Crossing the Chasm

“Being healthy means more than simply not being sick—it means having a sense of well-being and personal fulfillment”

February 20, 2019
Social Determinants of Health

- Economic Stability
- Social & Community Context
- Education
- Health Care
- Neighborhood & Environment
Economic Stability
1. Hawaii

- Difference between income needed vs. actual income: $39,915

Hawaii is the most expensive state to live in: The average annual expenditures total $111,892, with $55,946 needed to cover necessities and $33,568 needed for discretionary spending. The median household income of $71,977 — the fourth highest in the U.S. — isn’t enough to cover those two costs, even without putting anything away for savings.

If you find yourself living paycheck to paycheck in Hawaii or any other state, follow these survival tips.
Housing
Education
Workforce
2017 Occupational Employment and Wage Estimates

<table>
<thead>
<tr>
<th>Category</th>
<th>Wage Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Service</td>
<td>$40,080</td>
</tr>
<tr>
<td>Health Support</td>
<td>$39,360</td>
</tr>
<tr>
<td>Health Practice</td>
<td>$100,410</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>$91,380</td>
</tr>
<tr>
<td>Management</td>
<td>$96,520</td>
</tr>
<tr>
<td>Overall</td>
<td>$47,790</td>
</tr>
</tbody>
</table>
Social and Community Context
Age Demographics

Births per Year in the U.S., Source: www.cdc.gov
Income Bifurcation

Maui - Age 75+

- <$35K
- $35-50K
- $50-75K
- $75K+

2016 2021
Health and Health Care
Health Care
Physicians and Providers

THE SHORTAGE OF PROVIDERS IN HAWAII

ADVANCED PRACTICE REGISTERED NURSES
APRNs are registered nurses prepared by graduate education and certification to assess, diagnose, and manage patient problems, order tests, refer for specialty care and treatment, and prescribe medications.

<table>
<thead>
<tr>
<th>Supply</th>
<th>Demand</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>568</td>
<td>964</td>
<td>396</td>
</tr>
</tbody>
</table>

PROGRAMS OFFERED BY:
- University of Hawaii at Manoa: MSN, DNP
- University of Hawaii at Hilo: DNP

PHYSICIAN ASSISTANTS
PAs work with supervising physicians to perform patient histories, physical examinations, surgical procedures, and patient education. They prescribe medications, and order and interpret laboratory and imaging tests.

<table>
<thead>
<tr>
<th>Supply</th>
<th>Demand</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>181</td>
<td>393</td>
<td>212</td>
</tr>
</tbody>
</table>

PROGRAMS OFFERED BY:
There are no programs available in Hawaii at this time.

PHYSICIANS
Physicians perform physical examinations, diagnose and treat illnesses, injuries, and other disorders. They can prescribe and administer medications and treatments, perform surgery, and conduct research to aid in disease control or the development of new treatments.

<table>
<thead>
<tr>
<th>Supply</th>
<th>Demand</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>2927</td>
<td>3440</td>
<td>513</td>
</tr>
</tbody>
</table>

PROGRAMS OFFERED BY:
- University of Hawaii John A. Burns School of Medicine: MD
- A.T. Still University School of Osteopathic Medicine: DO

The need is 797 FTE when island-specific specialty needs are considered.
Rebalancing Long-Term Supports and Services in QExA

- HCBS Clients
- Institutional Clients

2008: 2,050 HCBS, 3,054 Institutional
2009: 2,143 HCBS, 2,990 Institutional
2010: 2,650 HCBS, 3,876 Institutional
2011: 2,350 HCBS, 4,164 Institutional
2012: 2,476 HCBS, 4,572 Institutional
2013: 2,404 HCBS, 4,646 Institutional

- 2596 more served in LTC HCBS
- 650 less served in nursing homes

State of Hawaii Department of Human Services Med-QUEST Division
Neighborhood and Built Environment
“Incomplete Street”
Today Alexander & Baldwin announced they’ll be shutting down sugarcane operations by late 2016.
The Crossroads

If you keep on doing what you are doing, you will keep on getting what you are getting
No Margin, No Mission?
Option 1: Margin, No Mission
Option 2: Mission, No Margin
Maybe we got it wrong
No Mission, No Margin?

Finding a solution to balancing margin and mission
Option 3: Mission and Margin
Upstream work for Downstream Benefits

• Health care costs and better health
• Community building
• Affordable housing solutions
• Workforce development – we can grow our own!
• Open space for recreational activities
• Food sustainability – healthy foods grown on Maui
Opportunity?