California Health Workforce Research Data Center

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Purpose of Presentation

- Research Data Center (RDC) overview

- RDC data sources

- Workforce data use cases

- Gather your feedback

RDC: Background

- Assembly Bill 133 created the Health Workforce RDC.
  - Central source of health care workforce and education data in the state.
- HCAI will produce an annual report to the legislature.
  - Identify education and employment trends.
  - Report on supply and demand and gaps in the educational pipeline.
  - Inform state policy to address workforce issues.
  - Describe workforce program outcomes and effectiveness.

RDC: Data Sources

- Administrative data:
  - Health and Safety Code 128051 gives HCAI authority.
  - Allows for improvements in data quality and response rates.
- Survey data
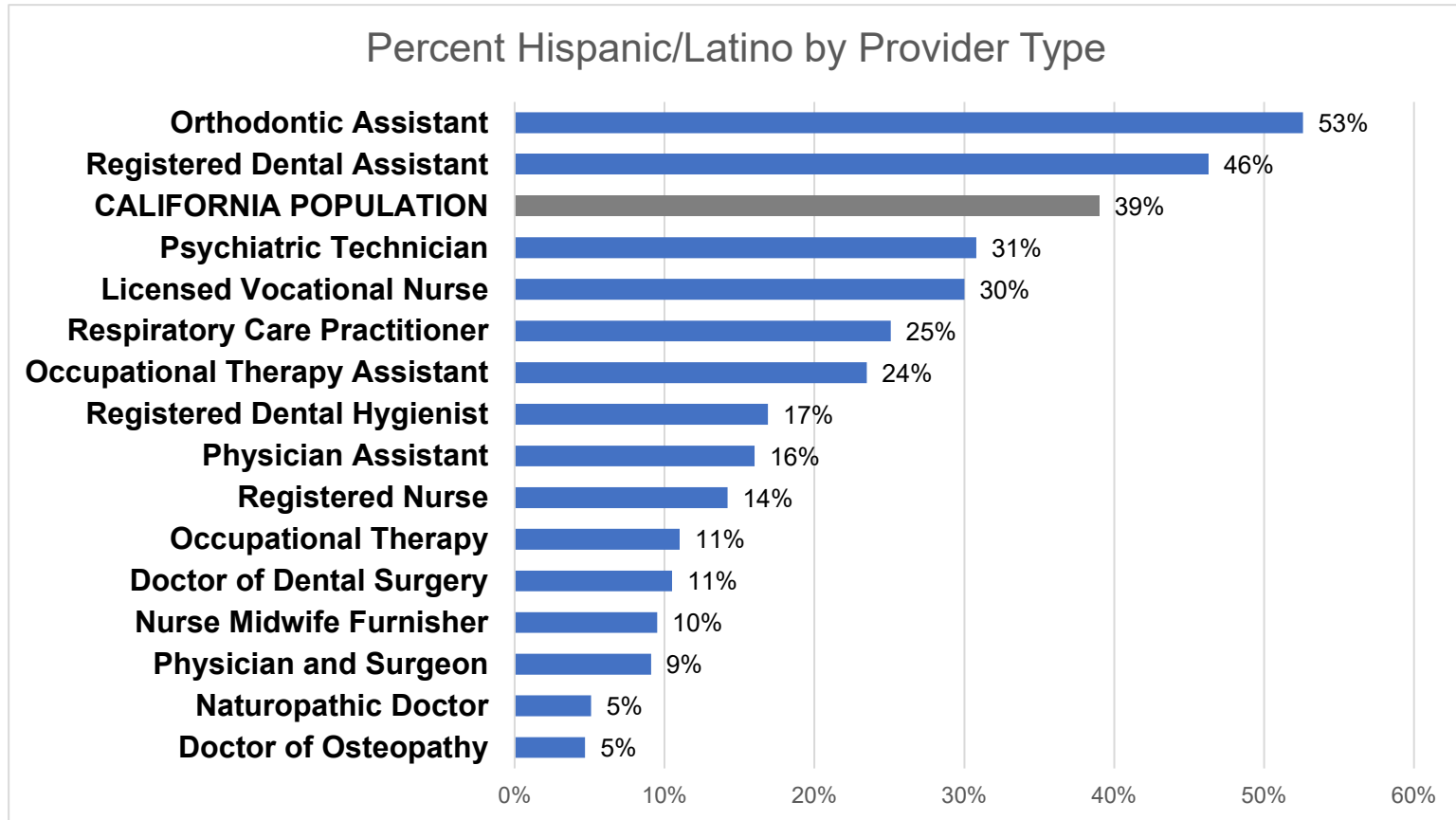- Public data

RDC: Administrative Data Collection

- Data from:
  - Employment Development Department (EDD).
  - State licensing boards.
  - State higher education entities.

