BEHAVIORAL HEALTH & HOMELESSNESS STATEWIDE UNIFIED RESPONSE GROUP (BHHSURG)

COVID-19 UPDATE

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HI-EMA ESF-8 LEAD, MEDICAL RESOURCES

Presenters

- **Benjamin Park, Chief Planner**
  Hawai‘i Public Housing Authority

- **Curtis Toma, MD, Med-QUEST Medical Director**
  HI-EMA ESF-8 Lead, Medical Resources

Benjamin Park, Chief Planner

Hawai‘i Public Housing Authority

Curtis Toma, MD
Med-QUEST Medical Director

HI-EMA ESF-8 Lead, Medical Resources

BHHSURG Covid-19 Updates:
Data, Keiki and Going Forward

October 26, 2020

Curtis Toma, MD
Med-QUEST Medical Director
HIEMA ESF-8 Lead, Medical Resources

Mortality Per Capita

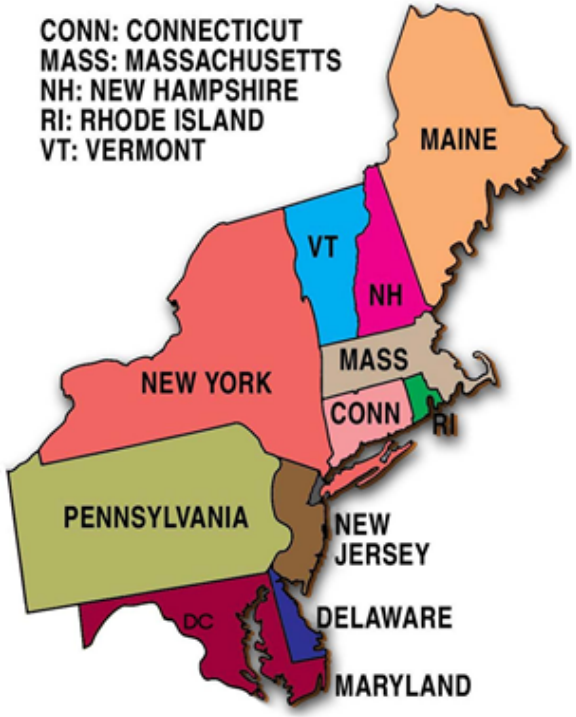
Highest	Lowest
1) NJ	1) AK/VT
2) NY	2) WY
3) MA	3) ME
4) CT	4) HI/OR
5) LA	5) UT
6) RI	6) WV
7) MS	7) MT

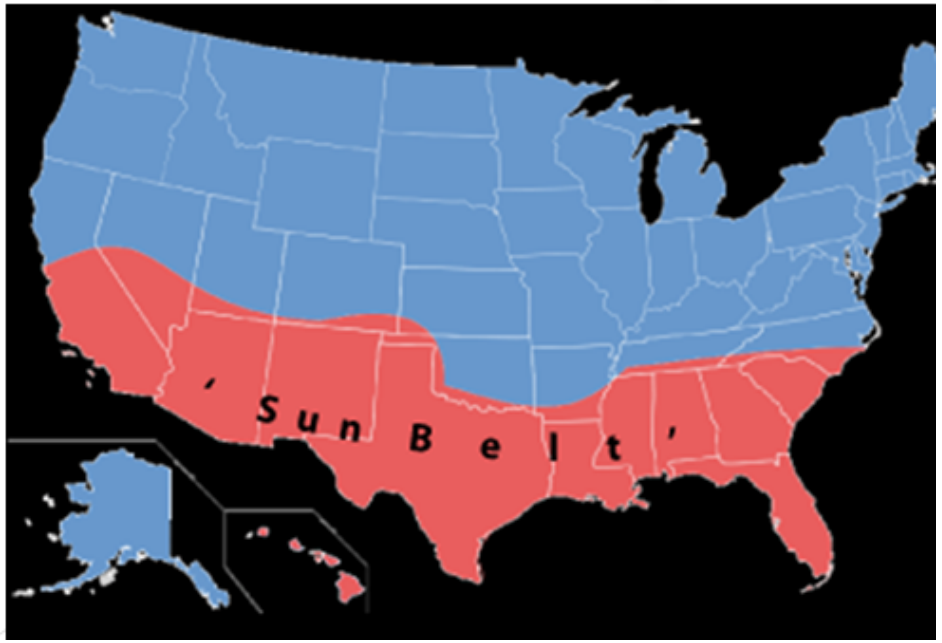
Highest Summer/Fall

1) LA
2) MS
3) AZ
4) FL
5) GA
6) SC
7) TX/AR

The Good: Hawaii Low Mortality/Active Cases
The Bad: Covid Fatigue. Low # immune to Covid.
The Ugly: Economic devastation: HI > other states
Unknown Impact to Children.

www.worldometers.info/coronavirus/country/us/





Active Cases Per Capita

Highest	Lowest
Great Lakes	VT/ME
Midwest	NH
	Vary
	HI relatively low

Highest Summer/Fall

Sun Belt

The Good: Hawaii low mortality relative other states.
The Bad: Hawaii economic impact highest relative other states
The Ugly: Economic devastation > Budgetary Impact
Unknown Impact to Children.

