



Underserved Populations in Healthcare

Brian Ross DDS

Oral and Maxillofacial Radiology Resident





Never Forget Where You Come From

- ▶ The median household income for the town of 1,000 people I grew up in at the present time is \$36,000
- ▶ I got a scholarship (\$10,000) when starting dental school that equaled the value of my house growing up as a child. Talk about Momma we made it.
- ▶ I consider myself very lucky. My duty is to pay it back and be useful to the world.
- ▶ I graduated in 2018 and hit the ground running doing general dentistry, cosmetics, implants, third molar extractions, molar endo, Invisalign and everything in between.



Palatal/
Lingual Tori
Removal(w/
chisel)


Photo
Grid



Immediate implant



Another
immediate
implant

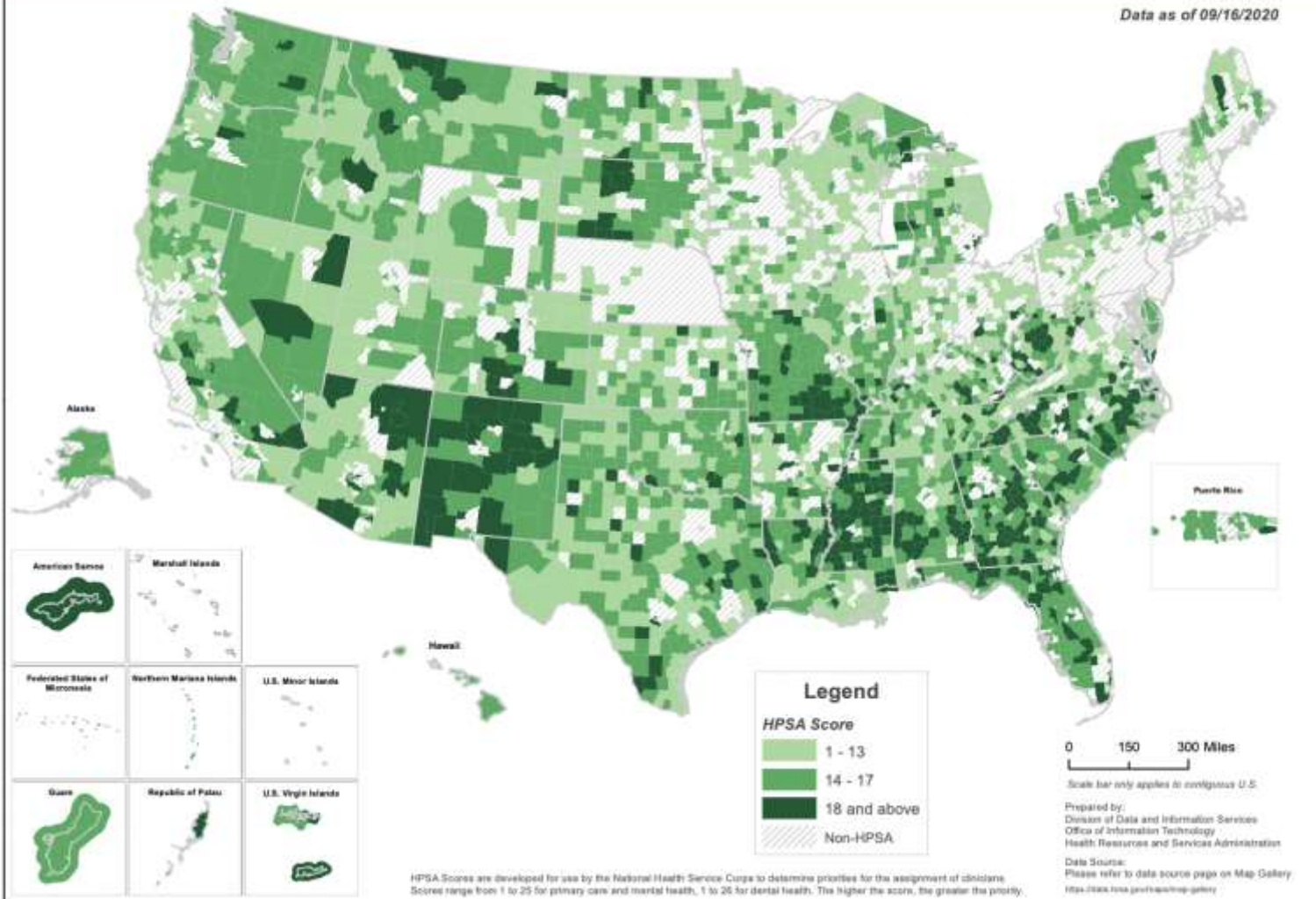


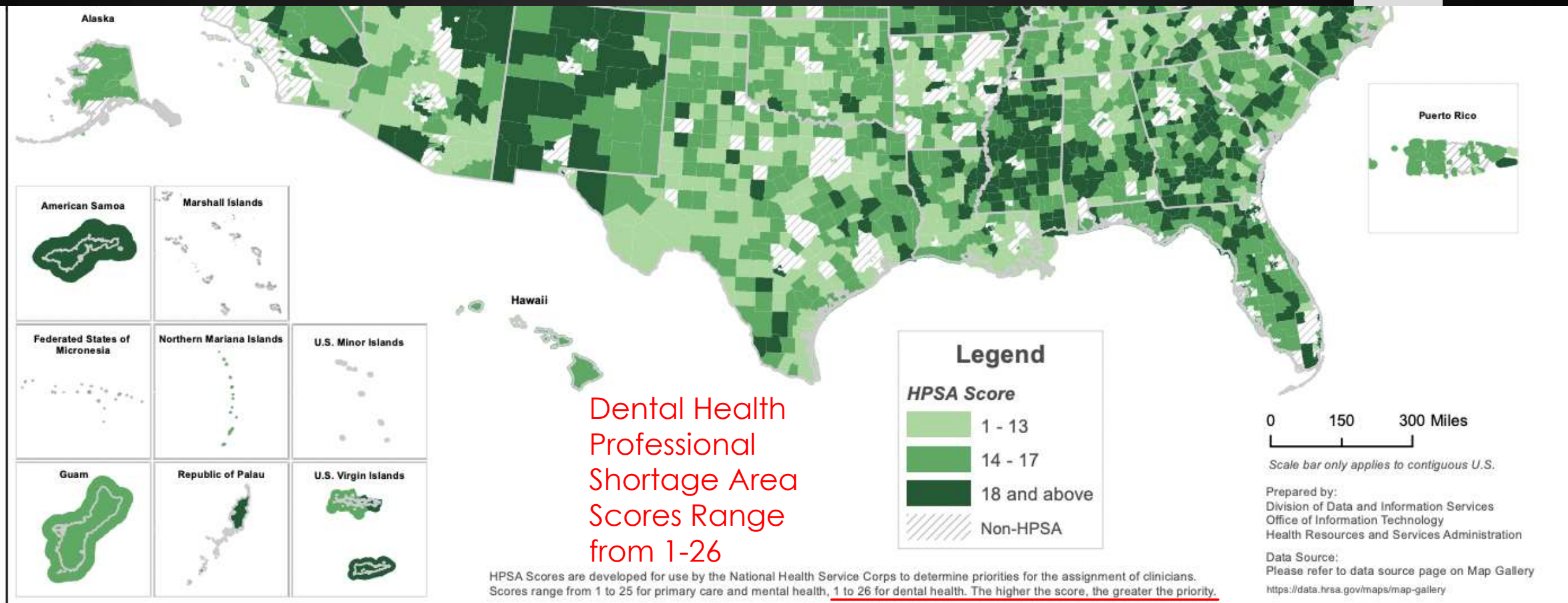
3rd molars
causing
problems

- Dr. Brian Ross D.D.S -
PhotoGrid

- Define your goals that are unique to you.
- No one can define your goals for you.
- Not your mentors, not your parents. Only You.

Data as of 09/16/2020





Dental Health Professional Shortage Area Scores Range from 1-26

Legend

HPSA Score

- 1 - 13
- 14 - 17
- 18 and above
- Non-HPSA

0 150 300 Miles

Scale bar only applies to contiguous U.S.