- Data includes:
  - Supply and demand for workers.
  - Geographical distribution or workers.
  - Diversity of the workforce.
  - Educational capacity to produce workers.
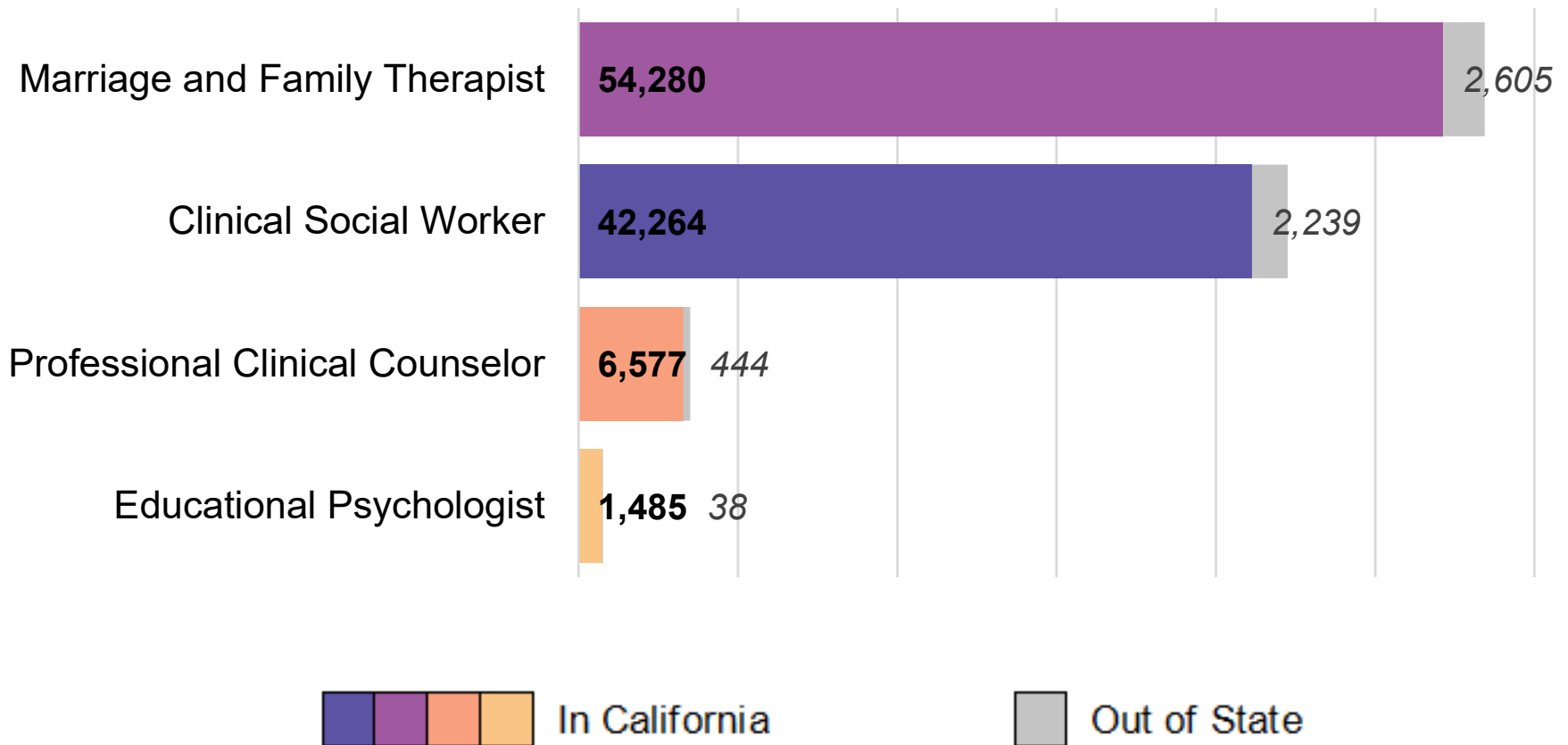
RDC: State Licensing Board Data

- Data collection integrated into the license renewal process.