www.worldometers.info/coronavirus/country/us/

Hawaii Population and Medicaid Data 10/2020

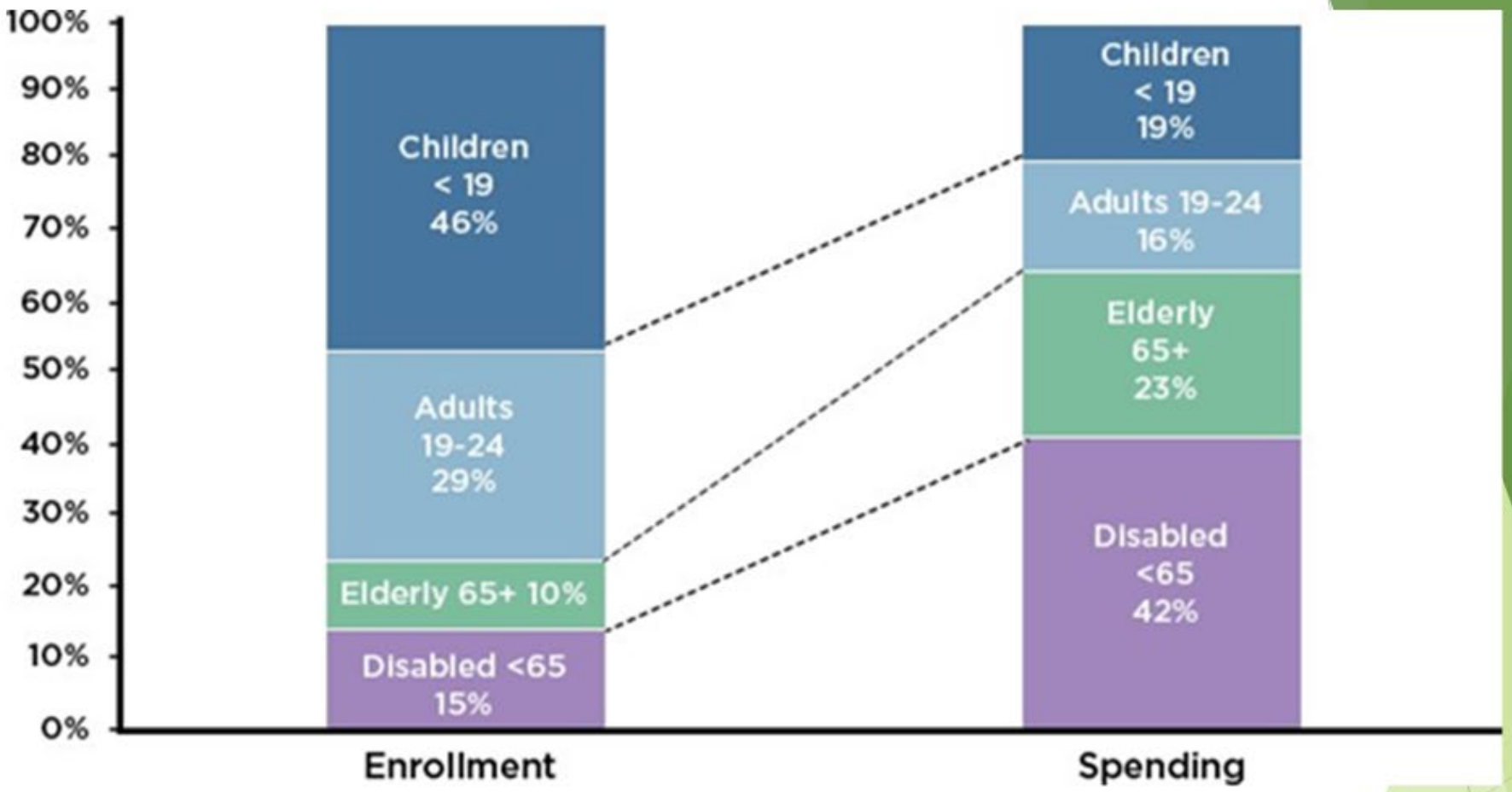
	General Pop	Medicaid	Medicaid – Kids
State	1.4M (100%)	380 K (100%)	150 K (100%)
Oahu	1.0M (71%)	230 K (60%)	90 K (60%)
Big Island	200,000 (14%)	80 K (21%)	32 K (20%)
Maui	170,000 (12%)	50 K (13%)	20 K (13%)
Kauai	70,000 (5%)	25 K (6%)	10 K (6%)

Statewide medicaid enrollment up 50 K or 15 % since Covid crisis.

Economic fallout affecting entitlement programs, demands up.

Covid Crisis:
Clinical vs Economic Impact
Safety Net Programs

- Hawaii Economic Impact:
  - Budgetary impact profound
  - Medicaid enrollment up 50 K or 15 %
- Children:
  - DOH: FHSD (CSHN, MCH, WIC), CD/PHN, CAMHD, DDD
    - CSHN: EIS, Genetics, CLPPP (Lead Screen)
  - DHS: Medicaid, CWS, SNAP/EBT, TANF, GA, SSD/ABD
- Mental Health
  - DOH: ADAD, AMHD, DDD, CAMHD
  - DHS: GA, SSD/ABD, Medicaid/CCS, APS



- *Source:Medicaid and CHIP Payment and Access Commission, MACStats Medicaid and CHIP Databook, December 2016. Compiled by Peter G. Peterson Foundation.*

Childrens Physical/WCC and Childhood Immunizations

- Dramatic drop early in shutdown, some rebound
- Telemedicine helpful adult chronic conditions but diff Children PE.
- WCC: Ht/Wt/HC, PE, dev screen, hearing/vision, blood test (Hgb, lead, cholesterol), Imm, BP/Vitals, Oral Exam, Autism Screen, TB screen.
- Childhood Imm National: 4/2020 Down 47%
- Childhood Imm Hawaii VFC: 4/2020 Down 46%
  5/2020 Down 35%

Hawaii DOE

School PE (Form 14) completed within one year for new/transfer or start 7th grade.

Also need Imm and TB

Child Welfare Services (CWS)

CWS Intakes			
2020	Total	Teacher (2020)	Teacher (2019)
Jan	274	40	35
Feb	263	45	31
March	260	27	29
April	179 (- 33%)	0	41
May	238 (-11%)	4	34
June	203 (+ 35%)	2	4
July	225 (+ 14%)	5	3
Aug	251 (- 9%)	6	28
Sept	253 (Even)	22	43

Family Strengthening and Support, Child Protection, Foster, Adoption.

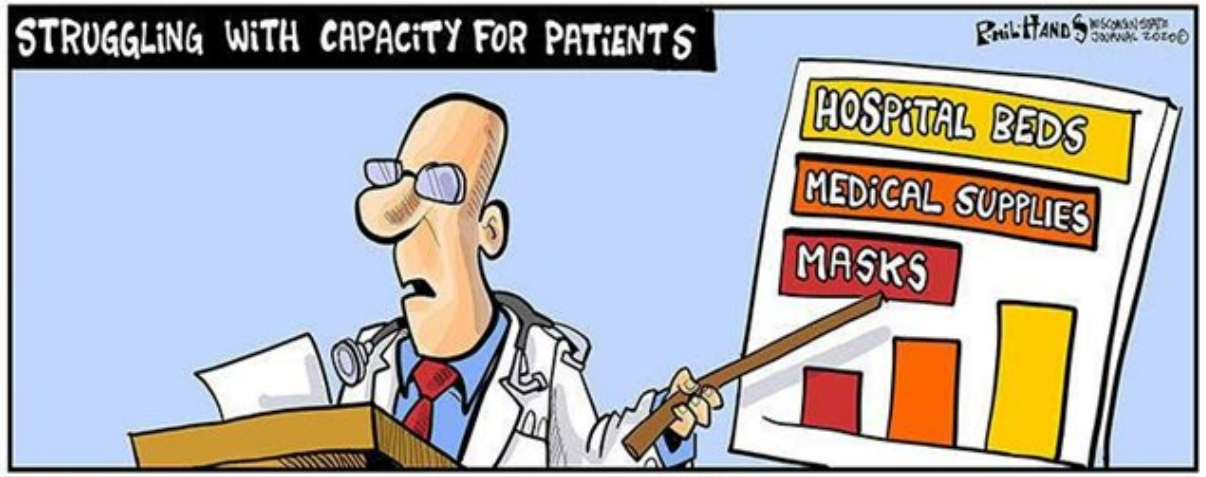
Moving virtual visits to F2F in person visits challenging.

