
**OREGON
SCHOOL-BASED HEALTH CENTER
PROGRAM**

**STUDENT USE OF
SCHOOL-BASED HEALTH
CENTERS
2000-2001**

Prepared by the Oregon Department of Human Services, Health Services

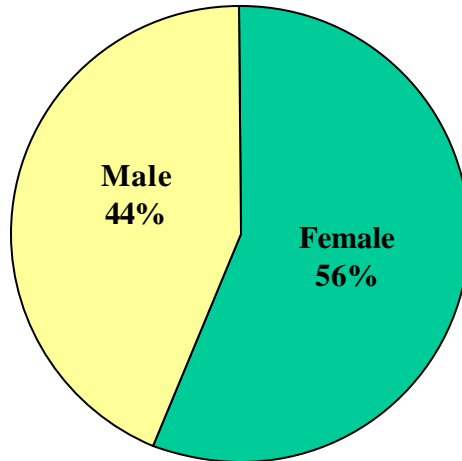


Student Use of SBHCs: Combined Data File

Clients of SBHCs

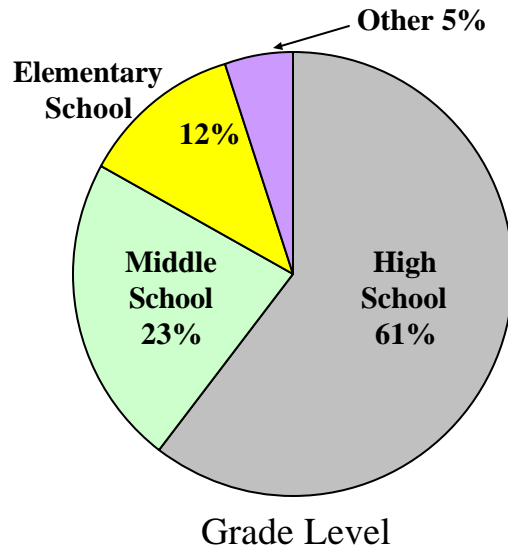
In SY 2000-2001, Oregon SBHCs served 25,193 clients.

Registered Clients of SBHCs,
SY 2000-2001:

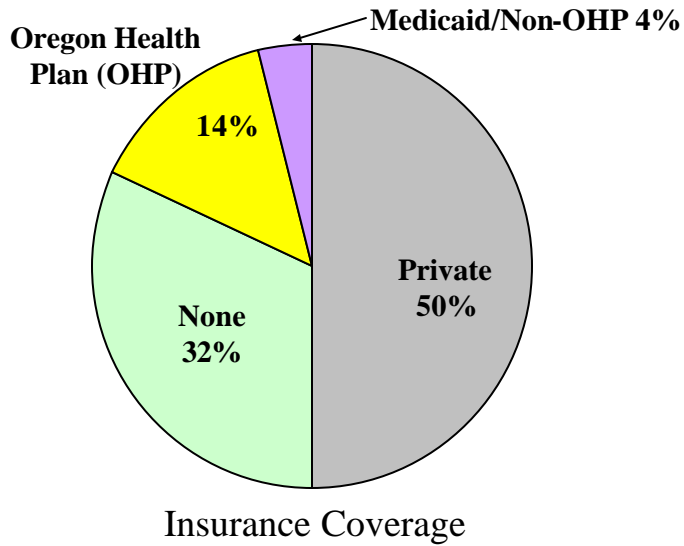


25,193 clients, 3 missing gender.