- Collects a standard set of information from every licensee every two years:
  - Practice location
  - Hours spent in direct patient care
  - Specialty
  - Race/Ethnicity
  - Languages spoken
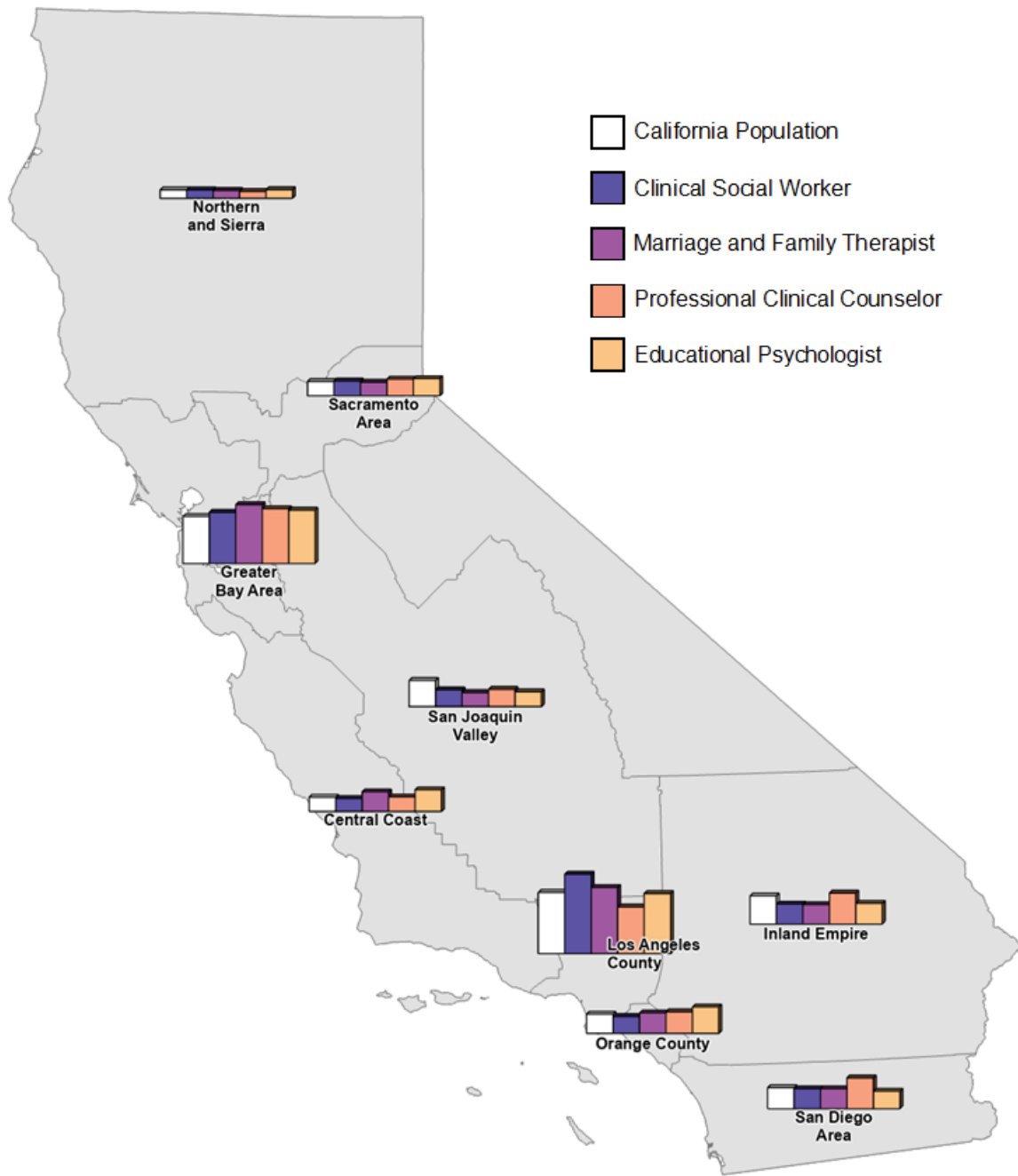 - Retirement plans
  - Education background
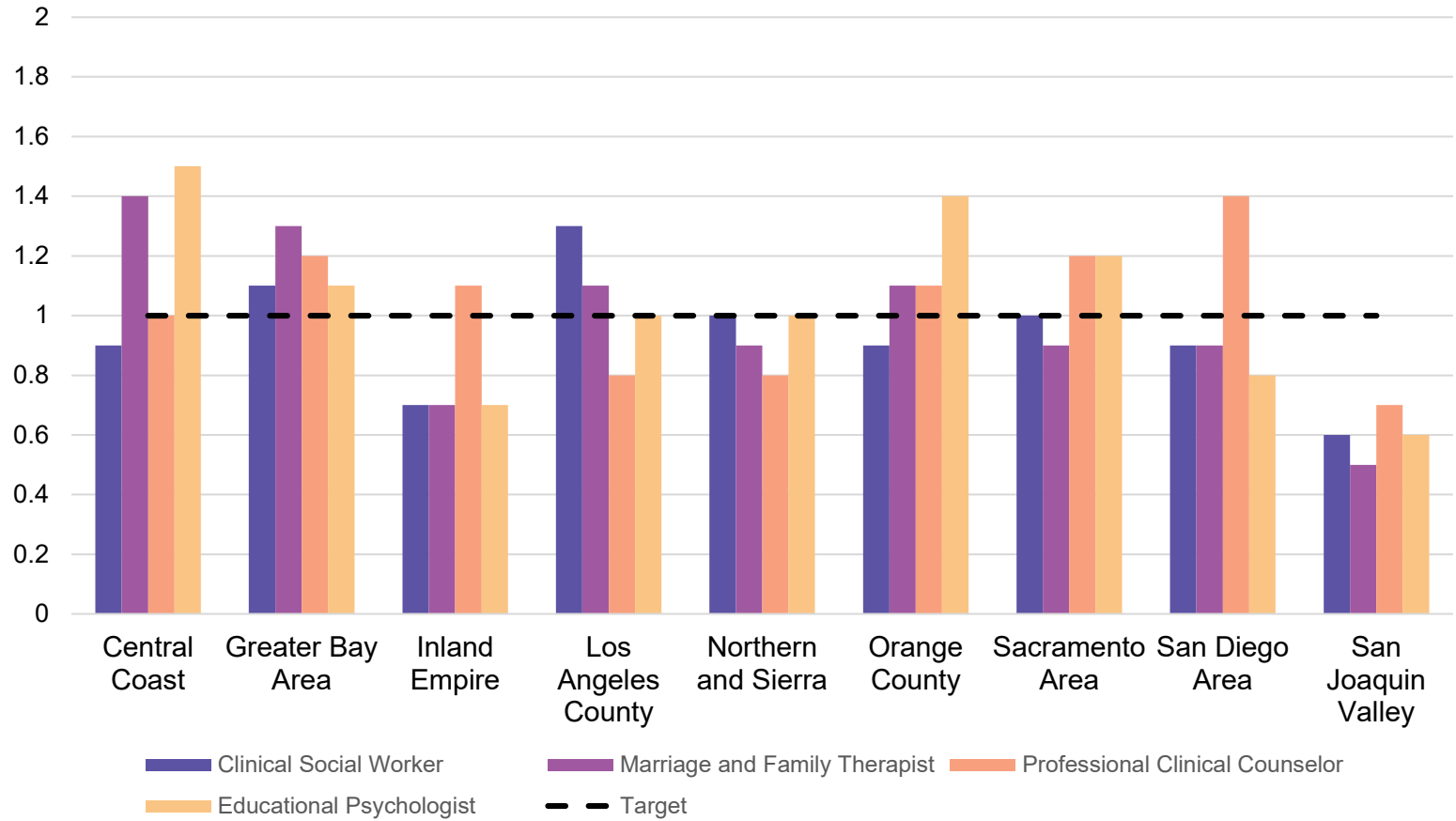
Licensure Data Example

Percent Hispanic/Latino by Provider Type

Provider Type	Percent
Orthodontic Assistant	53%
Registered Dental Assistant	46%
CALIFORNIA POPULATION	39%
Psychiatric Technician	31%
Licensed Vocational Nurse	30%
Respiratory Care Practitioner	25%
Occupational Therapy Assistant	24%
Registered Dental Hygienist	17%
Physician Assistant	16%
Registered Nurse	14%
Occupational Therapy	11%
Doctor of Dental Surgery	11%
Nurse Midwife Furnisher	10%
Physician and Surgeon	9%
Naturopathic Doctor	5%
Doctor of Osteopathy	5%

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Active Licenses: Behavioral Health

	In California	Out of State
Marriage and Family Therapist	54,280	2,605
Clinical Social Worker	42,264	2,239
Professional Clinical Counselor	6,577	444
Educational Psychologist	1,485	38