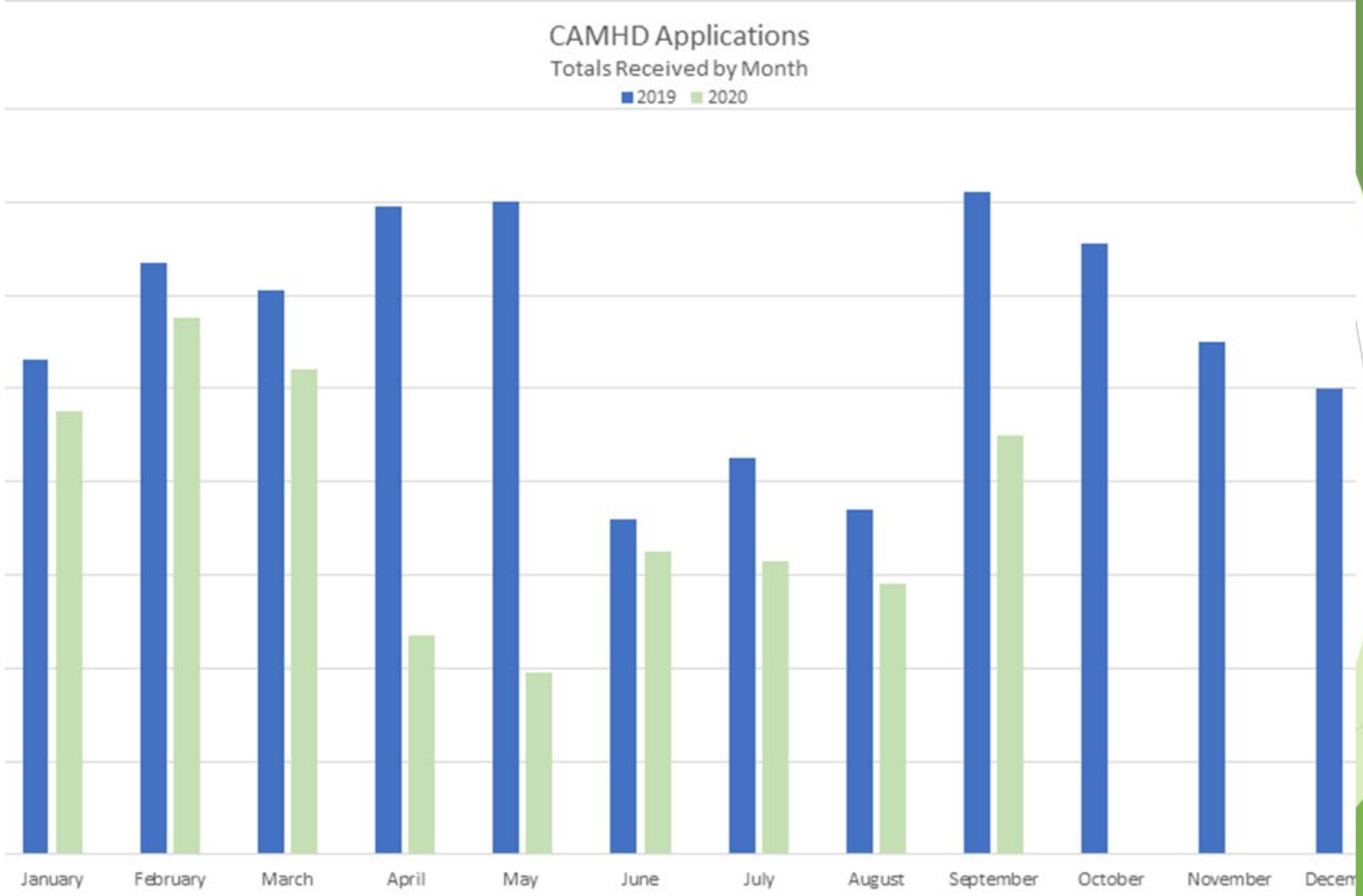
Have been successful with physicals and immunizations.

CWS is "open for business"

Jan-Mar 2020 was up from 2019 on ave 30%

Teleworking From Home




CAMHD Applications
Totals Received by Month
2019
2020
January
February
March
April
May
June
July
August
September
October
November
Decem