Prepared by:
 Division of Data and Information Services
 Office of Information Technology
 Health Resources and Services Administration

Data Source:
 Please refer to data source page on Map Gallery
<https://data.hrsa.gov/maps/map-gallery>

HPSA Scores are developed for use by the National Health Service Corps to determine priorities for the assignment of clinicians. Scores range from 1 to 25 for primary care and mental health, 1 to 26 for dental health. The higher the score, the greater the priority.



| Discipline | HPSA ID | HPSA Name | Designation Type | Primary State Name | County Name | HPSA FTE Short | HPSA Score | Status | Rural Status |
|---------------|------------|--|-----------------------------------|--------------------|---------------------|----------------|------------|------------|--------------|
| Dental Health | 6159991523 | KALIHI PALAMA HEALTH CENTER | Federally Qualified Health Center | Hawaii | Honolulu County, HI | | 22 | Designated | Non-Rural |
| Dental Health | 6159991529 | Koʻolaupua Health Center | Federally Qualified Health Center | Hawaii | Honolulu County, HI | | 24 | Designated | Rural |
| Dental Health | 6159991522 | Kokua Kalihi Valley (Comprehensive Family Services) | Federally Qualified Health Center | Hawaii | Honolulu County, HI | | 26 | Designated | Non-Rural |
| Dental Health | 6159991516 | WAIANAE DISTRICT COMPREHENSIVE HEALTH AND HOSPITAL BOARD, INCORPORATED | Federally Qualified Health Center | Hawaii | Honolulu County, HI | | 24 | Designated | Non-Rural |
| Dental Health | 6159991527 | WAIKIKI HEALTH | Federally Qualified Health Center | Hawaii | Honolulu County, HI | | 16 | Designated | Non-Rural |

Honolulu County, Hawaii Waikiki Health-Full Time Dentist and AEGD Resident Supervisor

- ▶ Patient population ranged from homeless to community figures.
- ▶ Mix of all races/populations.
- ▶ Ryan-White funding for HIV/AIDS patients.
- ▶ FQHC or Federally Qualified Health Center







COVID-19
had Arrived
and people in
the mainland
were p
old lac

Meanwhile...









| Discipline | HPSA ID | HPSA Name | Designation Type | Primary State Name | County Name | HPSA FTE Short | HPSA Score | Status | Rural Status |
|---------------|------------|--------------------------------|-----------------------------------|--------------------|-----------------|----------------|------------|------------|--------------|
| Dental Health | 6159991524 | Community Clinic Of Maui, Inc. | Federally Qualified Health Center | Hawaii | Maui County, HI | | 26 | Designated | Non-Rural |
| Dental Health | 6159991526 | Hana Community Health Center | Federally Qualified Health Center | Hawaii | Maui County, HI | | 16 | Designated | Rural |
| Dental Health | 6159991536 | Lana'i Community Health Center | Federally Qualified Health Center | Hawaii | Maui County, HI | | 12 | Designated | Rural |
| Dental Health | 6159991530 | Molokai Ohana Health Care, Inc | Federally Qualified Health Center | Hawaii | Maui County, HI | | 16 | Designated | Rural |

