Oregon APAC- Leveraging Race & Ethnicity Data From Other State Data Sources

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Oregon’s All Payer All Claims data (APAC)

- 2010 to current data
- Up to 98% of the Oregon population annually
- Commercial, Medicaid and Medicare payers
- Inpatient, outpatient, professional and pharmacy claims
- Monthly enrollment data (includes people with no claims)
- Billed premium data
- Provider data

https://www.oregon.gov/oha/HPA/ANALYTICS/Pages/All-Payer-All-Claims.aspx
How Many People Are in APAC and How Are They Insured?

- **Oregon Population**
  - 2011: 3,857,625
  - 2018: 4,190,713
- **People in APAC**
  - 2011: 3,369,197 (86%)
  - 2018: 3,882,503 (92%)
- **Commercial insured**
  - 2011: 2,338,070
  - 2018: 2,076,387
- **Medicaid**
  - 2011: 798,542
  - 2018: 1,223,304
- **Medicare**
  - 2011: 732,068
  - 2018: 976,062

Data points for each category from 2011 to 2018.
Paucity of Race & Ethnicity Data in APAC

No race data for 59% of the people in APAC

No ethnicity data for 72% of the people in APAC
Objective

• Strengthen availability of race and ethnicity data

• Leverage race and ethnicity data from other state data sources

• Inform Efforts to reduce health inequities—an OHA priority
Other State Data Sources

Oregon Eligibility (ONE)
- Application system data (self-reported text and check boxes)

Oregon Integrated Client Services Warehouse (ICS)
- Temporary Assistance for Needy Families (TANF)
- Food stamps
- Women Infants and Children (WIC)
- Medicaid (MMIS)
- Housing & Community Services
- Employment
- Education
- Corrections
Preferred/Rarest Race-Ethnicity Method (Pilot Project)

Single race-ethnicity identified based on preferred and the distribution of race and ethnicity in the state

Prioritize self-identified preferred race/ethnicity (ONE)

Oregon (rarest race-ethnicity distribution)-prioritize rarest when multiple reported and preferred not reported

- Native Hawaiian or Pacific Islander (HAPI)
- Black or African American
- American Indian or Alaskan Native (AIAN)
- Hispanic or Latino
- Asian
- White
- Other

Prioritize data sources

- ONE (REALD data-self reported and preferred)
- APAC-ICS

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3681827/
**APAC-ONE-ICS**

Leveraged Race & Ethnicity Data (Pilot-under review)

6 million people in APAC

Matched APAC-ONE-ICS by names & dates of birth

Race-Ethnicity identified for:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>People with Medicaid</td>
<td>97%</td>
</tr>
<tr>
<td>People with Medicare</td>
<td>96%</td>
</tr>
<tr>
<td>People with commercial</td>
<td>67%</td>
</tr>
</tbody>
</table>
Race-Ethnicity of People In APAC (preferred/rarest)

- **HAPI**: 28,258 (0.5%)
- **Black/AA**: 187,763 (3%)
- **AIAN**: 119,591 (2%)
- **HispLat**: 568,360 (9%)
- **Asian**: 152,937 (3%)
- **White**: 3,341,775 (55%)
- **Other**: 93,680 (2%)
- **NoR/E**: 1,550,292 (26%)

(95% commercial)
White: 55% of APAC

- Total: 2,101,790 - 2,268,632
- Commercial: 1,315,226 - 1,011,996
- Medicaid: 649,618 - 797,192
- Medicare: 510,096 - 759,679

Years: 2011 to 2018
Contact & Information

APAC Website:
https://www.oregon.gov/oha/HPA/ANALYTICS/Pages/All-Payer-All-Claims.aspx

REALD Websites
https://www.oregon.gov/oha/OEI/Pages/REALD.aspx

https://sharedsystems.dhsoha.state.or.us/DHSForms/Served/me0074.pdf

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