Hawaii DOE

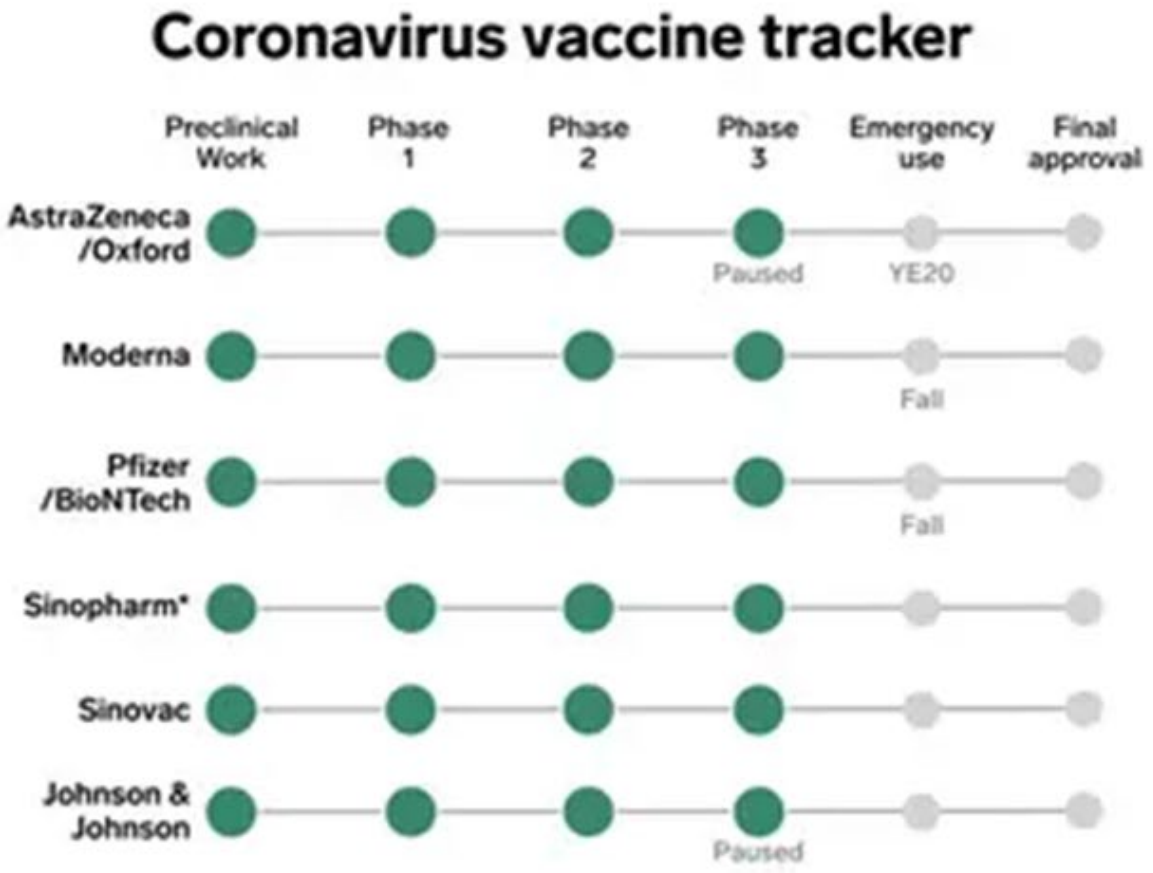
- Last day of regular school Fri 3/13
  - 7.5 months ago
- Macro Level
  - Learning Loss
  - Mental Health and Socio-Emotional Development
  - Mandatory Reporters for Abuse and Neglect
  - Referrals MH/CAMHD
  - School absenteeism as proxy
- Clinical Level
  - Mental Health Provider Tx, Screen, Refer
  - RN hours for medically fragile population
  - Therapist, 1:1 aides for BH/ASD

COVID-19 vs. Influenza			
	Cases	Hospitalized	Mortality/Year
U.S Flu	40 – 60 M	300 – 600 K	35 - 50K
U.S COVID-19	9 M		230K
Hawaii Flu	100 K	1,400	100 - 150
Hawaii COVID-19	14 K	1100	210

Hawaii Influenza/pneumonia mortality rate ranks second highest in nation (pre Covid).
Hawaii Covid mortality low relative to other states.

- Pre Covid, Influenza 2/3 elderly immunized.

Influenza data source CDC. Influenza (U.S.) Deaths estimated from past 3 years CDC data


Coronavirus vaccine tracker
Preclinical Work
Phase 1
Phase 2
Phase 3
Emergency use
Final approval
AstraZeneca /Oxford
Paused
YE20
Moderna
Fall
Pfizer /BioNTech
Fall
Sinopharm*
Sinovac
Johnson & Johnson
Paused

Keiki Oral Health

- Hawaii Highest Rate of Children's Tooth Decay in Nation:

  Hawaii 71% vs 52 % national

- Hawaii Oral Health Disparities: Untreated Tooth Decay

  By Income: NSLP 31% vs 13% not on NSLP

  Micronesian 56%, Other PI 41%, Hawaiian 30%, Hawaii 22%, Caucasian 13%

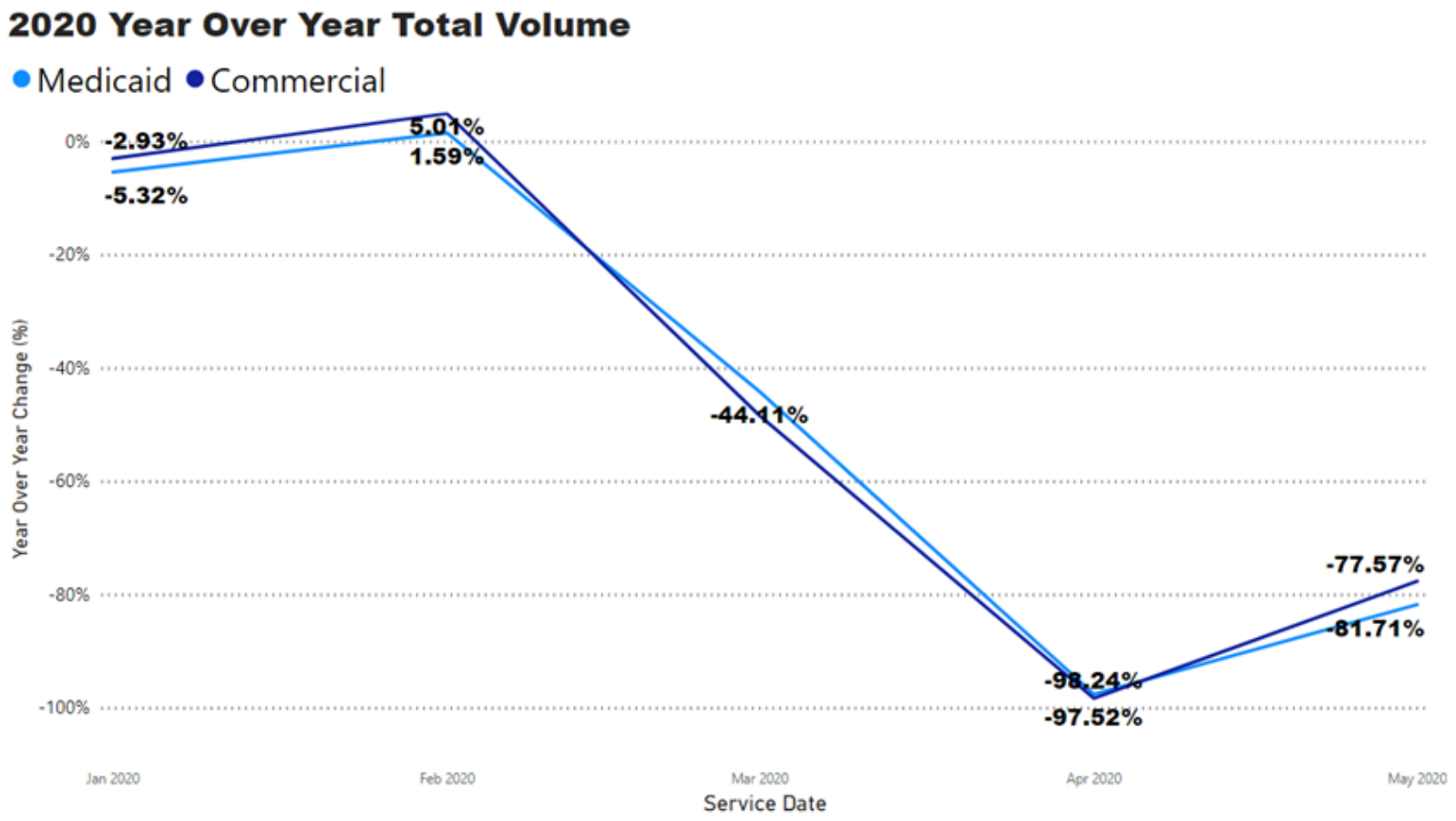
- Urgent Dental: NSLP 12%, not on NSLP 2%. Children in poverty 6x risk for urgent dental.

