

Database Project: Explore Care System

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EPPS 6354: Information management



Introduction



- ✓ WHO - Unprecedented growth in proportion of older population worldwide
 - ✓ 2020 data – number of individuals above 60 > children below 5 years
 - ✓ By 2030 – 1 in every 5 Americans will be 65 or older
 - ✓ Longer life- enjoy family and pursue new activities
 - ✓ However – decreased mental and physical capacity
 - ✓ Seniors/families make caregiving and healthcare decisions
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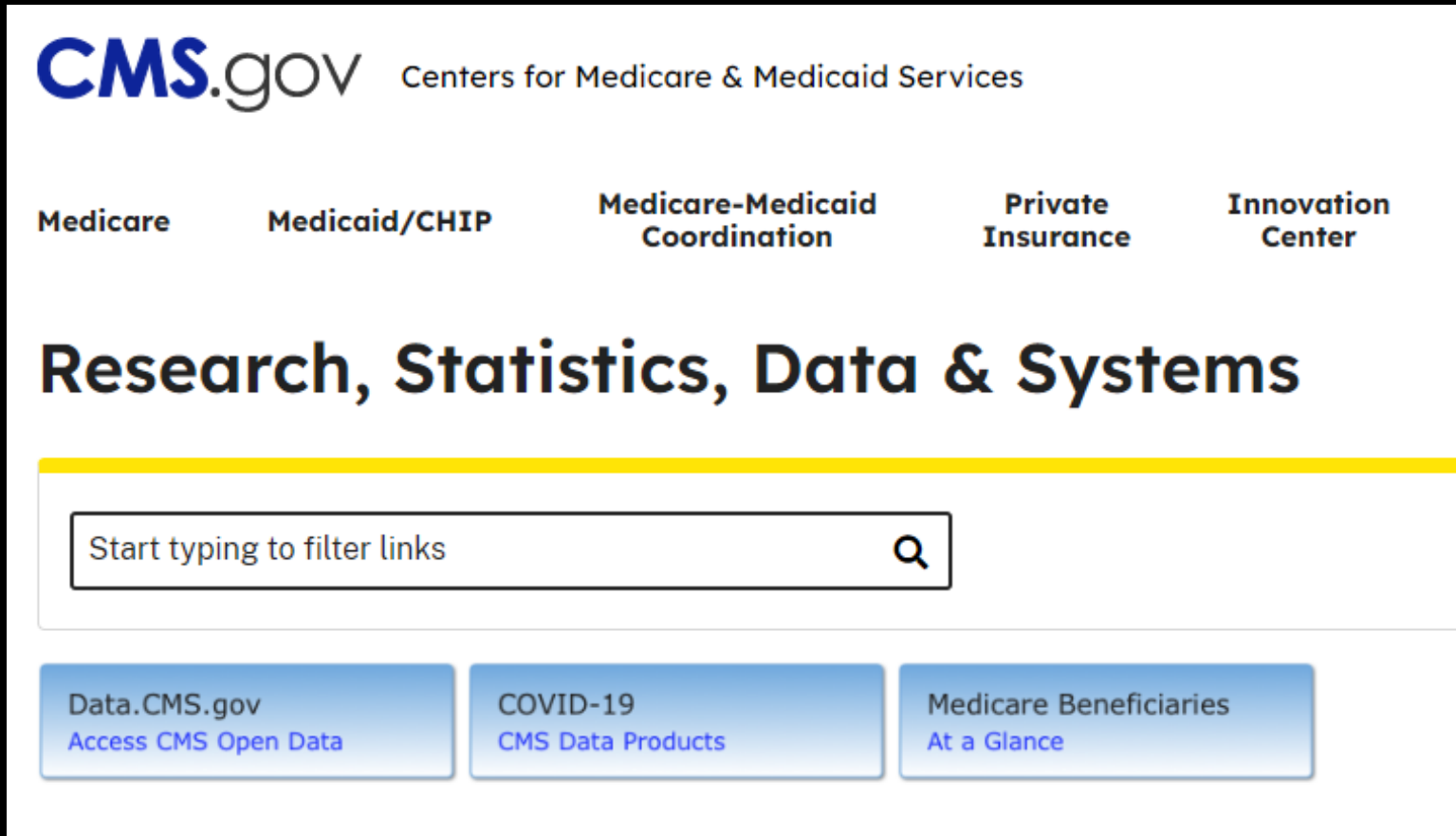
Explore Care Database: Purpose

- ✓ Used to build an application for caregiving and healthcare options
- ✓ California has the largest older population in the US.
- ✓ By 2052 - 26% of the state population will be 65 or above
- ✓ Explore Care database assembles data:



- rehabilitation centers
- cost of care
- nursing homes
- physicians
- Evaluate caregiving options through a single application.
- Scaled later