Maui County, Hawaii Malama I Ke Ola-Community Clinic of Maui-Full Time Dentist

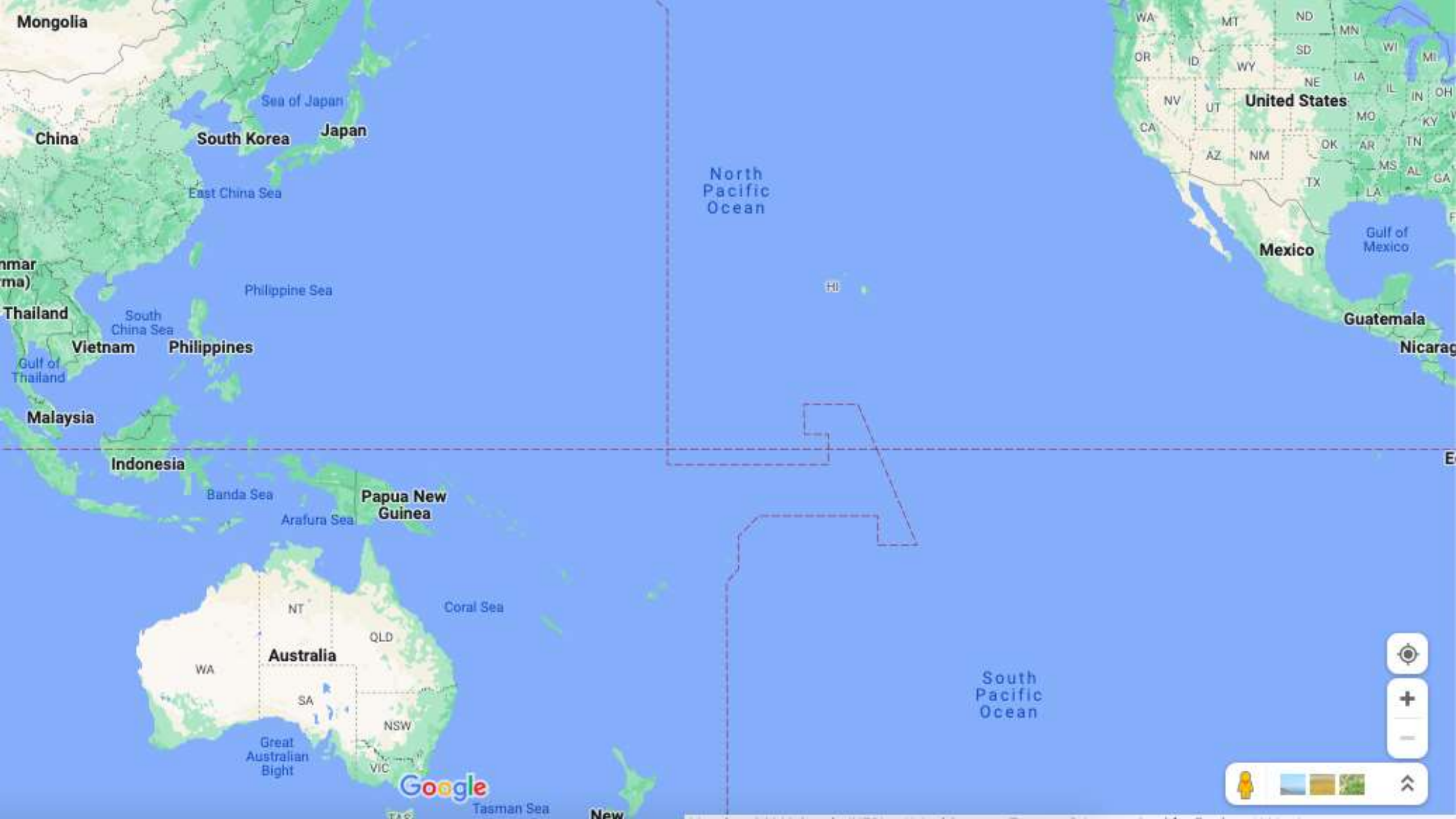
- ▶ More people from outer islands of Hawaii and included many more people from Marshall Islands, both Samoas, Palau and recent immigrants from Tonga, and Tahiti
- ▶ Many hard working construction workers and fishermen.
- ▶ This clinic had a CBCT which was great for diagnostics. It is a well funded great center, AEGD and Peds residents have returned since the slow of COVID