  Micronesian 30%, Other PI 23%, Hawaiian 7%, Caucasian 3%

- Hawaii ranks last among the 50 states for municipal water fluoridation

  www.cdc.gov/fluoridation/statistics/2016stats.htm

Overall Preventative Services



- No significant changes in January or February.
- Similar drop offs in March and April.
- Commercial recovering slightly faster.

Finding Medicaid Dentists

- MQD Dental CM Contractor is Community Case Management Corps (CCMC)
- If you or your children need help finding a dentist, please call CCMC at:

  Can assist with finding dentist and dental specialists

  Oahu : 792-1070

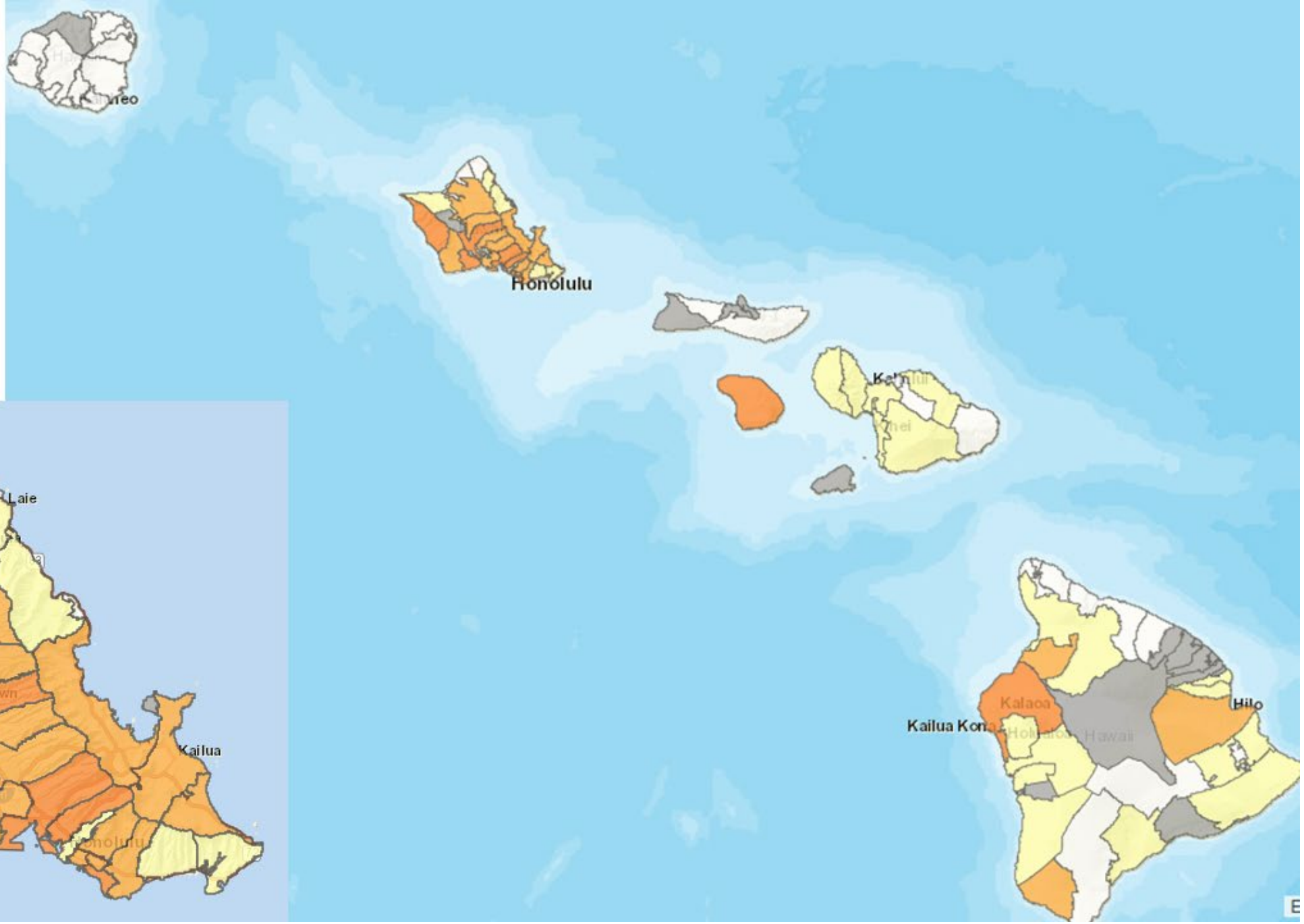
  Toll Free : 1-888-792-1070

  Hours 7:45 am - 4:30 pm

  Able to leave message before or after hours

  www.ccmchawaii.com/dental_program

Hawaii Hot Spots



State of Hawai'i - Department of Health - Updated Saturday, October 24, 2020

Disease Outbreak Control Division | COVID-19 Summary Metrics

Statewide

Average Daily New Cases*

86

New cases w/ 14-day % change

Test Positivity Rate*

2.3%

* Metrics represent 7-day moving averages
Data as of 11:59pm October 23, 2020

% Change, Oct 11 to Oct 23

Hawaii County

19 Avg New Cases

2.7% Test Positivity

New cases w/ 14-day % change

Honolulu County

57 Avg New Cases

2.5% Test Positivity

New cases w/ 14-day % change

Kauai County

0 Avg New Cases

0.2% Test Positivity

New cases w/ 14-day % change

Maui County

10 Avg New Cases

2.5% Test Positivity

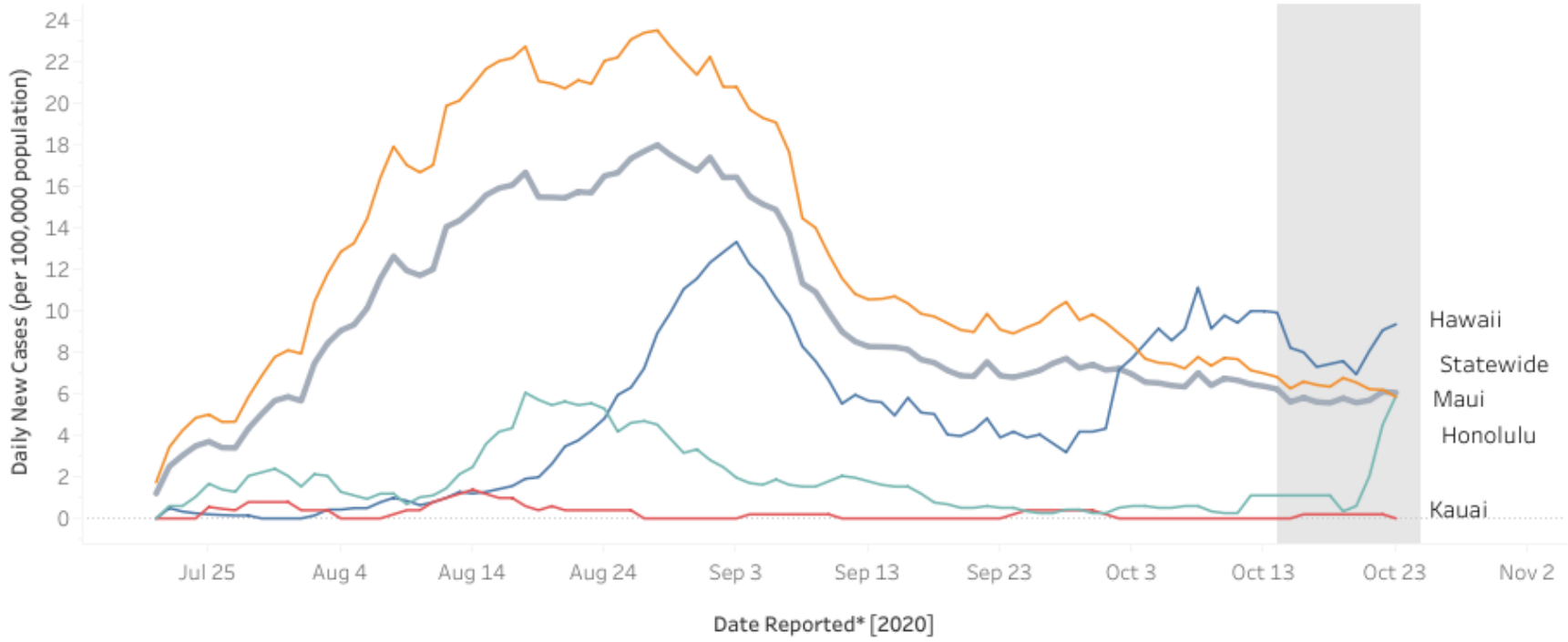
New cases w/ 14-day % change

Daily New COVID-19 Cases*, Hawaii 2020

Updated October 24, 2020

Current 7-day Average Daily New Cases (per 100,000 population)