Clients of SBHCs



25,193 clients, 4,779 missing grade

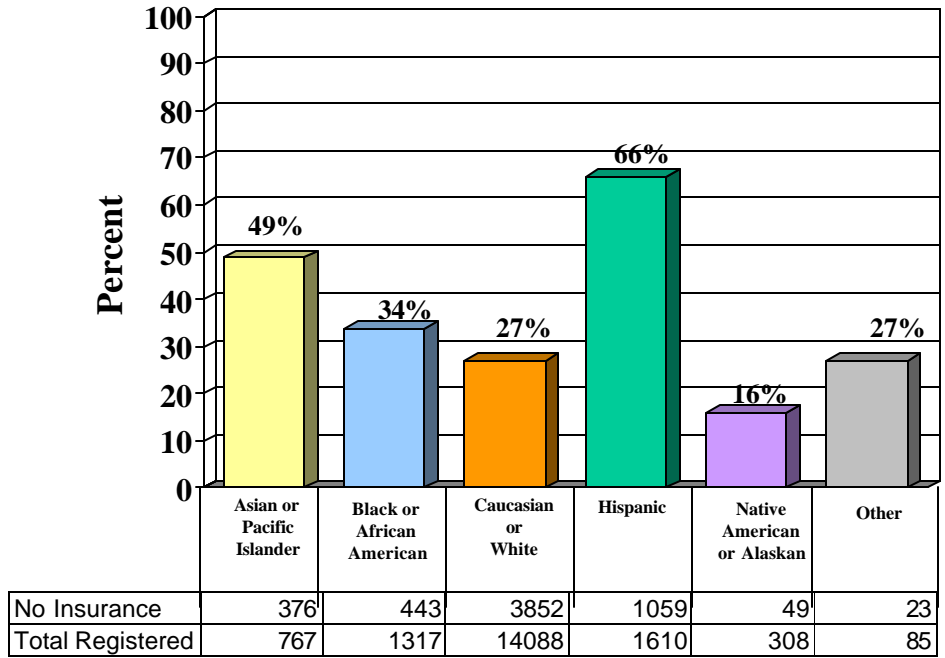


25,193 clients, 6,503 missing insurance

Note: Insurance information is missing for 26% of clients. Insurance information for each client was reported on the first visit to the clinic. The above information does not reflect changes in insurance coverage over time.

Clients of SBHCs

Insurance Status by Ethnicity



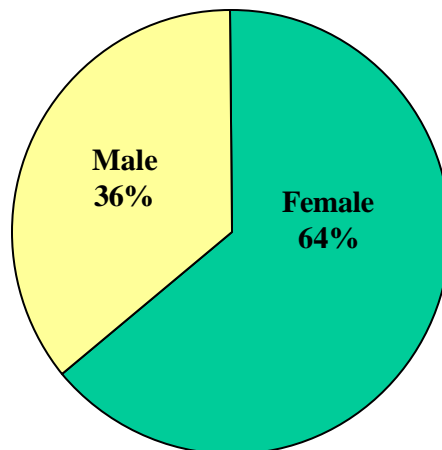
Native American students were least likely, and Hispanic students most likely to report having no insurance. Students ages 10-14 were approximately 26% more likely to report having no insurance than students aged 11-19.

Student Use of SBHCs: Combined Data File

Visits to SBHCs

- In SY 2000-2001, Oregon SBHCs recorded 89,627 visits to health centers.
- Sixty-four percent of clients visited the clinic three or fewer times.
- Visits to SBHCs were made predominantly by clients who were Caucasian (74%) and female (64%).
- Ninety-eight percent of visits were made by school-aged children (5–19 years old).
- Transitional students (i.e., inactive, dropout, not in school) made 393 (0.4%) visits to health centers.
- Children of students accounted for 0.5% (457) of visits.

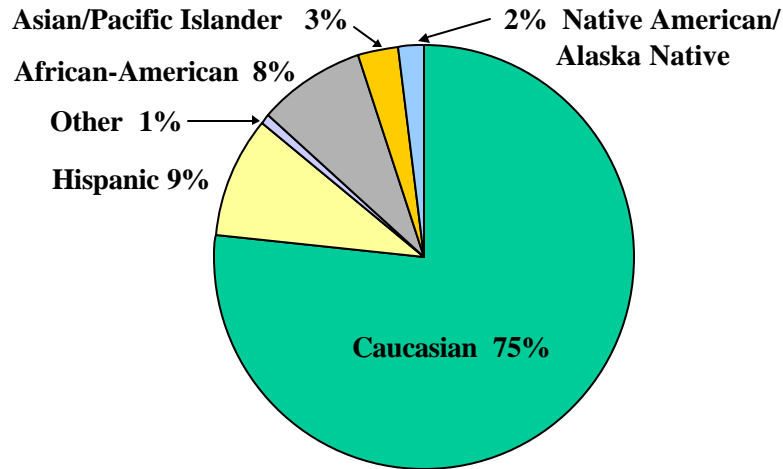
Visits to SBHCs, SY 2000-2001:



Visits by Gender

89,627 visits, 114 missing gender.

