	7,859
Warner Mountain *	239	118	118

\*Tribally Operated Service Unit

1/ FY 2008 Table Mountain Area (66 Active Indian Registrants reallocated according to p.54 of 88 of FY 2008 UP2 User Population table) subtracted from Central Valley service unit and added to Table Mountain Service Unit

2/ FY 2007 User Population count given since Tribe has not yet submitted three years of data to NPIRS

## IHS User Population Estimates by Area and Service Unit - FY 2008

	<b>FY 2008 Indian Registrants</b>	<b>FY 2008 Active Indian Registrants</b>	<b>FY 2008 Indian User Population Estimates</b>
<b>Nashville Area - Total</b>	<b>55,445</b>	<b>37,717</b>	<b>51,399</b>
Alabama-Coushatta *	1,500	837	837
Catawba	2,141	1,196	1,196
Cayuga*	X	X	115 1/
Cherokee *	14,421	10,460	10,460
Chitimacha *	562	491	491
Choctaw *	11,123	9,128	9,128
Coushatta *	576	467	467
Houlton Band of Maliseet *	X	X	421
Jena Band of Choctaw *	171	116	116
Manlius (Onondaga)*	586	340	340
Mashpee Wampanoag	-	-	1,422 2/
Miccosukee *	879	725	725
Micmac *	X	X	478
Mohegan *	X	X	1,018
Narragansett *	1,559	679	679
Oneida *	3,246	1,846	1,846
Passamaquoddy-Ind. Township *	X	X	736
Passamaquoddy-Pleasant Pt. *	X	X	953
Penobscot *	266	82	1,342 3/
Pequot *	X	X	688
Poarch Creek *	3,263	2,165	2,165
St. Regis Mohawk *	7,931	4,468	4,468
Seminole *	6,129	4,065	4,065
Seneca *	243	46	5,436 4/
Tunica-Biloxi *	383	296	296
Tuscarora	-	-	1,201 5/
Wampanoag of Gayhead *	466	310	310

\* Tribally Operated Service Unit

X A number is not shown because the Tribe shares Contract Health Service Delivery Area (CHSDA) counties with another Tribe. For each shared county, there is a formal Tribal agreement for sharing users.

1/ FY 2007 User Population count used since Tribe has not yet submitted three years of data to NPIRS

2/ New Tribe. Began delivering health care this year. FY 2008 negotiated user population based on Tribal registry and 2000 US Census projections since Tribe has not yet submitted three years of data to NPIRS

3/ FY 2007 User Population count used since Tribe has not yet submitted three years of data to NPIRS

4/ FY 2007 User Population count used since Tribe has not yet submitted three years of data to NPIRS

5/ Newly added Tribe. Began delivering health care this year. FY 2008 negotiated user population based on Tribal registry and 2000 US Census projections since Tribe has not yet submitted three years of data to NPIRS

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b><u>FY 2008 Indian Registrants</u></b>	<b><u>FY 2008 Active Indian Registrants</u></b>	<b><u>FY 2008 Indian User Population Estimates</u></b>
<b>Navajo Area - Total</b>	<b>353,253</b>	<b>234,182</b>	<b>239,814</b>
Chinle	48,878	33,838	33,838
Crownpoint	28,157	18,402	20,459 1/
Fort Defiance	42,507	27,101	30,676 2/
Gallup	61,057	41,520	41,520
Kayenta	27,109	17,358	17,358
Shiprock	74,131	51,975	51,975
Tuba City*	47,501	28,138	28,138
Winslow*	23,913	15,850	15,850

\*Tribally Operated Service Unit

1/ FY 2007 User Population adjustment given for PMS Cuba (+2,057) since Tribe has not yet submitted three years of data to NPIRS

2/ FY 2007 User Population adjustment given for Sage Memorial Hospital (+3,575) since Tribe has not yet submitted three years of data to NPIRS

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b>FY 2008 Indian <u>Registrants</u></b>	<b>FY 2008 Active Indian <u>Registrants</u></b>	<b>FY 2008 Indian User Population <u>Estimates</u></b>
<b>Oklahoma Area - Total</b>	<b>540,653</b>	<b>315,777</b>	<b>316,940</b>
Ada*	49,498	31,273	31,273
Claremore	167,981	96,287	97,006 1/ 2/
Clinton	17,797	9,712	9,712
Eagle Pass*	342	70	70
Haskell	13,020	3,664	3,664
Holton	4,843	2,994	2,994
Lawton	38,745	22,346	22,347 2/
Pawnee	29,537	14,764	15,065 2/
Shawnee	61,037	32,803	32,944 1/ 2/
Tahlequah	89,769	58,327	58,328 2/
Talihina*	53,755	34,835	34,835
Wewoka	14,329	8,702	8,702