Hawaii	Honolulu	Kauai	Maui	Statewide
9.4	5.9	0.0	5.9	6.1

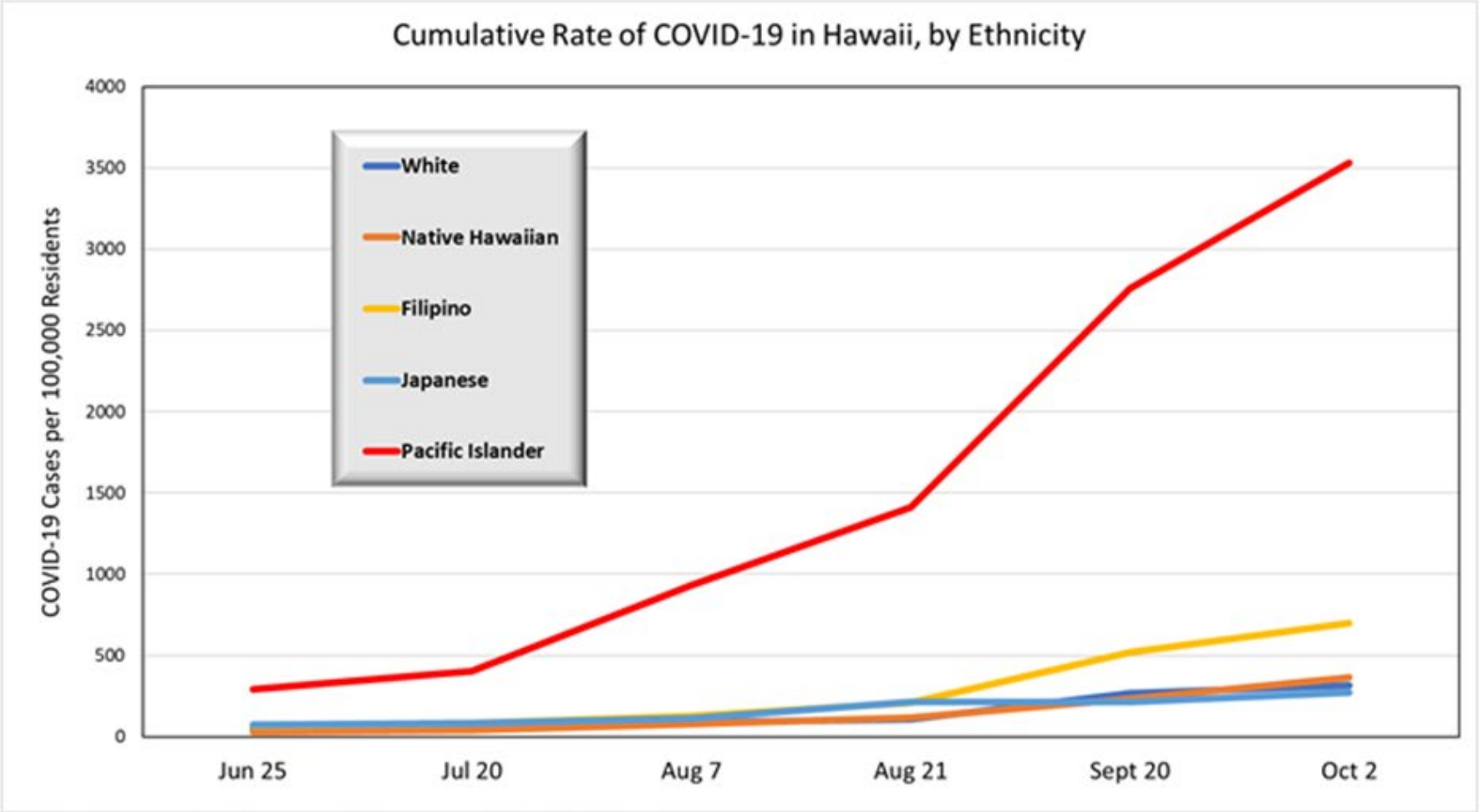


Date Filter (use the slider to adjust the date range)

View Islands

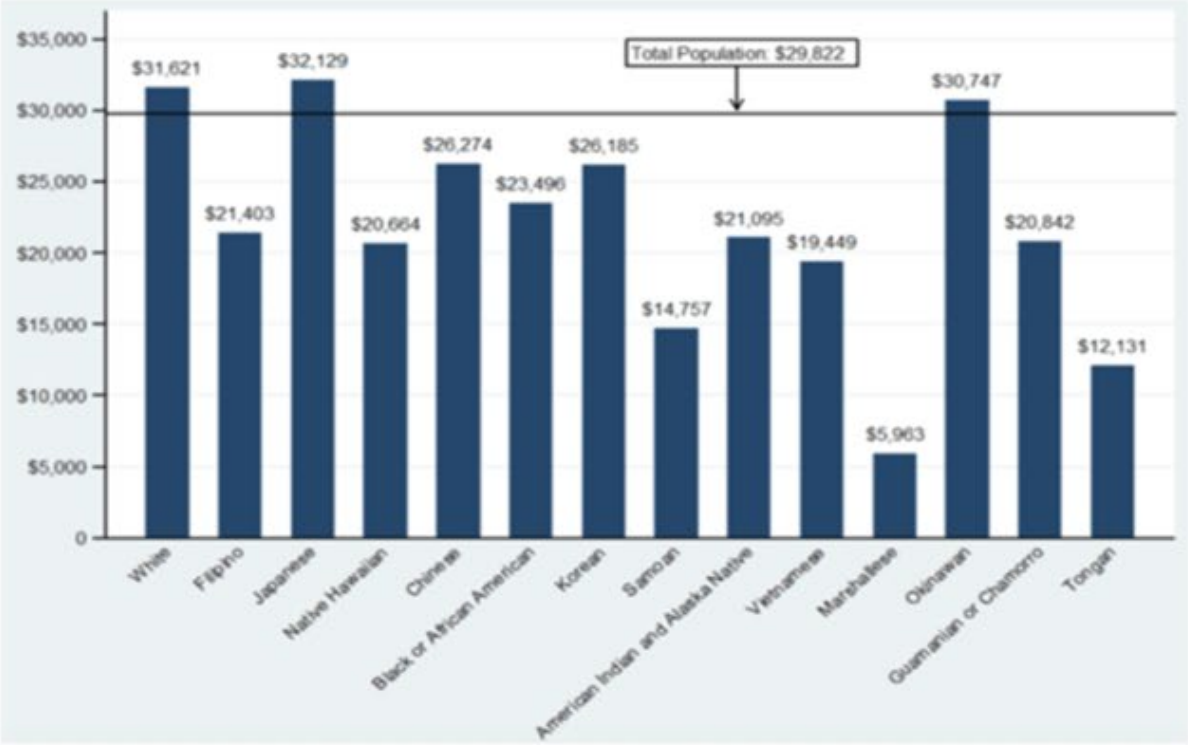
