

## Long-Term Care & Support Services Publicly Available Data

### WORKFORCE

#### ▶ 1. Status of Our Healthcare Workforce

<p>1a. Estimated total workforce by State (e.g. dentists, pharmacists, physicians &amp; surgeons, RNs, etc.)</p> <p>1b. Estimates of given workforce occupation per 1000 population</p> <p>1c. Estimates of workforce by rural vs non-Rural</p>	<p>1. Occupational Employment Statistics (OES)</p>	<p>Semiannual survey that collects data on employment and wage estimates for over 800 occupations for each individual state. The OES program surveys takes 3 years to fully collect the sample of 1.2 million establishments. The collection is on a three-year survey cycle with the most recent data for May 2018.</p>	<ul style="list-style-type: none"> <li>- Data Source: US Bureau of Statistics</li> <li>- <a href="https://www.bls.gov/oes/tables.htm">https://www.bls.gov/oes/tables.htm</a></li> <li>- Notes: Data on self-employed individuals is not collected. Data is not stratified by population and age statistics. Analyzing this data based on population of a county should also include Census data.</li> <li>- Publicly Available: YES</li> </ul>
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#### ▶ 2. Demand & Projected Growth of Healthcare Occupations

<p>2a. Estimated workforce based on occupation &amp; county in California (e.g. NPs, RNs, dentists, pharmacists, physicians, etc.)</p> <p>2b. Demographics of Work Force Based on occupation (Age, Race/Ethnicity, Gender)</p> <p>2c. Estimated Average Annual Job Openings</p> <p>2d. Estimated Work Force &amp; Projected Growth</p> <p>2e. Location of providers and where they practice by zip code</p>	<p>2. Healing Arts Board Data</p>	<p>DCA provided OSHPD data annually related to licensee demographics, practice site, and educational background. OSHPD has access to the following healing arts boards: Registered Nursing, Vocational Nurses &amp; Psychiatric Technicians, Dental, Dental Hygiene, Medical, Osteopathic, Physician, &amp; Respiratory Care.</p>	<ul style="list-style-type: none"> <li>- Data Source: Department of Consumer Affairs (DCA) &amp; OSHPD</li> <li>- <a href="https://oshpd.ca.gov/workforce-capacity/workforce-data/">https://oshpd.ca.gov/workforce-capacity/workforce-data/</a></li> <li>- Notes: Data on self-employed individuals is not collected. Data is not stratified by population and age statistics. Analyzing this data based on population of a county should also include Census data.</li> <li>- Publicly Available: YES</li> </ul>
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► **3. Capacity of the Education Pipeline for Health Related Occupations**

<p>3a. Racial &amp; Ethnic mix of students applying for, entering into, and graduating college in majors that lead to health careers</p> <p>3b. Advanced education by discipline (primary care, specialty care, nursing), etc.)</p>	<p>3. Enrollment &amp; Education for Health-Degree Programs and Courses</p>	<p>Annual report on supply and demand for healthcare workers in California and gaps in the education pipeline. Data also includes the addition of specific data on California community college demographics on enrollment in health-related degree courses and graduates from health degrees. This will highlight the supply of healthcare workers in educational pipeline by identifying parallels in education and physician shortages.</p>	<ul style="list-style-type: none"> <li>- Data Source: Healthcare Clearing House Data, California Community College Student Records, &amp; OSHPD</li> <li>- <a href="https://oshpd.ca.gov/workforce-capacity/workforce-data/">https://oshpd.ca.gov/workforce-capacity/workforce-data/</a></li> <li>- Publicly Available: NO</li> </ul>
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► **4. Tracking of Health Professional Shortage Areas (HPSA)**

