



# 2019 CHNA Health Indicators

Updated 6-24-19



Health Indicators			
Categories	Topic	Sub-Topic	Metric
Demographics	Total Population		Total population
	Total Population Percent Change		Percent change in total population
	Population Density		Population density (per square mile)
	Race and Ethnic Population Distribution		Percent of population by race
	Age Distribution		Percent of population by age
	Population Age 65+		Total population age 65+ - count
	Age Distribution by Ethnicity		Percent of population by age and ethnicity
	Median Age		Median age – total population
			Median age by ethnicity
	Linguistically Isolated Population		Percent of linguistically isolated population
	Foreign-Birth Population		Percent of foreign-birth population
	Migrant Farm Labor		Number of hired farm labor <sup>i</sup> - USDA National Agricultural Statistic Services (2017)
			Number of hired migrant labor <sup>ii</sup> - USDA National Agricultural Statistic Services (2017)
Social and Economic Factors	Economic Factors	Poverty	Percent of population under age 18 at or below 100% FPL
			Percent of population under age 18 at or below 200% FPL
			Percent of population in at or below 50% FPL
			Percent of population in at or below 100% FPL by gender
			Percent of population in at or below 100% FPL by ethnicity
			Percent of population in at or below 185% FPL
			Percent of population in at or below 200% FPL
		Free and Reduced Lunch	Percent of children eligible for free/reduced price lunch
		Public Assistance Income	Percent of households with public assistance income
			Average public assistance received – dollar amount
		Unemployment	Unemployment rate (%)
		Supplemental Nutrition Assistance Program (SNAP) Recipients	Percent of population who receive SNAP

		Underinsured <sup>iii</sup>	Percent of ALICE Household – United for ALICE
			Percent of ALICE Household by Income – United for ALICE
			Percent of ALICE Household Types by Income – United for ALICE
Access to Healthy Food	Food Deserts		Percent of population with low food access
			Percent of low-income population and low food access
	Food Insecurity		Food insecurity rate (%)
			Child food insecurity rate (%)
			Percentage of food insecure populations ineligible for assistance
			Percentage of food insecure children ineligible for assistance
	Fast Food Restaurants		Fast food establishments rate per 100,000 population (%)
WIC-Authorized Food Stores		WIC-authorized food stores per 100,000 population (%)	
Education	On-Time Graduation		On-time graduation rate (%)
	Population with No High School Diploma		Percent of population age 25+ of total population with no high school diploma
			Percent of population age 25+ with no high school diploma by ethnicity
Transportation	Households with No Motor Vehicle		Percent of households with no motor vehicle
	Non-Emergency Medical Transportation		Non-emergency medical transportation – broken trips
			Non-emergency medical transportation – unduplicated clients
Insurance	Population Receiving Medicaid		Population receiving Medicaid – count
			Percent of population receiving Medicaid
	Uninsured Population		Percent of population uninsured
Affordable Housing	Housing Cost Burden		Percent of cost burdened households (over 30% of income)
	Vacancy Rates		Percent of vacant housing units for sale
			Percent of vacant housing units for rent
	Assisted Housing		HUD-assisted unit rates per 10,000 housing units
	Low Income Tax Credit Program		Low income housing tax credit units
		Median Household Income <sup>iv</sup>	
	Median Home Resale Value <sup>v</sup>		Median Resale Price (\$) – University of Washington, Runstad Department of Real Estate
Homelessness	Adult		Sheltered – count
			Unsheltered – count
			Sheltered and unsheltered – count
			Chronically homeless individuals – count
	Youth		Homeless student count – OSPI <sup>vi</sup>

	Lack of Social or Emotional Support Social and Emotional Health of Youth		Lack of social or emotional support, crude percentage
			Percent of Students Who Answered Yes to the Question "Have you ever seriously thought about killing yourself?"
			Percent of Students Who Answered Yes to the Question "During the past 12 months, did you ever seriously consider attempting suicide?"
			Percent of Student Responses to the Question "When you feel sad or hopeless, are there adults that you can turn to for help?"
			Percent of Students Responses to the Question "A student is being bullied when another student, or group of students, say or do nasty or unpleasant things to him or her. It is also bullying when a student is teased repeatedly in a way her or she doesn't like. It is NOT bullying when two students of about the same strength argue or fight. In the last 30 days, how often have you been bullied?"
	Literacy	Limited English Proficiency <sup>vii</sup>	Population Age 5+ Speaking English Less than Very Well – Washington Tracking Network American Community Survey
Physical Environment	Air Quality	Ozone	Percent of day exceeding emissions standards
		Particulate Matter 2.5	Percent of days exceeding emission standards, population adjusted average
	Recreation and Fitness Access		Recreation and fitness facilities establishments per 100,000 population
		Parks <sup>viii</sup>	Children's Access to a Park – Washington Tracking Network ESRI, NAVTEC, and OFM (by Census Tract)
Clinical Care	Access to Care	Primary Care Physician Rate	Number of primary care physicians
			Primary care physician rate per 100,000 population
		Personal Health Care Provider <sup>ix</sup>	Percent of adults who report having a personal health care provider – Washington Tracking Network BRFSS
		Lack of Consistent Source of Primary Care	Percent of adults without any regular doctor
		Dental Care Utilization	Percent of adults with no dental exam in past year
		Dentists <sup>x</sup>	Rate of population to dentists – County Health Rankings and Roadmaps (2017)
		Federally Qualified Health Centers	Number of Federally Qualified Health Centers
		Health Professional Shortage Area	Percent of population living in a health professional shortage area
	Unmet Medical Needs <sup>xi</sup>	Percent of adults who report being unable to obtain medical services due to cost – Washington Tracking Network BRFSS	
	Access to Mental Health		Mental health care provider rate per 100,000 population