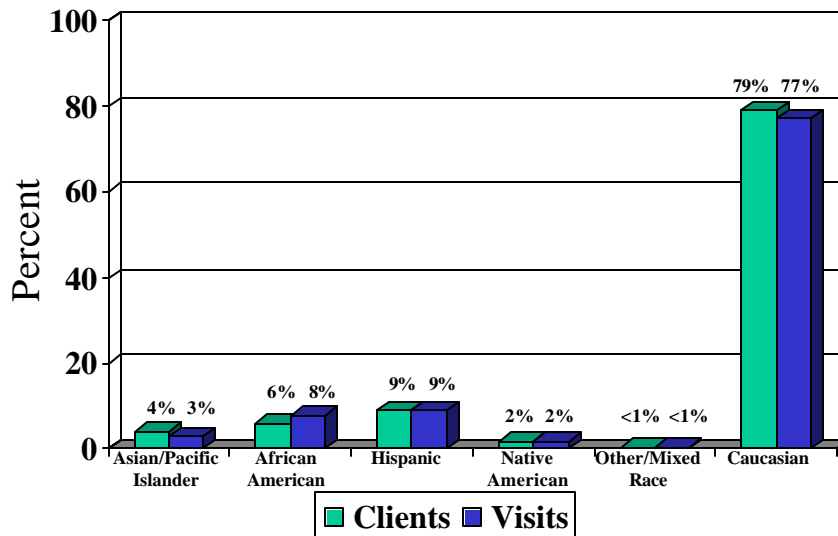
Visits to SBHCs



Visits by Race/Ethnicity

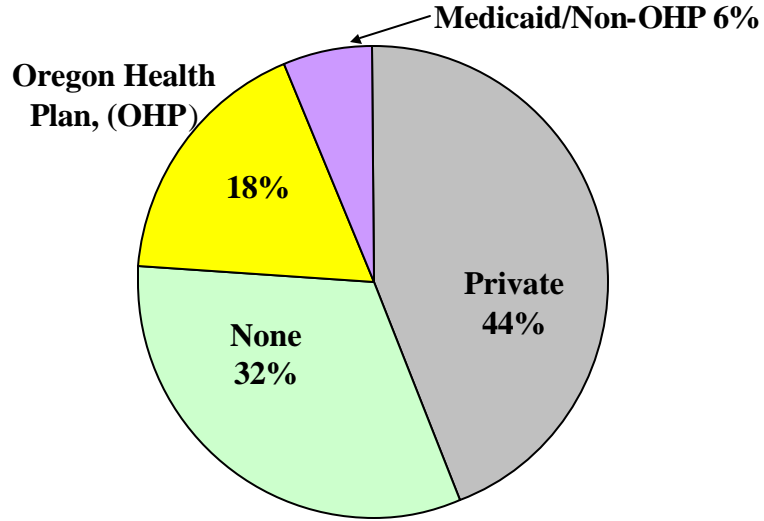
89,627 visits, 3,471 missing race/ethnicity

Race and Ethnicity, SY 2000-2001:



In general, visits to SBHCs were made in proportion to the racial/ethnic makeup of the client base. African Americans were slightly more likely, and Caucasian students were slightly less likely to visit a health center.

Visits to SBHCs



Visits by Insurance Coverage

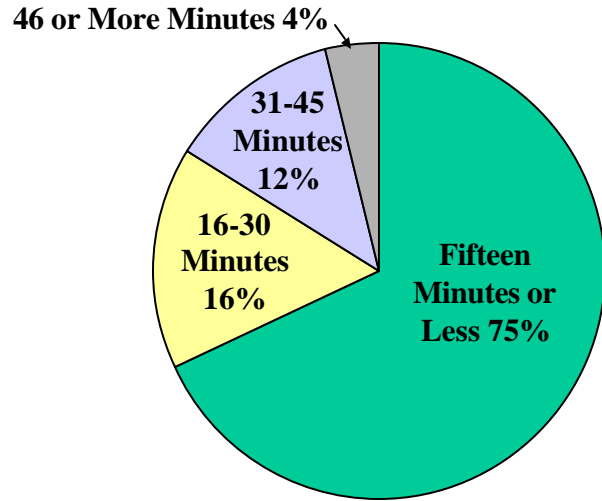
89,627 visits, 22,483 missing insurance

	Number of Visits		Number of SBHCs		Average Provider Time Per Visit (in minutes)	
	Frequency	Percent	Frequency	Percent		
HS	48286	67	28	64		17
MS	15651	22	9	20		18
ES	5902	8	7	16		17
Other	2310	3	*	*		19
Total	72149	100	44	100		
Sixty-eight percent of all visits lasted fifteen minutes or less.						