California Population

Clinical Social Worker

Marriage and Family Therapist

Professional Clinical Counselor

Educational Psychologist

Northern and Sierra

Sacramento Area

Greater Bay Area

San Joaquin Valley

Central Coast

Los Angeles County

Inland Empire

Orange County

San Diego Area
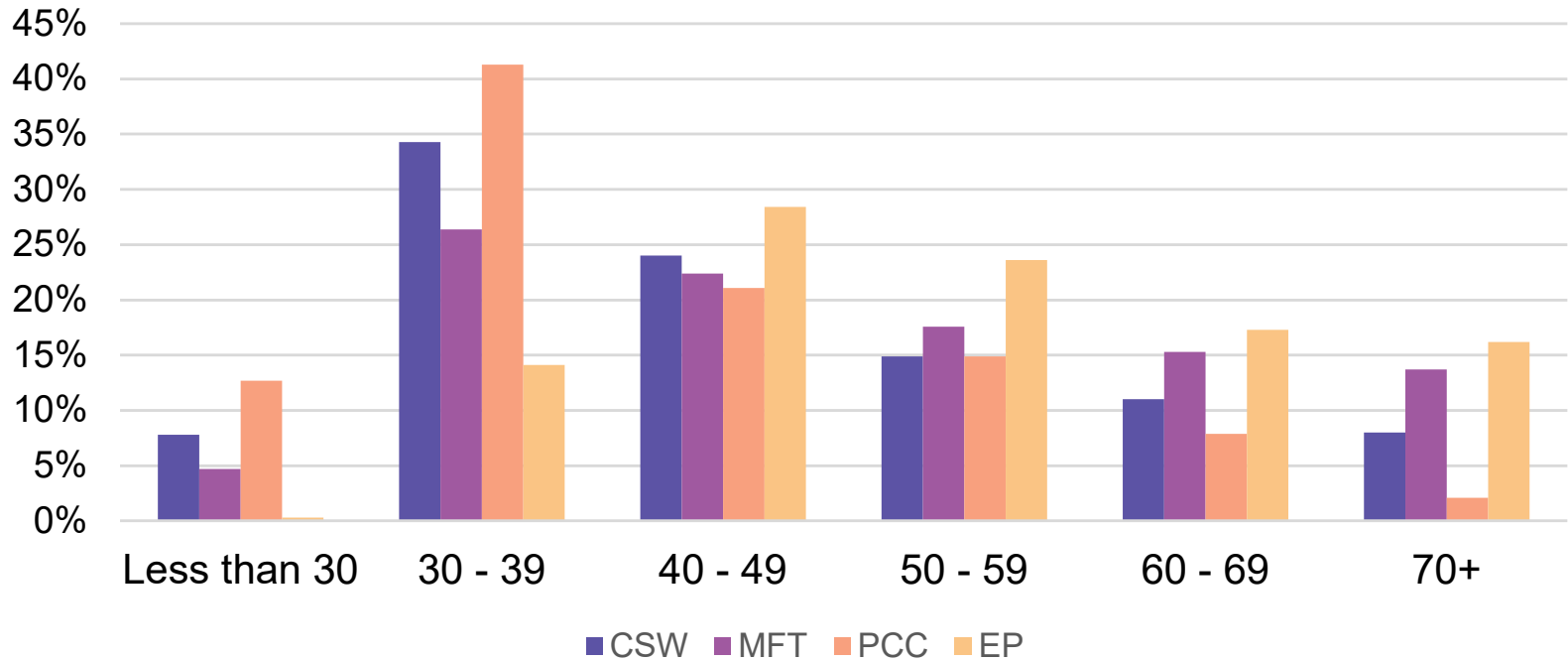
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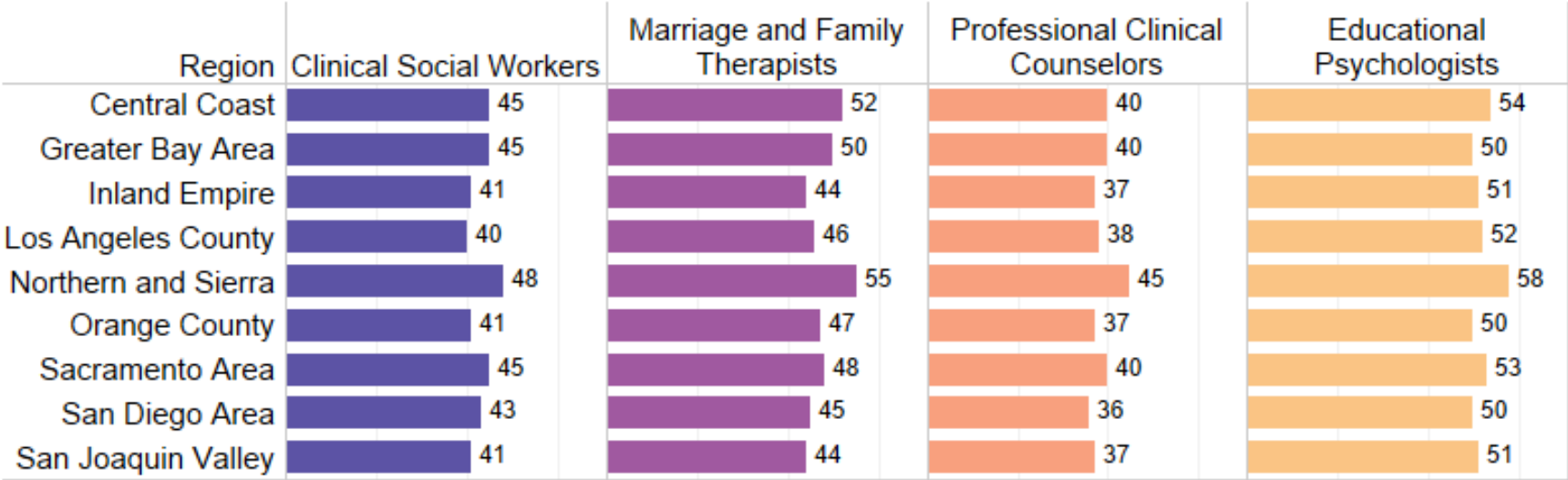Department of Health Care Access and Information