From 7/21/2020

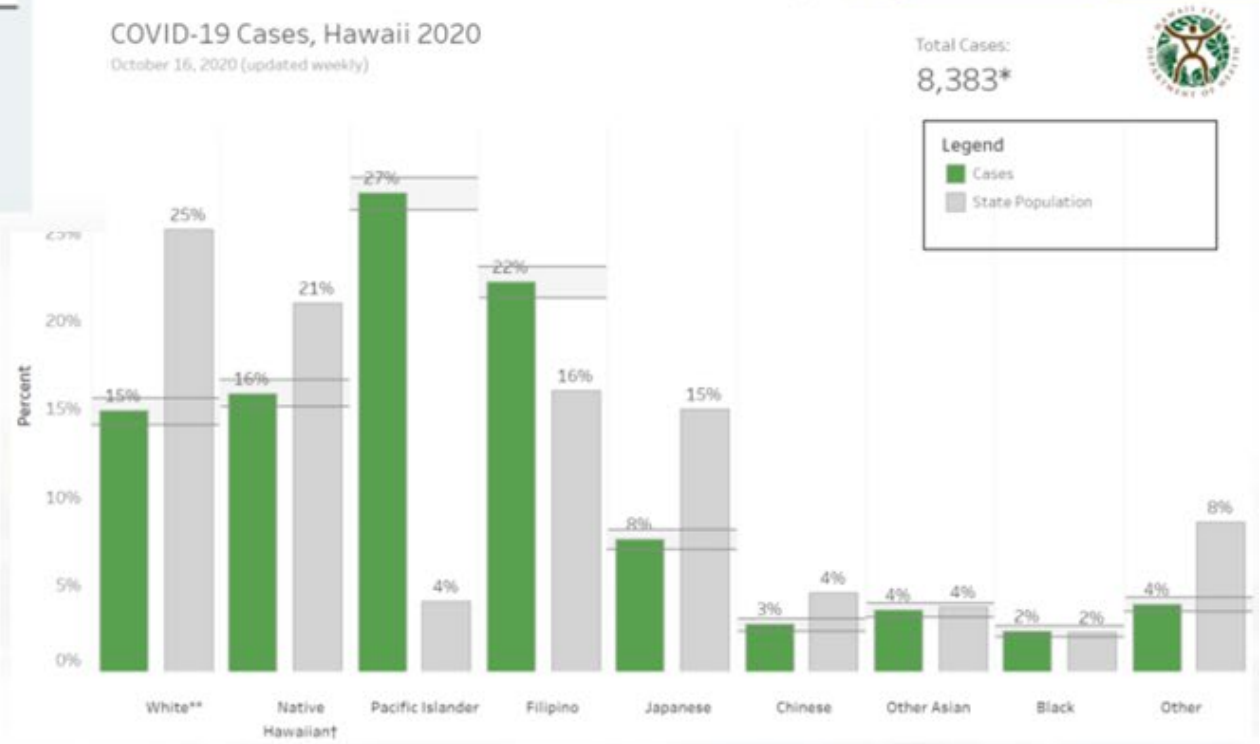
* Illnesses that began in the previous 10 days may not yet have been reported; 7-day moving daily average cases per 100,000 population;