Visits by Grade Level

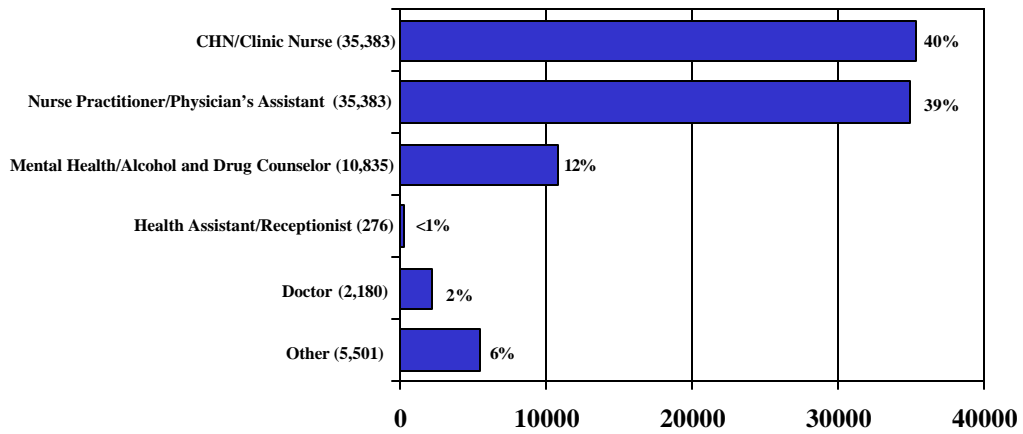
89,627 visits, 17,478 missing grade

Visits to SBHCs



Visits by Time

89,627 visits, 34 missing visit time



Visits by Provider Type

89,627 visits, 540 missing Provider Type

Visits to SBHCs

	Grade Level						Average
	HS	%	MS	%	ES	%*	Provider Time Per Visit
Regular Clinic Visit	37334	77%	10532	67%	3790	64%	13
Preventive Health Service	4650	10%	1402	9%	365	6%	33
Immunization	1521	3%	1829	12%	654	11%	10
Counseling/MH	3804	8%	1473	9%	725	12%	44
Lab/Screening	932	2%	392	3%	284	5%	23
Nursing Triage Visit	28	<1%	13	<1%	82	1%	5
Other	6	<1%	3	<1%	1	<1%	15
	48275	100%	15644	100%	5901	100%	

* Percentages may not equal 100% due to rounding.

Frequency of Procedure Type by Grade Level

(Based on first procedure code used in visit.)

Visits to SBHCs

	HS	%	MS	%	ES	%
Health Supervision*	23904	39%	6214	33%	2074	271%
Symptoms**	12295	20%	3227	17%	1028	134%
Mental Disorders	5494	9%	1102	6%	438	57%
Respiratory	4822	8%	1704	9%	757	99%
Injuries/Poisonings	4567	7%	1988	10%	792	104%
Musculoskeletal	2733	4%	955	5%	131	17%
Genitourinary System	2240	4%	273	1%	165	22%
IMM	1661	3%	1443	8%	321	42%
Nervous System	1298	2%	846	4%	645	84%
Skin	1248	2%	641	3%	249	33%
Gastrointestinal	563	1%	271	1%	161	21%
Infections	498	1%	236	1%	252	33%
Endocrine	361	1%	44	<1%	13	2%
Cardiovascular	166	<1%	15	<1%	5	1%
Hematology	114	<1%	7	<1%	6	1%
Perinatal Period	31	<1%	11	<1%	8	1%
Congenital Anomaly	24	<1%	12	<1%	16	2%
Pregnancy Contraception	23	<1%			1	<1%
Neoplasm	11	<1%	2	<1%	3	<1%

Diagnostic Category by Grade Level (Based on all categories of diagnosis.)

Number of diagnoses exceed total number of visits due to multiple diagnoses per visit.

