Equitable Access to ECE: Mapping as a Tool for Planning and Policy

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Access to early care and education means that parents, with reasonable effort and affordability, can enroll their child in an arrangement that supports the child’s development and meets the parents’ needs.

(Friese, Lin, Forry & Tout, 2017)
Inform Planning, Action & Policy

- Identify high-need areas
- Promote resource equity
- Baseline data
- Track progress over time
What Did We Measure?

**ECE Providers**
FCCH, licensed centers, public preK

**Nearby Seats**
# of nearby children per nearby seat

**Affordability**
Tuition cost as % median area family income

**Quality**
Seat in accredited center or public preK

**Combined**
Data Sources

- DHS childcare licensing, EOEL
- Real property
- ACS 5-year population estimates
- Roadmap & transit data
Nearby Seats Index

\[ R_1 = \frac{Population_1}{Capacity_1} \]

5-mile driving distance catchment areas

\[ A_i = R_1 + R_2 \]

\[ R_2 = \frac{Population_2}{Capacity_2} \]

≈ tots per slot (low is good)
Statewide Scores

Hawai‘i at a Glance

- There are 4 children under age six for each ECE seat located within 5 miles of their home.
- The average cost of a nearby seat is 10% of the area’s median family income.
- On average, 40% of nearby seats are high quality.

Note: As of September 2019.
Access to Early Childhood Education and Care in Hawai‘i
Individual Activity: Treasure Hunt (10 mins)

Pick an Area of the State that Interests You

Pick One or More Questions to Answer:
- What types of providers serve your area?
- Where does your area stand on different access indexes?
- Does using public transit affect access?
- Which are the highest/lowest access communities (if you chose a large area)?

Report back:
- Use the Chat function (send to everyone)
- Name your area and note key points of what you found (including any surprises)
Debrief
Breakout Activity #2: Usefulness  (10 mins)

Discussion Questions:

● How could your organization use this site?
● Realistically, how can this tool inform ECE expansion?
● What other data could be added?
● Suggestions for dissemination, maximizing usefulness

Instructions

● Select question(s) to discuss
● Jamboard link in chat—each breakout group has a page
● Report back to full group
Debrief
Questions & Closing Comments

Access the web tool via direct URL or through COF website home page
uhfamily.hawaii.edu

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