<p>4a. HPSA Scores by County</p> <p>4c. Medical Service Area by Zip code</p> <p>4d. Poverty Levels (FPL)</p> <p>4e. County Population</p> <p>4f. FTE's by Primary Care, Mental Health, &amp; Dental by County</p>	<p>4. Health Professional Shortage Areas</p>	<p>OSHPD utilizes a ratio as a tool to identify shortage areas throughout the state. This ratio is based on a combination of the poverty rate and the number of providers practicing in an area relative to the population. Together, these variables determine areas designated as HPSA healthcare shortage areas. Data on health professional shortage areas is collected on: Primary Care Providers, Mental Health Professionals, &amp; Dental Professionals.</p>	<ul style="list-style-type: none"> <li>- Data Source: CA Open Data Portal &amp; OSHPD</li> <li>- <a href="https://data.ca.gov/dataset/primary-care-health-professional-shortage-area-hpsa-census-detail">https://data.ca.gov/dataset/primary-care-health-professional-shortage-area-hpsa-census-detail</a>;</li> <li><a href="https://data.ca.gov/dataset/health-professional-shortage-area-mental-health">https://data.ca.gov/dataset/health-professional-shortage-area-mental-health</a>;</li> <li><a href="https://data.ca.gov/dataset/health-professional-shortage-area-dental">https://data.ca.gov/dataset/health-professional-shortage-area-dental</a></li> <li>- Notes: Data is not stratified by occupation type for mental health and dental professionals. Responsibilities of professions overlap such as NP, PA, and physicians - the presence of one</li> </ul>
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			<p>affects the need for another therefore a unified provider ratio may be a more appropriate marker for the definition of a shortage area.</p> <p>- Publicly Available: YES</p>
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**CAREGIVING & GROUP LIVING**

▶ **1. California Caregiving Profile including informal & community services**

<p>1a. Number of Family Caregivers  1b. Demographics of Family Caregivers (age, ethnicity/race, relationship)  1c. Activities of Caregiving (bathing or dressing, meals, shopping, aid with household chores)  1d. How often are tasks/activities performed (daily, weekly, monthly)  1e. Work outside of caregiving</p>	<p>1. Annual California Caregiving Survey</p>	<p>AARP has been conducting state caregiving surveys since 2014, averaging about 13 such surveys a year. In these surveys, a caregiver is considered to be someone who provides unpaid care for an adult who is at least 18 years of age. Our state surveys interview 800 to 1,200 voters who are at least 40 or 45 years of age by telephone or by cell phone. survey findings provide important information for state legislators to help pass caregiving-related legislation, such as the CARE Act, paid family leave that includes caregiving, tax credits for caregivers, respite care, nursing delegation and scope of practice, telehealth, and other state legislation.</p>	<ul style="list-style-type: none"> <li>- Data Source: AARP</li> <li>- <a href="https://www.aarp.org/research/topics/care/info-2018/state-caregiver-profiles.html">https://www.aarp.org/research/topics/care/info-2018/state-caregiver-profiles.html</a></li> <li>- <a href="https://www.aarp.org/content/dam/aarp/research/surveys_statistics/ltc/2019/california-caregiving-annotated-questionnaire.doi.10.26419-2Fres.00259.084.pdf">https://www.aarp.org/content/dam/aarp/research/surveys_statistics/ltc/2019/california-caregiving-annotated-questionnaire.doi.10.26419-2Fres.00259.084.pdf</a></li> <li>- Publicly Available: YES</li> </ul>
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► **2. Participation of Older Adults in Community-Based Care Programs**