* e.g., health and sexuality counseling, health maintenance, stress management, dietary counseling/surveillance

** e.g., diagnosis deferred, non-specific malaise and fatigue, cough, sleep disturbance

Visits at SBHCs

Immunizations, SY 2000-2001

Immunizations were administered during 10,030 visits (11%), during which a total of 18,110 immunizations were administered. In addition, many health centers conduct additional immunization clinics that are not recorded here because they do not constitute a visit to a health center.

	HS	%	MS	%	ES	%
Varicella Vaccine	18	<1%	160	4%	75	7%
Diphtheria/Tetanus	697	16%	333	8%	80	7%
MMR	600	13%	817	20%	228	21%
Polio	191	4%	63	2%	41	4%
Hepatitis B	2520	57%	2673	64%	577	53%
Flu Shot	59	1%	17	<1%		
PPD	309	7%	44	1%	32	3%
Other	60	1%	52	1%	57	5%
Total	4454	100%	4159	100%	1090	100%

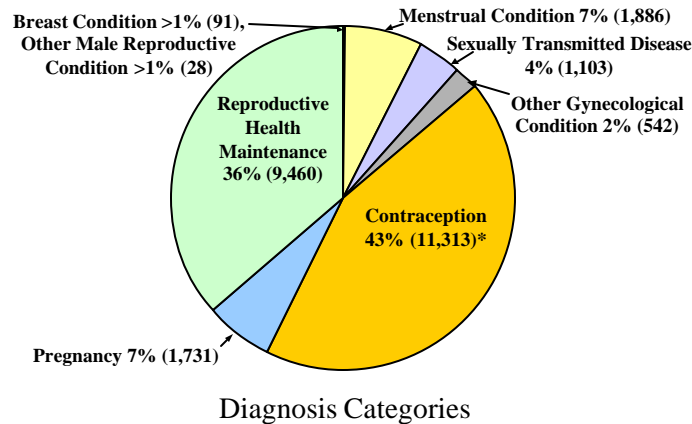
Immunizations by Grade Level

(Based on all procedure codes)

Visits to SBHCs

Reproductive Health (RH) – Related Visits

Twenty-three percent (20,235) of all visits included a reproductive health component. Female clients accounted for 83% and high school students 87% of all RH visits. African-American clients, while comprising 6% of all clients, accounted for 15% of all RH visits. Caucasian clients account for 79% of all clients but only 70% of all RH visits. Other races/ethnicities accounted for RH visits in proportion to their numbers in the client data base. Not all health centers provide reproductive health services in the same way or at the same level. In particular, with regard to prescribing and/or providing contraceptive methods to students, health centers or health center networks work with the school district and local communities to form policy. The Oregon Standards for SBHC Certification require SBHCs to make referrals for family planning, but at this time do not require the prescribing or dispensing of contraceptives on site.



Note: Not all SBHCs provide contraception

Visits to SBHCs

Reproductive Health (RH) – Related Visits

	Female	%	Male	%	Total	%
Breast Condition	74	>1%	17	>1%	91	>1%
Menstrual Condition	1886	8%			1886	7%
Sexually Transmitted Disease	870	4%	233	6%	1103	4%
Other Gynecological Condition	542	2%			542	2%
Contraception	10408	47%	905	23%	11313	43%
Pregnancy	1731	8%			1731	7%
Reproductive Health Maintenance	6753	30%	2707	70%	9460	36%
Male Reproductive Condition			28	1%	28	>1%
	22264	100%	3890	100%	26154	100%
Number of diagnoses exceed total visits due to multiple diagnoses						

RH Categories by Gender

Visits to SBHCs

Reproductive Health (RH) – Related Visits

	HS	%	MS	%	ES	%	Total	%
Breast Condition	56	>1%	9	>1%	1	1%	66	>1%
Menstrual Condition	1471	9%	179	9%	4	2%	1654	9%
Sexually Transmitted Disease	766	4%	17	1%	3	2%	786	4%
Other Gynecological Condition	377	2%	24	1%	9	5%	410	2%
Contraception	7143	42%	493	26%	1	1%	7637	40%
Pregnancy	1332	8%	48	3%			1380	7%
Reproductive Health Maintenance	6050	35%	1142	60%	153	89%	7345	38%
Male Reproductive Condition	16	>1%	6	>1%	1	1%	23	>1%
	17211		1918		172		19301	
Number of diagnoses exceed total visits due to multiple diagnoses								

RH Categories by Grade Level

Visits to SBHCs

Mental Health (MH) – Related Visits

Twelve percent of all visits to Oregon SBHCs in SY 2000-2001 were made to mental health or alcohol & drug counselors (Mental Health Providers), and 15% of all visits to SBHCs resulted in a mental health-related diagnosis. Fourteen percent of all clients who visited the health center received a mental health diagnosis. In 39% of visits that included a mental health diagnosis, a non-mental health provider made the diagnosis.

