

Child Health and Well-Being

Mason County Data Series

Child Population by Age

In 2005, 22% of Mason County residents were between the ages of 0-17, 61% between the ages of 18-64 and 17% age 65+. (D1)

Population age 0-17, Mason County 2000-2005

Age	# in 2000	# in 2005	% Change 2000-2005
0-4	2,663	2,680	↑ 6%
5-9	3,181	3,004	↑ 10%
10-14	3,540	3,516	↑ 27%
15-17	2,235	2,293	↑ 50%
Total 0-17	9,677	11,619	↑ 20%

Detailed Population age 0-17, Mason County Census 1990-2000 (D2-3)

Age	# in 1990	# in 2000	% Change 1990-2000
0	404	526	↑ 30%
1-2	1,019	1,040	↑ 2%
3-4	1,038	1,097	↑ 6%
5	564	638	↑ 13%
6	605	579	4% ↓
7-9	1,717	1,964	↑ 14%
10-11	1,148	1,353	↑ 18%
12-13	1,087	1,418	↑ 30%
14	555	769	↑ 39%
15	499	725	↑ 45%
16	516	783	↑ 52%
17	483	727	↑ 51%

Child Population by Race and Ethnicity

Population age 0-17 by Race and Ethnicity, Mason County 2004 (D5)

Race and Ethnicity	# in 2004	% of Total Age 0-17
AIAN	611	5%
API	193	2%
Black	97	1%
White	9,855	87%
Two or More	562	5%
Hispanic	1,044	9%

Notes:

- AIAN = American Indian and Alaskan Native.
- API = Asian, Native Hawaiian and Other Pacific Islander.
- Two or More Races = can be any combination (for example, Black & White or American Indian and Asian)
- Individuals who are Hispanic can be of any race.

By 2010, an estimated 13,790 Mason County residents will be between the ages of 0-19. (D4)

By 2020, an estimated 15,763 Mason County residents will be between the ages of 0-19. (D4)

In 2004, 14% of Mason County children age 0-4 were Hispanic. (D5)

In 2004, 7% of Mason County youth age 15-17 were Hispanic. (D5)

In 2004, 6% of Mason County children age 0-4 were American Indian or Alaskan Native. (D5)

In 2004, 5% of Mason County youth age 15-17 were American Indian or Alaskan Native. (D5)

In 2004, 5% of Mason County children age 0-4 were Two or More races. (D5)

In 2004, 4% of Mason County youth age 15-17 were Two or More races. (D5)

All 2004, 2005, 2010 and 2020 population figures are estimates. Census years, 1990 and 2000, are the only years that we have complete official counts of the total population.

In 2005, the total population of Mason County was 51,900. (D6)

= Number or count
% = Percent

Child Health and Well-Being continued...

Child Hospitalizations

An average of 197 hospitalizations occur each year among Mason County children age 1-17 (based on 2000-2003 data). (D7)

Hospitalizations among Children age 1-17, Mason County & Washington State 2000-2003

Area	Rate 2000	Rate 2001	Rate 2002	Rate 2003	Rate 2000-2003
Mason County	1925.5	1894.0	1986.2	1653.6	1865.2
Washington	1773.4	1657.4	1674.3	1644.6	1687.4

Notes:

- Rate per 100,000.
- Excludes childbirth related hospitalizations among female youth/adolescents.
- Hospitalizations do not include visits to the Emergency Room.
- A child may be hospitalized more than once during a calendar year.