		Mental Health Care Provider Rate	Ratio of mental health providers to population (1 provider per x persons)
		Count of substance use disorder (SUD) providers	Count of agencies providing SUD – Substance Abuse and Mental Health Services Administration <sup>xii</sup>
	Cancer Screening	Breast Cancer Screening	Percent of female Medicare beneficiaries age 67-69 with Mammogram in past 2 years
		Cervical Cancer (Pap Test)	Percent of females age 18+ with regular pap test
		Colon Cancer Screening	Percent of adults age 50+ ever screened for colon cancer
	Inpatient Discharges		Count of hospital discharges – CHARS Hospital Inpatient Discharge Database Reports 2013-2017 <sup>xiii</sup>
	Preventative Clinical Care	Diabetes Management	Percent of Medicare enrollees with diabetes with annual exam
		High Blood Pressure Management	Percent of adults NOT taking blood pressure medication when needed
		Pneumonia Vaccinations	Percent of adults age 65+ with Pneumonia vaccination
		HIV Screenings	Percent of adults (12-70) never screened for HIV/AIDS
Percent of adults (18-70) never screened for HIV/AIDS			
Preventable Hospital Events	Preventable hospital admission rate per 1,000 Medicare enrollees		
Health Behaviors and Outcomes	Top 10 Causes of Death		Age-adjusted death rate
	Top 10 Hospital Diagnosis		Age-adjusted rate per 100,000 population
	Poor General Health		Percent of population self-reported having poor or fair health
	Poor Dental Health		Percent of adults with poor dental health
	Life Expectancy	Life Expectancy for Infants	Life expectancy for infants (years)
			Life expectancy for infants (years) by ethnicity
		Years of Additional Life Expectancy Age 60-64	Years of additional life expectancy age 60-64
			Years of additional life expectancy age 60-64 by ethnicity
	Premature Death	Years of potential life lost rate per 100,000 population	
	Obesity	Adult Overweight and Obesity	Percent of adults overweight (BMI > 25, < 30)
			Percent of adults obese (BMI > 30)
		Youth Overweight and Obesity	Percent of youth overweight
			Percent of youth obese
			Percent of youth overweight or obese
		Physical Inactivity	Percent of adults with no leisure time physical activity
	Inadequate Fruit/Vegetable Consumption	Percent of adults with inadequate fruit/vegetable consumption	
	Diabetes		Percent of population with diagnosed diabetes
			Percent of Medicare beneficiaries with diabetes
	Cancer	Cancer Mortality	Cancer mortality age-adjusted death rate per 100,000 population
		Breast Cancer	Breast cancer incidence rate per 100,000 females

			Breast cancer mortality age-adjusted death rate per 100,000 females
		Cervical Cancer	Cervical cancer age-adjusted incidence per 100,000 females
			Cervical cancer count, 5-year period
			Cervical cancer mortality age-adjusted death rate per 100,000 females
		Prostate Cancer	Prostate cancer age-adjusted incidence per 100,000 males
			Prostate cancer new cases, annual average
			Prostate cancer mortality age-adjusted death rate per 100,000 males
		Colon and Rectum Cancer	Colon and rectum cancer age-adjusted incidence per 100,000 population
			Colon and rectum cancer mortality age-adjusted death rate per 100,000 population
		Lung Cancer	Lung cancer age-adjusted incidence per 100,000 population
			Lung cancer age-adjusted death rate per 100,000 population
	Lung and Heart Disease	Lung Disease Mortality	Lung disease mortality age-adjusted death rate per 100,000 population
		Asthma Prevalence	Percent of adults with asthma
		Current Smokers	Percent of population currently smoking cigarettes age-adjusted
		Smoker Quit Attempts	Percent of smokers with quit attempt in past 12 months
		Coronary Heart Disease Mortality	Coronary heart disease mortality age-adjusted death rate per 100,000 population
		Heart Disease Mortality	Heart disease mortality age-adjusted death rate per 100,000
		Heart Disease Prevalence	Percent of adults with heart disease
		Stroke Mortality Rate	Stroke mortality age-adjusted death rate per 100,000
	Pre-Conceptual and Perinatal	Infant Mortality and Infant Death	Infant mortality rate per 1,000 total population
			Infant mortality rate per 1,000 by ethnicity
			Number of infant deaths
		Low Birth Weight	Percent low birth weight total population
			Percent low birth weight by ethnicity
		Births to Smoking Mothers	Percent of births to smoking mothers total population
			Percent of births to smoking mothers by ethnicity
		Teen Birth Rate	Teen birth rate per 1,000 total population
	Teen birth rate per 1,000 by ethnicity		
	Number of teen births		
	Accidents, Homicides, and Suicides	Motor Vehicle Crash Mortality	Average annual motor vehicle deaths
			Motor vehicle crash mortality age-adjusted death rate per 100,000 population