<p>2a. Individuals served in community based agency programs (CalWORKS, CalFresh, In-home supportive services, &amp; Medi-Cal)</p> <p>2c. Average budget for CalWORKS, CalFresh, In-home supportive services, &amp; Medi-Cal</p> <p>2d. Basic demographics of individuals served (age, race/ethnicity, county) based on program</p>	<p>2. California Health &amp; Human Services Agency Program &amp; CMIPS</p>	<p>Participation data related to California agency programs: CalWORKS, CalFresh, In-home supportive services, &amp; Medi-Cal. Data can be stratified by county-level or legislative district level. CMIPS is an in-home supportive services program that functions for case management and IHSS recipients. CMIPS has approximately 5,000 end users across the fifty-eight (58) California counties, the California Department of Social Services (CDSS) Adult Programs Division (CDSS APD), Department of Health Care Services (DHCS), and the Office of Systems Integration (OSI) CMIPS Office. CMIPS also ensures timely exchange of information.</p>	<ul style="list-style-type: none"> <li>- Data Source: California Health &amp; Human Services &amp; CHHS Open Data &amp; State of California CMIPS</li> <li>- <a href="https://data.chhs.ca.gov/dataset/health-human-services-program-dashboard">https://data.chhs.ca.gov/dataset/health-human-services-program-dashboard</a></li> <li>- <a href="http://www.cmips.osi.ca.gov/">http://www.cmips.osi.ca.gov/</a></li> <li>- Notes: CMIPS data is limited to 5,000 participants served.</li> <li>- Publicly Available: NO</li> </ul>
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► **3. Annual Utilization of Long Term Care Facilities**

<p>4a. Facility Location</p> <p>4b. Annual Census &amp; Average Patient Days</p> <p>4c. Admissions &amp; Discharges from and to (hospitals, ED, SNF, etc.)</p> <p>4d. Patients by Payment Source</p> <p>4e. Population Demographics of Patients</p>	<p>4. Long Term Care Utilization Services</p>	<p>Data is submitted on an annual basis from Long-term care facilities. Data report is facility level data on services, capacity, utilization, demographics of patient population, and equipment expenditures.</p>	<ul style="list-style-type: none"> <li>- Data Source: OSHPD &amp; CHHS Open Data</li> <li>- <a href="https://data.ca.gov/dataset/long-term-care-facilities-annual-utilization-data">https://data.ca.gov/dataset/long-term-care-facilities-annual-utilization-data</a></li> <li>- <a href="https://data.ca.gov/dataset/long-term-care-facility-staffing">https://data.ca.gov/dataset/long-term-care-facility-staffing</a></li> <li>- Notes: Data is Facility Level, not Patient Level. May be beneficial to</li> </ul>
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			utilize MDS dataset from RESDAC to get nursing admission characteristics. - Publicly Available: YES
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► **4. Annual Utilization of Home Health Agencies & Hospice Agencies**

5a. Home Health Agency Location 5b. Home Infusion Therapy & Pharmacy Services 5c. Special Services 5d. Number of Patients receiving palliative care 5e. Demographics of Patients 5f. Admission by Source of Referral 5g. Visits by Type of Staff 5h. Patients & Visits by Principal Diagnosis	5. Home Health Agencies & Hospice Utilization	Data is submitted on an annual basis from Home Health Agencies & Hospices publicly funded. Data is reported on facility level. The report includes information on services capacity, visits, utilization, patient characteristics, and capital/equipment expenditures, and gross revenues.	- Data Source: OSHPD & CHHS Open Data - <a href="https://data.ca.gov/dataset/home-health-agencies-hospice-annual-utilization-report-complete-dataset">https://data.ca.gov/dataset/home-health-agencies-hospice-annual-utilization-report-complete-dataset</a> - Notes: Data is Facility Level, not Patient Level. - Publicly Available: YES
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**HOUSING**

► **1. Estimate of Homelessness**

1a. Point in Time Estimates by COC & State 1b. Estimate of Homeless Veterans by County 1b. Housing Inventory Count 1c. Basic Demographics of Homeless Population	1. Annual Homeless Assessment Report & Department of Veteran Affairs	Annual nationwide estimates of homelessness, including information about the demographic characteristics of homeless persons, service use patterns, and the capacity to house homeless persons.	- Data Source: HUD Exchange - <a href="https://www.hudexchange.info/homelessness-assistance/ahar/#2019-reports">https://www.hudexchange.info/homelessness-assistance/ahar/#2019-reports</a> - <a href="https://www.va.gov/HOMELESS/pit_count.asp">https://www.va.gov/HOMELESS/pit_count.asp</a> - Notes: Data is stratified by age groups; however age group is 25+. - Publicly Available: YES
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▶ **2. Affordable Housing**