An average of 28 hospitalizations occur among Mason County children age 0-17 each year for non-fatal unintentional or accidental injuries (based on 2000-2004 data). (D8)

Non-Fatal Unintentional Injury Hospitalizations for Children age 0-17, Mason County & Washington State 2000-2004

Cause of Non-Fatal Injury	Rate Mason County	Rate Washington
Falls	57.5	52.9
Motor Vehicle Traffic-Related	52.3	32.4
Pedal Cycle (Non-Motor Vehicle Traffic-Related)	20.9	10.0
Other Land Transport	29.6	9.8
Poisoning	13.9	11.3
Striking Against or Struck by Object or Person	19.2	13.9
All Unintentional Injury Hospitalizations	247.5	183.1

Notes:

- Rate per 100,000.
- Motor Vehicle Traffic-Related = includes traffic related injuries to the occupant of the motor vehicle, injuries to motorcycle riders, injuries to bicyclist and pedestrians resulting from traffic related accident involving a motor vehicle.
- Pedal Cycle = includes collision with an object or person, entanglement in wheels, falling from pedal cycle and non-traffic related motor vehicle accidents.
- Other Land Transport = includes agricultural vehicles, off-road motor vehicles, and motorcycle riders in non-traffic accident.
- Poisoning = includes accidentally ingesting medicinal substances or non-medicinal substances like alcohol, household products and food.
- Striking Against or Struck by = includes accidents involving falling objects like rocks or trees, bumping, or colliding into things, kicking or stepping on things, and being struck accidentally by sports equipment.

Non-Fatal Suicide and Assault Injury Hospitalizations for Children age 0-17, Mason County & Washington State 2000-2004 (D8)

Cause of Non-Fatal Injury	Rate Mason County	Rate Washington
Suicide Attempt	20.9	23.1
Assault	26.1	9.0

Note:

- Rate per 100,000.

Based on 2000-2004 data:

- The fatality rate for all unintentional injuries among Mason County children age 0-17 was 22.7 per 100,000 compared to 9.9 per 100,000 for Washington State. (D9)
- The fatality rate for motor vehicle traffic-related injuries among Mason County children age 0-17 was 10.5 per 100,000 compared to 4.8 per 100,000 for Washington State. (D9)

In 2004, 41% of 6th grade Mason County public school students said they 'never' or 'rarely' wear a helmet when they ride a bike (compared to 29% for Washington State). (D10)

In 2004, 36% of 6th grade Mason County public school students said they 'never' or 'rarely' wear a helmet when they rollerblade or skateboard (compared to 26% for Washington State). (D10)

In 2004, 19% of 10th grade Mason County public school students said that during the past 12 months they had 'seriously considered' attempting suicide (compared to 18% for Washington State). (D11)

In 2004, 10% of 10th grade Mason County public school students said that during the past 12 months they 'had' attempting suicide (compared to 9% for Washington State). (D11)

In 2004, 27% of 10th grade Mason County public school students said that during the past 12 months they 'had' been in a physical fight (compared to 28% for Washington State). (D11)

Child Health and Well-Being continued...

Child Abuse and Neglect

Each year, an average of 677 alleged victims of child abuse and neglect are identified in Mason County CPS accepted referrals (based on 2000-2004 data). (D14-15)

Alleged Victims of Child Abuse & Neglect in Accepted CPS Referrals, Mason County & Washington State 2000-2004

Area	Rate 2000	Rate 2001	Rate 2002	Rate 2003	Rate 2004
Mason County	66.5	53.3	49.3	66.1	59.8
Washington	40.6	39.4	37.6	40.9	38.1

Notes:

- CPS = Washington State Department of Social & Health Service's Child Protective Services.
- A child can be included in an accepted referral more than once during the year.
- Rate per 1,000.

Founded Victims of Child Abuse & Neglect in Investigated CPS Referrals, Mason County 2000-2004 (D15)

Area	# in 2000	# in 2001	# in 2002	# in 2003	# in 2004
Mason County	98	61	46	59	48

Children in Special Education

Participation in Special Education, Mason County & Washington State 2005 (D16)

Area	% in Special Education
Grapeview	14%
Hood Canal	18%
Mary M. Knight	8%
North Mason	14%
Pioneer	14%
Shelton	14%
Southside	12%
Washington	12%

Child Deaths

An average of 4 Mason County children age 1-17 die each year (based on 2000-2003 data). Unintentional injuries or accidents are the leading cause of death among Mason County children age 1-17. (D12)

Deaths among Children age 1-17, Mason County & Washington State 2000-2003

Area	# 2000-2003	Rate 2000-2003
Mason County	14	31.9
Washington	1,318	22.9

Note:

- Rate per 100,000.