		Pedestrian Motor Vehicle Crash Mortality	Pedestrian motor vehicle crash average annual death rate per 100,000 population
		Unintentional Injury Morality	Unintentional injury age-adjusted death rate per 100,000 Unintentional injury average annual deaths
		Homicide	Homicide crude death rate per 100,000 population Homicide average annual death
		Violent Crime	Violent crime rate per 100,000 population
		Suicide	Suicide average annual deaths
			Suicide age-adjusted death rate per 100,000 population
			Rate of suicide attempts <sup>xiv</sup>
	Drug and Alcohol Use	Alcohol Consumption (Adult)	Excessive drinking
		Alcohol-Impaired Driving Deaths	Alcohol-impaired driving deaths
		Drug Overdose Deaths	Drug overdose deaths per 100,000 population
		Drug and Alcohol Use (Youth)	Current (past 30-day) substance use, grade 12
		Drug Overdoses – Non-Fatal Hospitalization <sup>xv</sup>	Hospitalizations due to any drug overdose – age-adjusted rates per 100,000 – Washington Tracking Network ICD-9-CM or ICD-10-CM Department of Health Injury Program
		Opioids	Hospitalizations due to opioid overdose – age-adjusted rates per 100,000 – Washington Tracking Network ICD-9-CM or ICD-10-CM from the Department of Health's Injury Program (2013-2017) <sup>xvi</sup>
	All-opioids – prescription and illicit – fatal overdoses – age-adjusted rate per 100,000 – Washington Tracking Network ICD-9-CM or ICD-10-CM from the Department of Health's Injury Program (2013-2017) <sup>xvii</sup>		
	Sexually Transmitted Infections		Gonorrhea incidence rate
			Chlamydia incidence rate
			HIV prevalence
			Primary and Secondary Syphilis Rater per 100,000 - National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention <sup>xviii</sup>

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<sup>i</sup> [https://www.nass.usda.gov/Quick\\_Stats/CDQT/chapter/2/table/7/state/WA/county/007](https://www.nass.usda.gov/Quick_Stats/CDQT/chapter/2/table/7/state/WA/county/007)

<sup>ii</sup> [https://www.nass.usda.gov/Quick\\_Stats/CDQT/chapter/2/table/7/state/WA/county/007](https://www.nass.usda.gov/Quick_Stats/CDQT/chapter/2/table/7/state/WA/county/007)

<sup>iii</sup> <https://www.unitedforalice.org/all-reports>

<sup>iv</sup> [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_17\\_5YR\\_B19013&prodType=table](https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_B19013&prodType=table)

<sup>v</sup> <http://realestate.washington.edu/research/wcrer/housing-reports/>

<sup>vi</sup> Washington State Office of Superintendent of Public Instruction

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- vii <https://fortress.wa.gov/doh/wtn/WTNPortal/>
  - viii <https://fortress.wa.gov/doh/wtn/WTNPortal/>
  - ix <https://fortress.wa.gov/doh/wtn/WTNPortal/#!q0=1109>
  - x <http://www.countyhealthrankings.org/app/washington/2019/measure/factors/88/description>
  - xi <https://fortress.wa.gov/doh/wtn/WTNPortal/#!q0=1114>
  - xii <https://findtreatment.samhsa.gov/>
  - xiii <https://www.doh.wa.gov/DataandStatisticalReports/HealthcareinWashington/HospitalandPatientData/HospitalDischargeDataCHARS/CHARSReports#2018>
  - xiv Washington State Department of Health Community Health Assessment Tool
  - xv <https://fortress.wa.gov/doh/wtn/WTNPortal/#!q0=4661>
  - xvi <https://fortress.wa.gov/doh/wtn/WTNPortal/#!q0=4660>
  - xvii <https://fortress.wa.gov/doh/wtn/WTNPortal/#!q0=1429>
  - xviii <https://www.cdc.gov/nchhstp/atlas/index.htm>