\*Tribally Operated Service Unit

1/ FY 2007 User Population count (721) allocated for Wyandotte and Eastern Shawnee Tribe Bearskin Health Center to Claremore Service Unit (+716), Shawnee Service Unit (+4), and Tahlequah Service Unit (+1) since Tribe has not yet submitted three years of data to NPIRS

2/ FY 2007 User Population count (442) allocated for Iowa Tribe Perkins Family Clinic to Claremore Service Unit (+3), Lawton Service Unit (+1), Shawnee Service Unit (+137), and Pawnee Service Unit (+301) since Tribe has not yet submitted three years of data to NPIRS

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b>FY 2008 Indian Registrants</b>	<b>FY 2008 Active Indian Registrants</b>	<b>FY 2008 Indian User Population Estimates</b>
<b>Phoenix Area - Total</b>	<b>254,579</b>	<b>156,803</b>	<b>156,803</b>
Colorado River	12,216	8,302	8,302
Duck Valley*	1,968	1,301	1,301
Elko **	4,253	2,670	2,670
Fort Yuma	6,229	3,802	3,802
Keams Canyon	9,323	6,275	6,275
Phoenix	118,789	63,853	63,853
Gila River HCC	33,419	23,904	23,904
Paiute Tribe-Utah	1,368	793	793
San Carlos	14,978	11,640	11,640
Schurz*	24,998	14,644	14,644
Uintah-Ouray	6,475	3,962	3,962
Whiteriver	20,563	15,657	15,657

\*Tribally Operated Service Unit

\*\* Elko appears in two sections of the FY 2008 UP2 NPIRS NDW report dated 12/8/2008 on pages 33 and 37.

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b>FY 2008 Indian Registrants</b>	<b>FY 2008 Active Indian Registrants</b>	<b>FY 2008 Indian User Population Estimates**</b>
<b>Portland Area - Total</b>	<b>174,560</b>	<b>100,307</b>	<b>101,690</b>
Coeur d'Alene *	8,485	4,666	4,666
Colville *	11,255	7,078	7,078
Fort Hall *	10,346	6,198	6,198
Klamath *	4,782	3,060	3,060
Neah Bay *	5,559	3,435	3,435
Northern Idaho *	6,405	3,917	3,917
Northwest Washington *	10,825	6,944	6,944
Puget Sound *	22,470	12,590	13,895 /1,2
Puyallup *	18,094	10,050	10,050
Southern Oregon *	6,552	3,519	3,519
Taholah *	6,399	3,496	3,496
Umatilla *	4,620	2,942	2,942
Warm Springs *	8,262	5,377	5,377
Wellpinit *	5,111	2,834	2,912 /3
Western Oregon *	24,472	11,244	11,244
Yakama *	19,071	12,261	12,261
Unassigned Counties	1,852	696	696 /4

\* Tribally Operated Service Unit

\*\* Service Unit Counts reapportioned within area based on workload plus user population methodology of Portland Area

1/ Jamestown S'Klallam Tribe FY 2007 User Population allocation included (+352) since Tribe has not yet submitted three years of data to NPIRS

2/ Nisqually Tribe FY 2007 User Population allocation included (+953) since Tribe has not yet submitted three years of data to NPIRS

3/ Kalispel Tribe FY 2007 User Population allocation included (+78) since Tribe has not yet submitted three years of data to NPIRS

4/ Includes FY 2008 User Population (696) for Cowlitz Tribe Contract Health Service Delivery Area Counties in Non Service Unit Portion of UP 1 Table: Clark (+257), Cowlitz (+439). King, Lewis, Pierce, Thurston, and Skamania county users were present in Service Unit portions of FY 2008 User Population Table (UP 1).

December 18, 2008

**IHS User Population Estimates by Area and Service Unit - FY 2008**

	<b>FY 2008 Indian <u>Registrants</u></b>	<b>FY 2008 Active Indian <u>Registrants</u></b>	<b>FY 2008 Indian User Population <u>Estimates</u></b>
<b>Tucson Area - Total</b>	<b>46,571</b>	<b>25,234</b>	<b>25,234</b>
Sells	37,605	18,679	18,679
Pascua Yaqui *	8,966	6,555	6,555

\* Tribally Operated Service Unit