Visits to mental health providers accounted for 28% of all time spent with clients in SBHCs. Mental health visits lasted an average of 44 minutes, longer than any other type of visit. Visits to non-mental health providers that included a mental health-related diagnosis lasted an average of nine minutes longer than those without a mental health-related diagnosis ($p < .001$).

Mental health diagnoses and visits to mental health providers among different races and between genders were made in proportion to total visits.

Status of mental health provider capacity in SBHCs.

A total of 44 centers (excludes Rural Health Network, includes Philomath).

Out of 7 elementary SBHCs, 4 have some mental health.

Out of 9 middle school SBHCs, 8 have some mental health

Out of 28 high school SBHCs, 19 have some mental health

Others refer out.

Visits to SBHCs Risk Factor Identification

Data on risk factors were gathered from 31 schools in the State Data Network. Currently, risk factor data from Multnomah and Benton county SBHCs can not be combined with the State Data Network. Of the 3,590 visits that resulted in the identification of a risk factor, 79% (2,803) were visits by high school students, 13% (482) by middle school students and 4% (134) by elementary school students. One thousand, three hundred and twelve visits to SBHCs included a full risk factor screen in which clients were asked questions relating to the full range of risk factors. Clients who reported a risk factor during any visit made, on average, 5 more visits to the health center annually.

Average Visit Time by Presence of Risk Factor*

	High School	Middle School	Elementary School
Risk Factor Present	36	46	37
Risk Factor Absent	14	13	17

* In minutes

Risk Factor Identified in SBHCs, SY 2000-2001:

Risk Factor	HS	%	MS	%	ES	%	Total	%
Family/Home	138	4%	20	5%	4	2%	162	4%
School	207	6%	27	7%	5	2%	239	6%
Peers	138	4%	20	5%	4	2%	162	4%
Family Use of ATOD	235	7%	29	7%	23	11%	287	7%
Physical/Sexual Abuse	123	4%	8	2%	5	2%	136	3%
Depression	205	6%	22	6%	10	5%	237	6%
Stress/Anxiety	194	6%	19	5%	13	6%	226	6%
Other Mental Health Problems	38	1%	4	1%			42	1%
Body Image	177	5%	26	7%	3	1%	206	5%
Gender Identity/Sexual Orientation	17	>1%	4	1%			21	1%
Tobacco Use	225	6%	15	4%			240	6%
Alcohol Use	191	5%	15	4%			206	5%
Other Drug Use	171	5%	14	4%	3	1%	188	5%
Sexual Activity	343	10%	12	3%			355	9%
Interpersonal Violence	48	1%	11	3%	5	2%	64	2%
Self-Harm	43	1%	5	1%	5	2%	53	1%
Disordered Eating	72	2%	7	2%	1	>1%	80	2%
Inadequate Safety Practices	206	6%	32	8%	35	17%	273	7%
Inadequate Physical Activity	95	3%	10	3%	12	6%	117	3%
Inadequate Nutritional Choices	214	6%	25	6%	23	11%	262	6%
Inadequate Dental Care	67	2%	17	4%	23	11%	107	3%
Inadequate Skin Care	57	2%	7	2%	21	10%	85	2%
Inadequate Sleep/Rest	144	4%	12	3%	6	3%	162	4%
No Risk Factors Identified	139	4%	31	8%	2	1%	172	4%
Unable to Complete Screen	1	>1%					1	>1%
Total	3488	100%	392	100%	203	100%	4083	100%
Total visits that included a risk factor screen = 1312								
Number of risk factors identified exceeds total number of visits due to multiple risk factors identified								
Percentage may not total to 100% due to rounding								

Risk Factors by Grade Level