Distribution Index: Behavioral Health

New and Exiting Licenses by Year
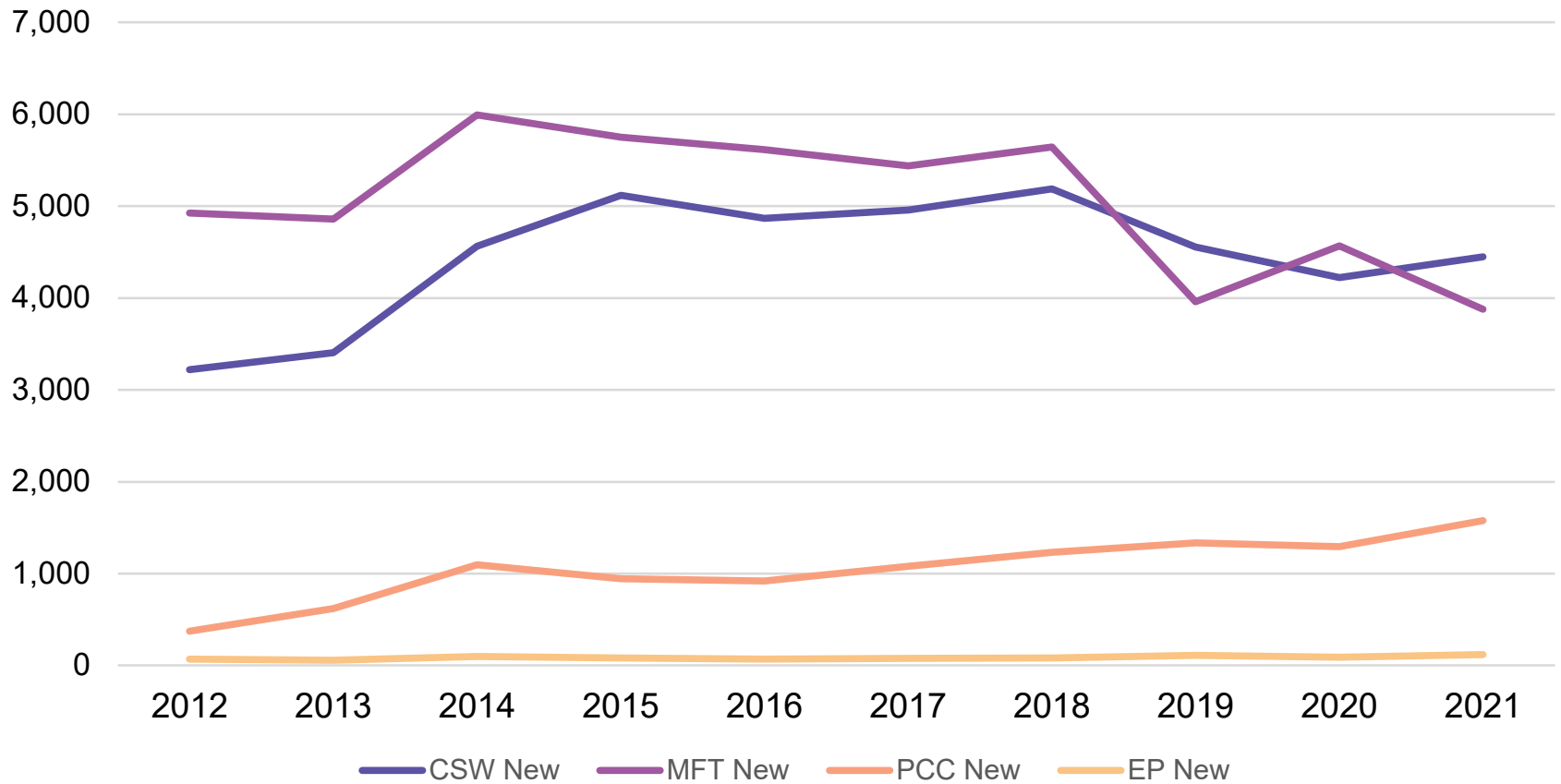
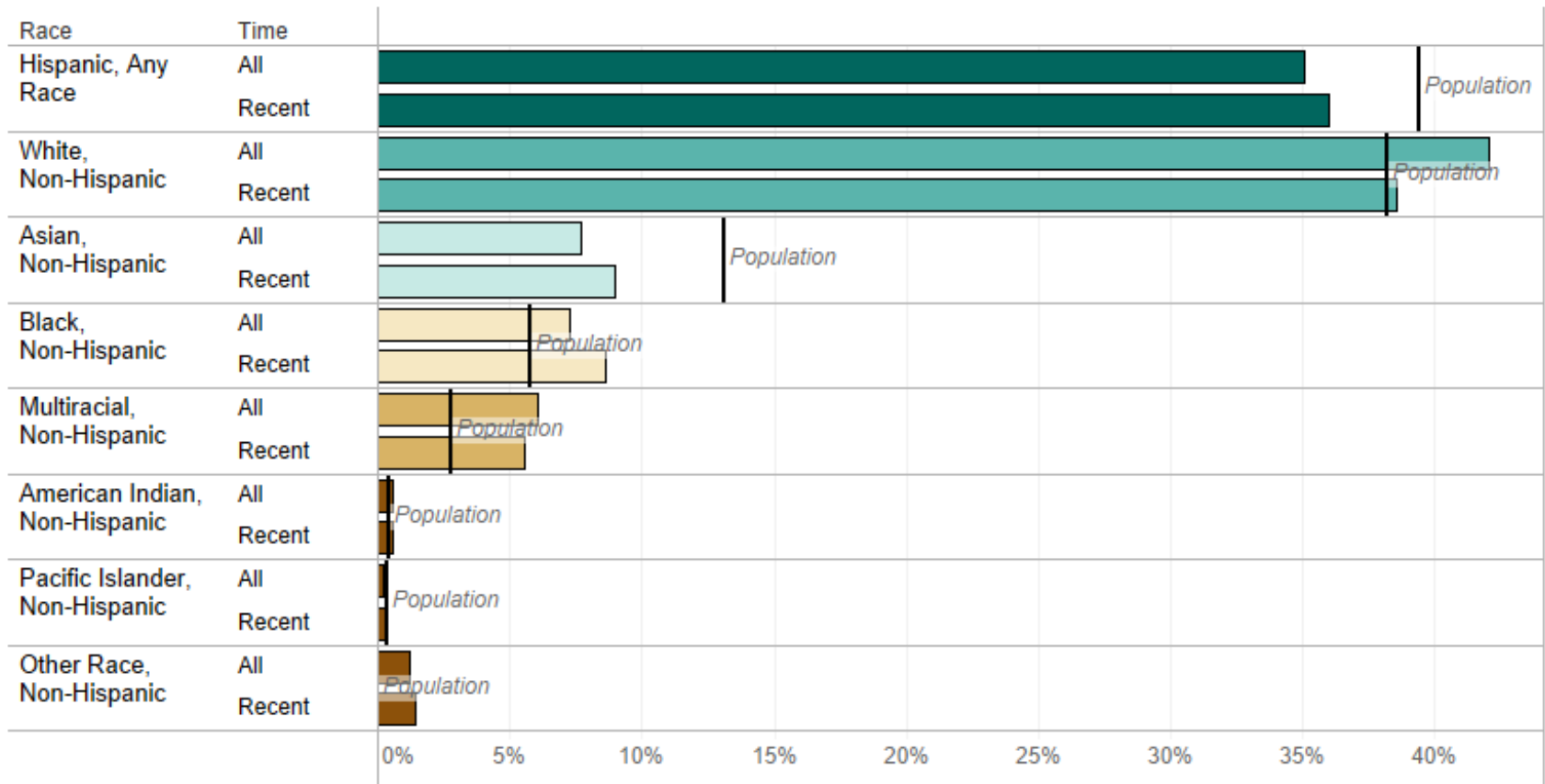Age Distribution: Behavioral Health