Source: Hawaii DOH COVID-19 Web Site *Ethnicities with at least 200 cases

Figure 6: Per Capita Income by Race Group





Hawaii Mortality in Covid Crisis

What is the mortality in 2020 compared to 2019?

Homw many more patients died in 2020 compared to 2019?

What percentage of 2020 deaths are due to Covid?

Hawaii Mortality Data

Hawaii Monthly Mortality		
	2020	2019
State: Jan - Aug	1000	980
State: April - Aug	975	975
Aug	1050	920
Medicaid		300

Medicaid: Approx15% adults and 30% deaths.
2020 death rate even with 2019.

Hawaii Covid deaths (212) account for 2 % of all 2020 deaths.

Hawaii LTC Mortality for Medicaid

Hawaii LTC Monthly Mortality for Medicaid			
	2020	2019	
Total Jan- Aug	120	125	
Total Mar-Aug	115	135	
NF Jan-Aug	60	65	
NF Mar-Aug	55	70	
NF Aug	56	66	
Non NF Jan-Aug	75	80	
Non NF Mar-Aug	75	80	
Non NF Aug	71	76	

Medicaid primary payor for LTC.
Commercial and medicare does not cover LTC
Over half all NF residents medicaid.
Majority of foster home residents medicaid.
NF = Nursing Facility

Smallpox and 1st Imm

Smallpox devastating disease > 1st Imm

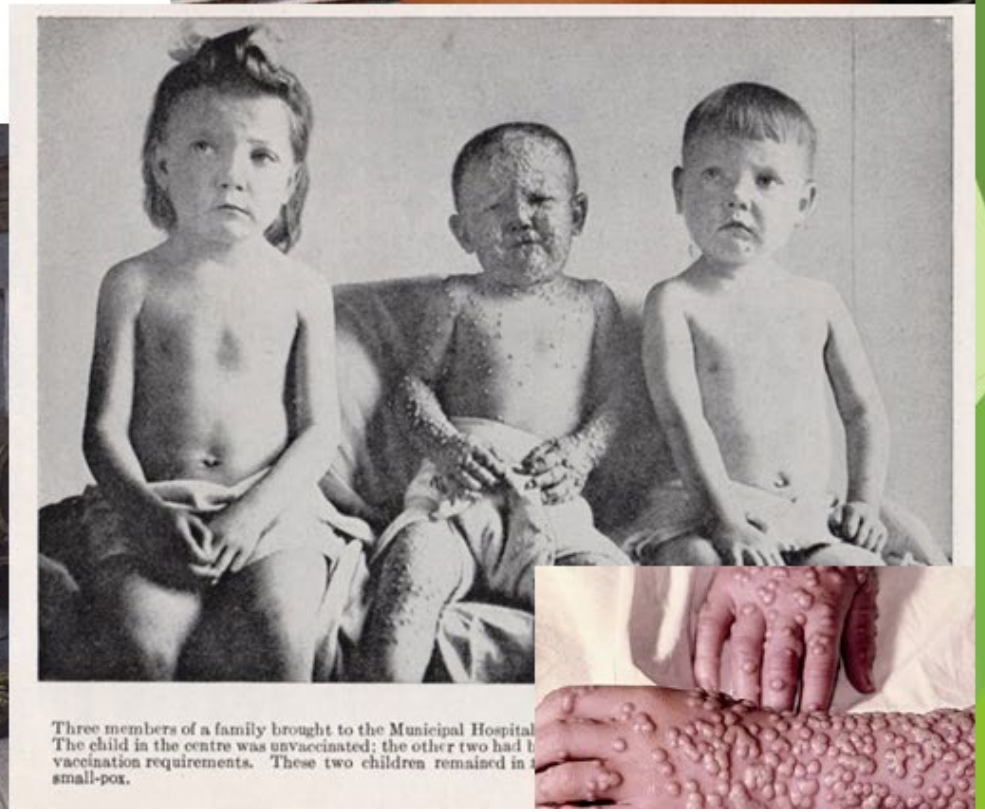
Variolation > Vaccine, 1796

Cowpox vs Smallpox

Vaccine: Latin Origin, Vacca = Cow

Smallpox eradicated:

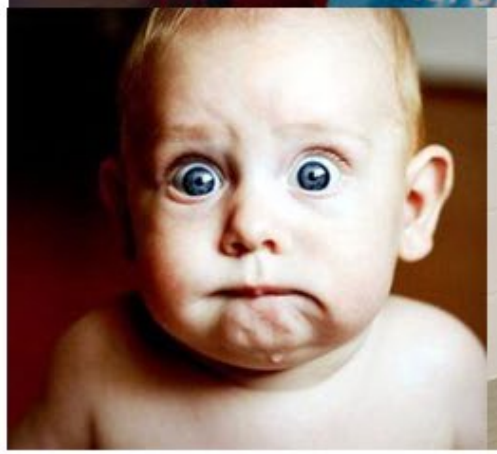
1949 (U.S.), 1980 (Worldwide)



Summary Slide

- We shall overcome: Smallpox, Spanish Flu, Covid
- Flip side of crisis is collaboration and streamlined processes
- Economnic fallout greater than clinical impact
- Budgetary impacts going forward long lasting and will impact safety net programs
- Keep radar on keiki and underserved populations (MH, homeless, health disparities)

"In The Middle Of Every Difficulty Lies Opportunity" Einstein



Questions?

Mahalo

@BHHSURG

#HealthyWeLiveHawaii #SocialDistancing
#FlattenTheCurve #TogetherWeCan

BHHSURG.HAWAII.GOV