Reports of child abuse and neglect are called referrals. Referrals are classified as unaccepted or accepted. Referrals that meet established criteria for risk of abuse are 'accepted' for further action or review.

All 'accepted' referrals are placed on a 5 tier, Low-High risk scale for abuse/neglect. Referrals classified as Moderate-High risk are investigated. Investigations result in the allegation being founded, inconclusive, unfounded.

Each year, investigations into alleged child abuse yield an average of: 62 victims for whom abuse/neglect was founded, 115 victims for which abuse/neglect was inconclusive and 266 victims for whom abuse/neglect was considered unfounded based on the information available at the time of investigation (based on 2000-2004 data). Some investigation findings were unreported. (D15)

Special Education eligibility is linked to students having a defined disability that adversely impacts their education which requires a specially designed instruction plan to assure an adequate opportunity to learn.

In 2004, 11% of 8th grade Mason County public school students said they had a physical disability or long-term health condition that was expected to last six or more months. (D13)

In 2004, 9% of 8th grade Mason County public school students said they believe other people would consider them as having a disability or long-term health condition. (D13)

Substance Use

About 1 in every 3 Mason County 10th grade public school students recently used alcohol and about 1 in every 5 have recently used marijuana. (D11.13)

Recent Substance Use among Middle and High School Public School Students, Mason County & Washington State 2004

Type of Substance	8 th Grade % Mason	10 th Grade % Mason		8 th Grade % WA	10 th Grade % WA
Cigarettes	11%	15%		8%	13%
Alcohol	22%	34%		18%	33%
Marijuana	12%	21%		9%	17%
Methamphetamine	2%	1%		2%	3%

Notes:

- Recent Use = Use on any day(s) during the past 30 days.
- Alcohol = Drank a glass, can or bottle of alcohol (beer, wine, wine coolers, hard liquor).

Lifetime Substance Use among Public Middle and High School Students, Mason County & Washington State 2004

Type of Substance	8 th Grade % Mason	10 th Grade % Mason		8 th Grade % WA	10 th Grade % WA
Cigarettes	33%	42%		24%	35%
Alcohol	50%	65%		42%	60%
Inhalants	6%	8%		5%	7%
Marijuana	19%	38%		14%	29%
Methamphetamine	4%	4%		3%	5%
Heroin	5%	3%		2%	3%

Notes:

- Lifetime Use = Any use whether recently or in the past.
- Cigarettes = Smoked a cigarette, even a puff.
- Alcohol = Had more than a sip or two of beer, wine, or hard liquor (for example, vodka, whiskey, or gin).

Health Related Habits

Prevalence of Selected Health Related Habits among Public High School Students, Mason County & Washington State 2004 (D11)

Health/Behavior Issue	10 th Grade % Mason	10 th Grade % WA
Moderate Physical Activity on Less than 5 Days of Week	67%	66%
Vigorous Physical Activity on Less than 3 Days of Week	37%	40%
3+ Hours of TV on School Days	29%	29%
3+ Hours of Computer/Video Games Use on School Days	13%	16%
Less than 5 Servings of Fruit or Vegetables Daily	78%	77%

Notes:

- Unhealthy Weight = Based on self-reported height and weight.
- Moderate Physical Activity = 30 minutes on 5 or more days of the week in ways that did 'not' make you sweat and breathe hard.
- Vigorous Physical Activity = 20 minutes on 3 or more days of the week in ways that make you sweat and breathe hard.
- Computer or video game use includes only leisure time, time spent for fun.