Mongolia

China

South Korea

Japan

Sea of Japan

East China Sea

Philippine Sea

Thailand

Vietnam

Philippines

Malaysia

Indonesia

Banda Sea

Arafura Sea

Papua New Guinea

Australia

WA

NT

QLD

SA

NSW

VIC

Great Australian Bight

Google

Tasman Sea

New

North Pacific Ocean

HI

South Pacific Ocean

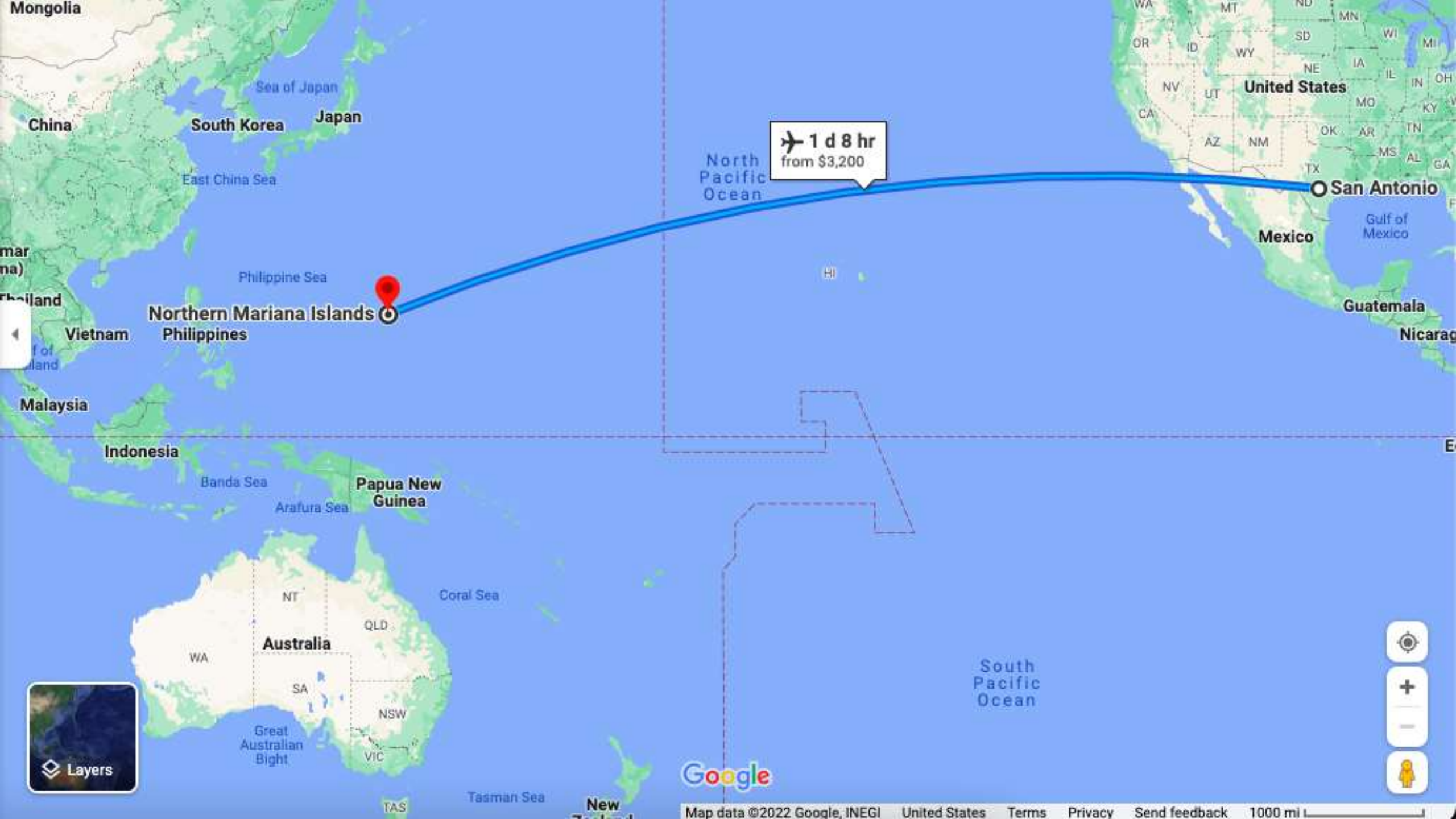
United States

Mexico

Guatemala

Nicaragua

Gulf of Mexico



✈ 1 d 8 hr
from \$3,200

San Antonio

Northern Mariana Islands

North Pacific Ocean

South Pacific Ocean

Layers

Google



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|---------------|------------|---------------------------------------|------------------|--------------------------|---|----------------|------------|------------|--------------|
| | | Mariana Islands | | Islands | Municipality, MP Rota Municipality, MP Saipan Municipality, MP Tinian Municipality, MP | | | | |
| Dental Health | 6694259651 | Commonwealth Northern Mariana Islands | Geographic HPSA | Northern Mariana Islands | Northern Islands Municipality, MP Rota Municipality, MP Saipan Municipality, MP Tinian Municipality, MP | 8.38 | 26 | Designated | Rural |

Saipan, Commonwealth of the Northern Mariana Islands (CNMI) Multiple Clinics-6 days a week and Consultant On Sundays

- ▶ Mostly native Pacific Islander population (Chamorros) and Pilipino patients.
- ▶ Majority Medicaid and smaller dental insurance companies.
- ▶ Small island life, which was incredibly peaceful.
- ▶ No Panoramic radiographs at any clinics I worked. PA's and BXW's only.