Median Age (Years) by Region

Region	Clinical Social Workers	Marriage and Family Therapists	Professional Clinical Counselors	Educational Psychologists
Central Coast	45	52	40	54
Greater Bay Area	45	50	40	50
Inland Empire	41	44	37	51
Los Angeles County	40	46	38	52
Northern and Sierra	48	55	45	58
Orange County	41	47	37	50
Sacramento Area	45	48	40	53
San Diego Area	43	45	36	50
San Joaquin Valley	41	44	37	51

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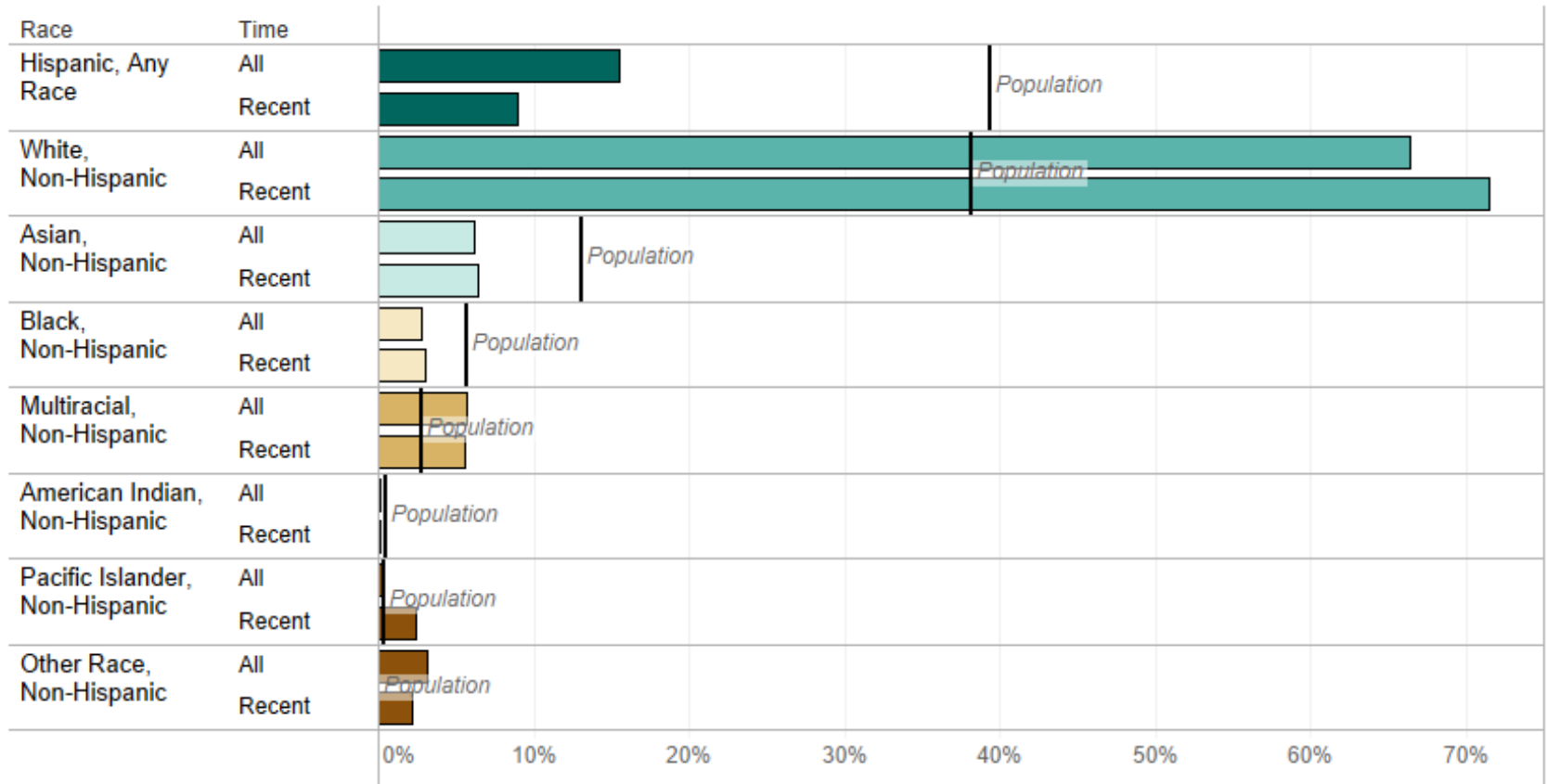Department of Health Care
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ACSW & LCSW by Race/Ethnicity
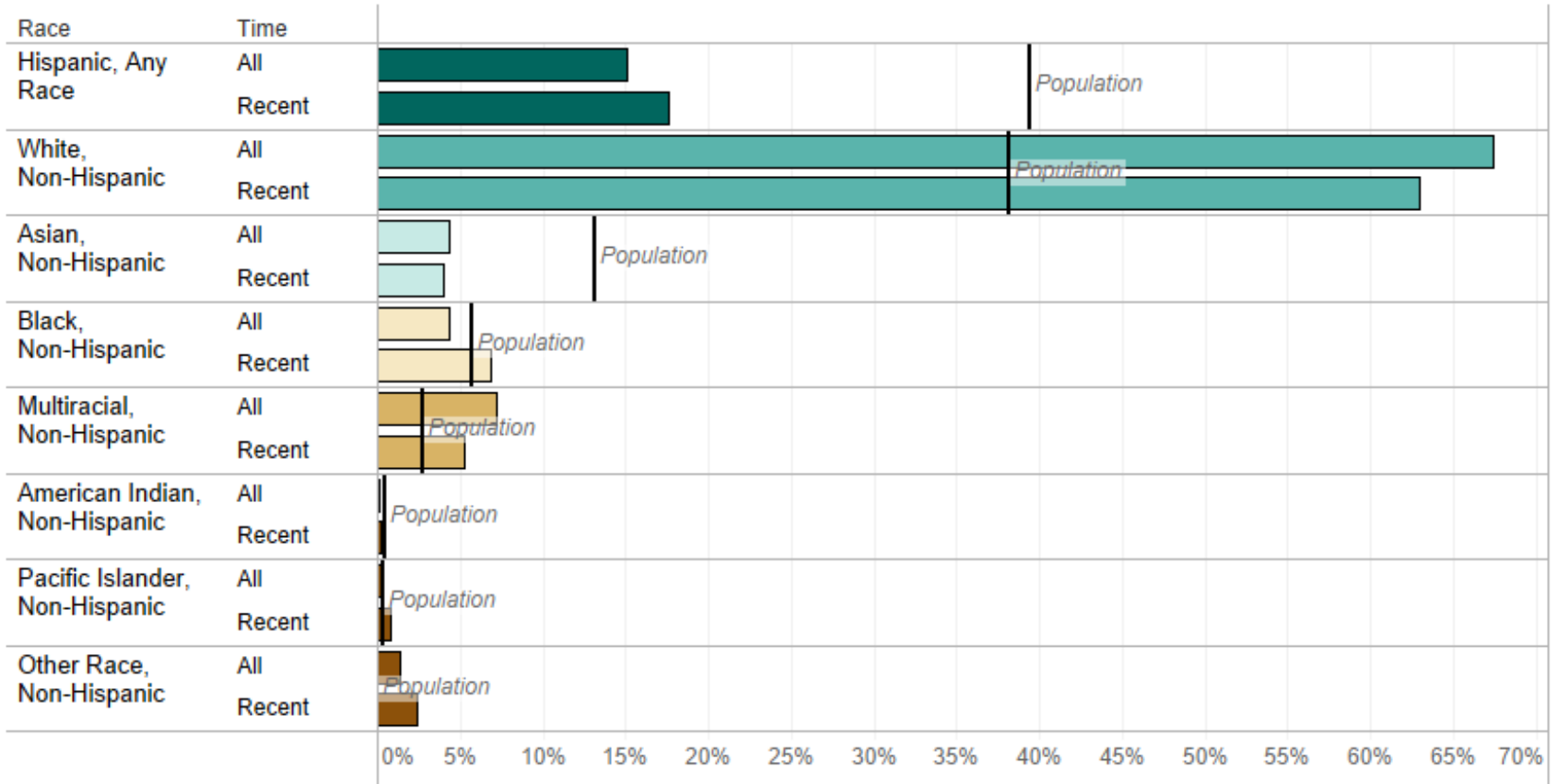Region(s): All