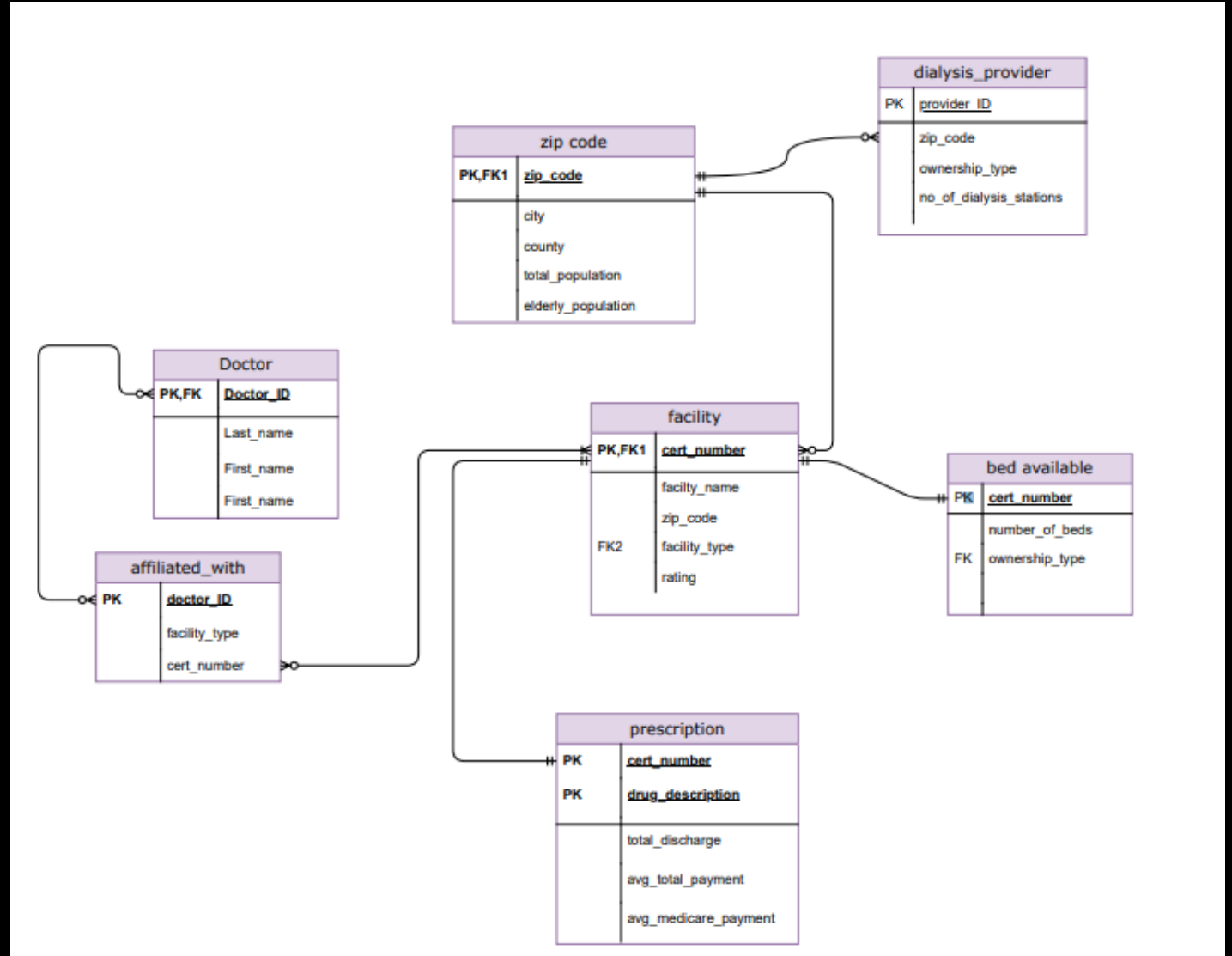
Data



<https://www.cms.gov/About-CMS/About-CMS>

Schema diagram

Schema Diagram for the proposed database



References

- Rowlands, Chloe Lee. 2022. “An Aging State: How is California Preparing for the Shift to an Older Population?” Local News Matters, April 1. localnewsmatters.org/2022/03/31/an-aging-state-how-is-california-preparing-for-the-shift-to-an-older-population/.
 - US Census Bureau. 2021. “Older People Projected to Outnumber Children for First Time in U.S. History.” Census.gov, October 8. www.census.gov/newsroom/press-releases/2018/cb18-41-population-projections.html.
 - WHO. 2022. “Ageing and Health.” World Health Organization, October 1. [www.who.int/news-room/fact-sheets/detail/ageing-and-health#:~:text=By%202030%2C%201%20in%206,will%20double%20\(2.1%20billion\)](https://www.who.int/news-room/fact-sheets/detail/ageing-and-health#:~:text=By%202030%2C%201%20in%206,will%20double%20(2.1%20billion)).
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