In 2004, 42% of 10th grade Mason County public school students said that they now live with someone who smokes cigarettes (compared to 32% for Washington State). (D11)

20% of 10th grade Mason County public school students said that they had been told by a doctor or health care professional that they have Asthma (compared to 20% for Washington State in 2004). (D11)

5% of 10th grade Mason County public school student said that they had been told by a doctor or health care professional that they have Diabetes (compared to 4% for Washington State). (D11)

In 2004, 8% of 10th grade Mason County public school students said that they drove a car or vehicle when they had been drinking in the past 30 days (compared to 6% for Washington State). (D11)

26% of 6th grade Mason County public school students said that they had, at some time, ridden in a car driven by someone who had been drinking (compared to 23% for Washington State for 2004). (D10)

In 2004, 39% of 6th grade Mason County public school students said that they are trying to lose weight (compared to 37% for Washington State). (D10)

11% of 6th grade Mason County public school students said that they had gone without eating for a day, taken diet products without a doctor's advice or vomited to lose weight or keep from gaining weight (compared to 9% for Washington State). (D10)

(D1)

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(D3)

"P011. Age - universe: persons". Summary File 1, Census 1990. U.S. Department of Commerce, U.S. Census Bureau. <factfinder.census.gov>

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"Mason County Population Projection: Intermediate Series". Washington State Office of Financial Management. File name: county_age.xls <www.ofm.wa.gov/pop/gma/projections.asp>

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"2004 Total Population Estimates by Age, Gender and Race: Washington and Its Counties. 2004 Hispanic Population Estimates by Age, Gender and Race: Washington and Its Counties". Washington State Office of Financial Management. File name: 2004_race_estimates.xls <www.ofm.wa.gov/pop/race/2004estimates.asp>

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"2005 Population Trends for Washington State Report". Washington State Office of Financial Management. File name: poptrends_05.pdf <www.ofm.wa.gov/pop/poptrends>

(D7)

"Hospitalizations Rates, 2000-2003 Combined, All Cases". VistaPHw Assessment Tool, Comprehensive Hospital Abstract Reporting System (CHARS). Washington State Department of Health, Office of Hospital and Patient Data Systems. Prepared by Thurston County Public Health & Social Services Department.

(D8)

"Nonfatal Injury Hospitalizations. Mechanism by Intent, Ages 0-17. 2000-2004". Washington State Department of Health, Injury and Violence Prevention Program. March 2006. File name: NonfatalByIntent_Ages_0-17.xls

(D9)

"Fatal Injuries. Mechanism by Intent, Ages 0-17. 2000-2004". Washington State Department of Health, Injury and Violence Prevention Program. March 2006. File name: FatalByIntent_Ages_0-17.xls

(D10)

"Healthy Youth Survey 2004: Survey Results. Mason County Grade 6". Washington State Department of Health. File name: Co23Gr06.doc <www3.doh.wa.gov/HYS/ASPX/HYSreports.aspx>

(D11)

"Healthy Youth Survey 2004: Survey Results. Mason County Grade 10". Washington State Department of Health. File name: Co23Gr10.doc <www3.doh.wa.gov/HYS/ASPX/HYSreports.aspx>

(D12)

"Mortality Rates, 2000-2003 Combined, All Causes". VistaPHw Assessment Tool, Comprehensive Hospital Abstract Reporting System (CHARS). Washington State Department of Health, Office of Hospital and Patient Data Systems. Prepared by Thurston County Public Health & Social Services Department.

(D13)

"Healthy Youth Survey 2004: Survey Results. Mason County Grade 8". Washington State Department of Health. File name: Co23Gr08.doc <www3.doh.wa.gov/HYS/ASPX/HYSreports.aspx>

(D14)

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(D15)

"Child Protective Services Accepted Referrals and Alleged Victims by Calendar Year". Washington State Department of Social and Health Services, Children's Administration. CAMIS February 2006 download for Mason County and March 2005 download for Washington State.

(D16)

"Washington State Report Card. Washington State and District Summary". Office of Superintendent of Public Instruction. <reportcard.ospi.k12.wa.us/summary.aspx>

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