AMFT & LMFT by Race/Ethnicity
Region(s): All
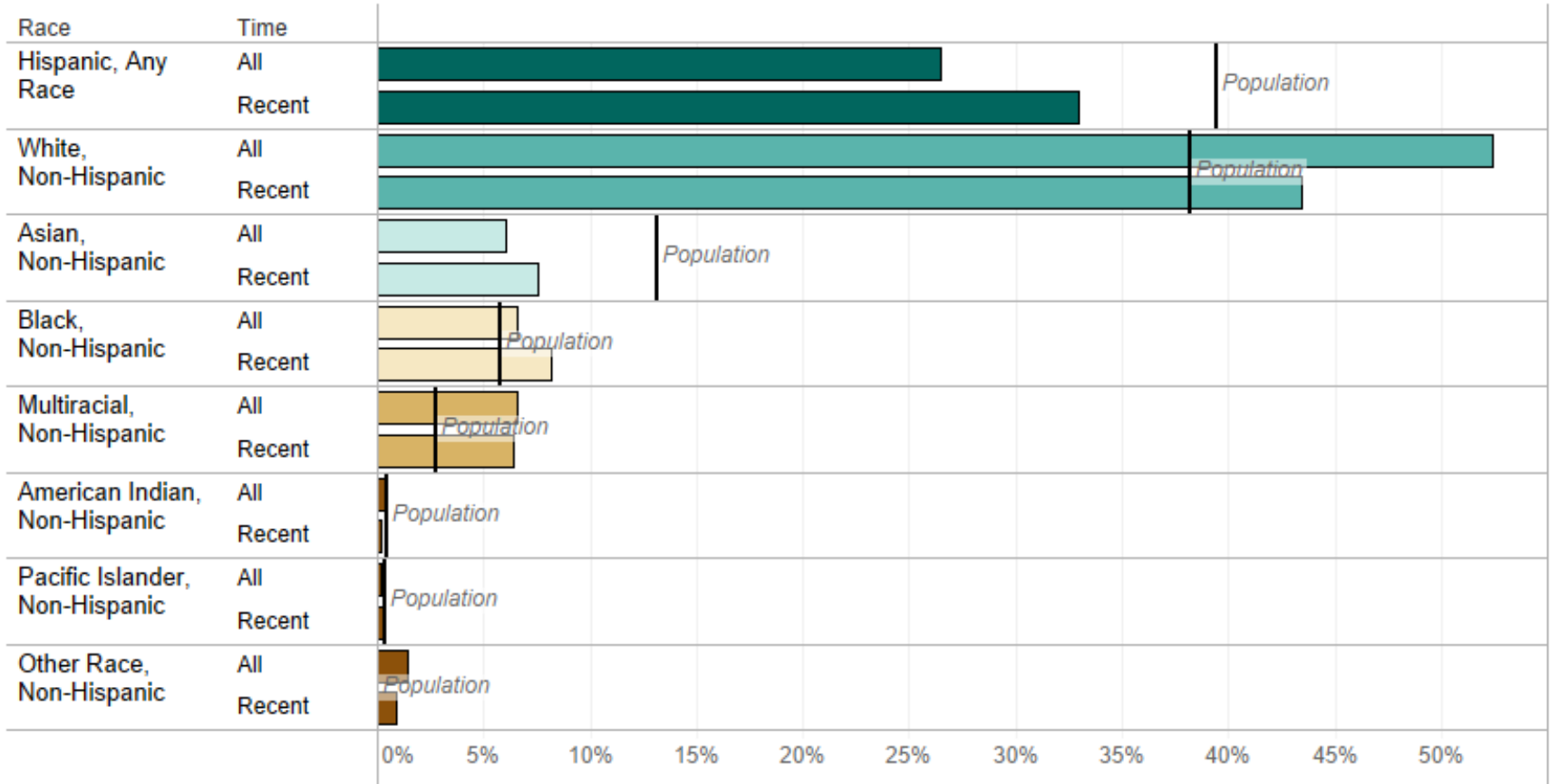
LPCC by Race/Ethnicity
Region(s): All

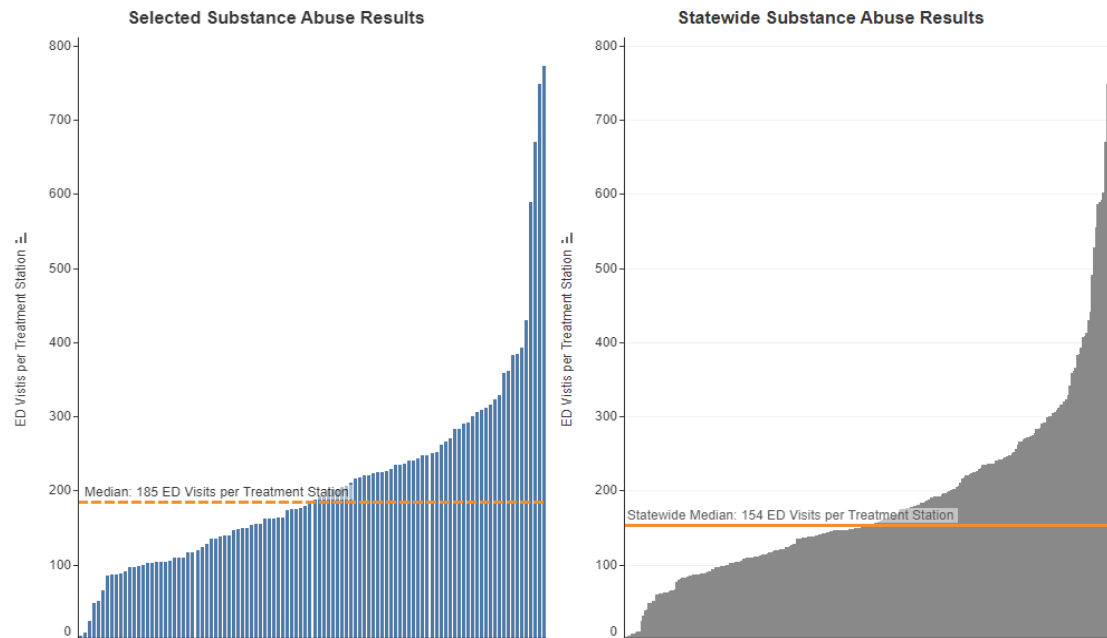LEP by Race/Ethnicity
Region(s): All

Workforce by Hospital Utilization Data

- Integration with hospital utilization data creates new research opportunities.

  - *Example*: Potential relationships between hospital burden and provider shortages

Emergency Department Volume and Capacity, 2019

Q&A

- How can data about workforce supply and demand help the Board achieve its goals?

- How can we continue to engage you and your constituents on the RDC?

Contact Information

Please contact me with any questions at:

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