<p>2a. Low Income Housing Programs - Number of Properties &amp; Units by County 2b. Household Income &amp; Housing Costs Estimates by County</p>	<p>2. California Affordable Housing</p>	<p>Affordable Housing Online has served low income renters in the U.S. for more than 15 years with the most complete and up-to-date info on low income housing, affordable housing, affordable apartments, subsidized housing, Public Housing and Section 8 Housing Choice Voucher (HCV) waiting list information.</p>	<ul style="list-style-type: none"> <li>- Data Source: Affordable Housing Online</li> <li>- <a href="https://affordablehousingonline.com/">https://affordablehousingonline.com/</a></li> <li>- Notes: We will need additional housing data and information, where can we get this data - senior specific?</li> <li>- Publicly Available: YES</li> </ul>
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**TECHNOLOGY**

▶ **1. Technology Use Among Seniors**

<p>1a. Smartphone &amp; Cellphone Usage 1b. Demographics of Older Adults using Cellphones 1c. Internet Usage 1d. Basic Demographics of Older Adults using Internet 1e. Social Media Usage of Older Adults</p>	<p>1.Tech Adoption among Older Adults</p>	<p>Survey data are released two years after the reports are issued. The analysis in reports are based on several Pew Research Center surveys. Respondents were interviewed by phone. Each of these surveys was conducted by interviewers at Princeton Data Source under the direction of Princeton Survey Research Associates International random-digit-dial samples were used.</p>	<ul style="list-style-type: none"> <li>- Data Source: PEW Research Center</li> <li>- <a href="https://www.pewresearch.org/internet/2017/05/17/technology-use-among-seniors/">https://www.pewresearch.org/internet/2017/05/17/technology-use-among-seniors/</a></li> <li>- Notes: Data is survey data and is not updated annually, Not stratified by state. National level statistics.</li> <li>- Publicly Available: YES</li> </ul>
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▶ **2. Broadband Usage by Seniors**

<p>2a. Broadband usage by Seniors 2b. Basic Demographics</p>	<p>2. Technology Utilization Among Seniors</p>	<p>Utilization of broadband services among seniors as well as participation in educational outreach programs to increase access to broadband capabilities.</p>	<ul style="list-style-type: none"> <li>- Data Source: Federal Communications Commission (FCC)</li> <li>- <a href="https://www.fcc.gov/">https://www.fcc.gov/</a></li> <li>- Publicly Available: NO</li> </ul>
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**INFORMATION & ASSISTANCE**

▶ **1. Tracking of consumer assistance system that connects individuals to local consumer assistance services**

<p>1a. Number of seniors receiving Medicare counseling through HICAP 1b. Number of assistance calls for transition services 1c. Number of seniors receiving food &amp; nutrition services</p>	<p>1. HICAP, Area Agency of Aging, Food &amp; Nutrition Services</p>	<p>The California Department of Aging (CDA) administers programs that serve older adults, adults with disabilities, family caregivers, and residents in long-term care facilities throughout the State. These services are provided locally by the Area Agencies on Aging (AAA), Medi-Cal Community Based Adult Services (CBAS) centers, or other contracted agencies. Website provides link to resources in each county.</p>	<ul style="list-style-type: none"> <li>- Data Source: HICAP, AAA, Food &amp; Nutrition Services</li> <li>- <a href="https://data.ca.gov/dataset/older-americans-act-title-iiic-1-nutrition-services-congregate-meals-program-and-participants">https://data.ca.gov/dataset/older-americans-act-title-iiic-1-nutrition-services-congregate-meals-program-and-participants</a></li> <li>- <a href="https://cahealthadvocates.org/hicap/">https://cahealthadvocates.org/hicap/</a></li> <li>- Notes: Need to improve tracking of assistance &amp; information</li> <li>- Publicly Available: NO</li> </ul>
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