Northern Extent

Southern Extent







Oral Cancer and Betel Nut



- Dr. Brian Ross (PA)













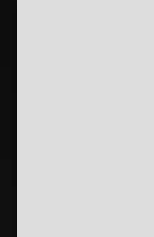






Life is short.
Don't be selfish.
Make yourself useful.

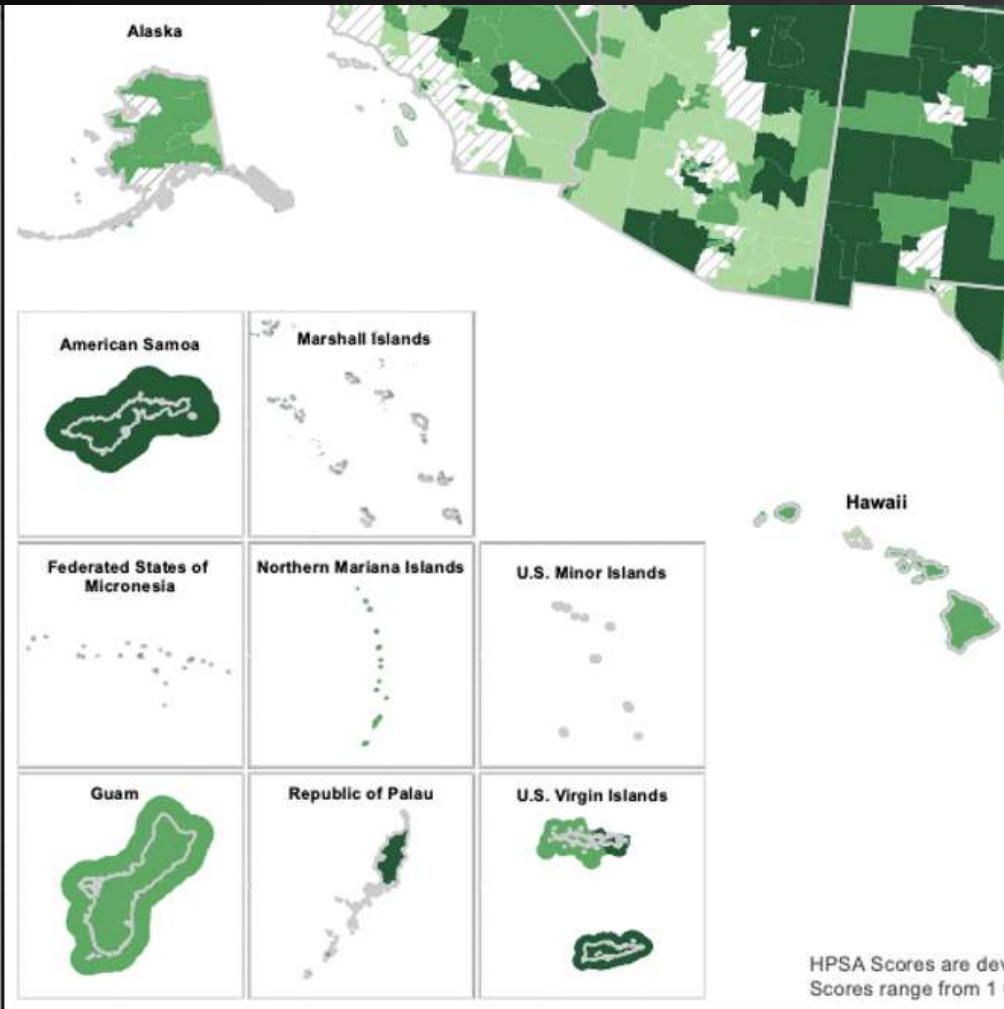
These populations need help and are part of the United States



Other avenues for helping in underserved populations include:

- Health Services Corps
- Military Missions/Civilian Contracts
- Indian Health Service/Reservations
- FQHC's All Over The US
- Pediatric School Programs
- VA Hospitals
- Academic
- Locum/Short Term Contracts
- Prisons

US Dental training allows licensure to territories, commonwealths, and states





Feel free to e-mail me at rossbj@livemail.uthscsa.edu