

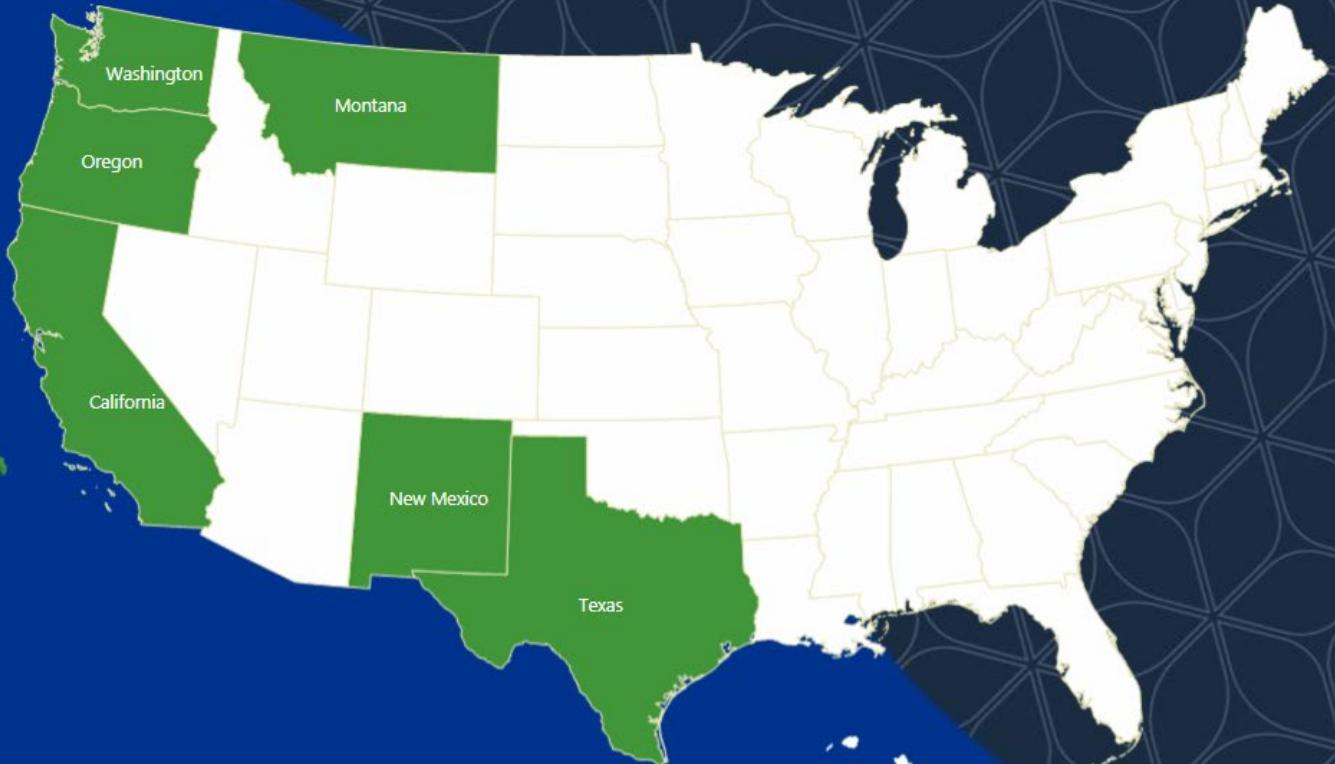


Creating climate resilience plans for unique community needs

Cassie Tinari, Providence
Geoff Glass, Providence

Presented by





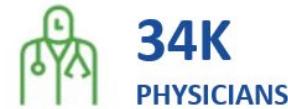
Our presence
in the western United States and India

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 **CleanMed**
PITTSBURGH 2023

Providence by the numbers





WASTE



ENERGY & WATER



AGRICULTURE & FOOD



CHEMICALS



TRANSPORTATION

Waste optimization strategy

More efficient use of energy & water resources

Decrease carbon intensity of food served

Fewer, less toxic, lower carbon emissions

Less carbon intensive forms of travel

Advocacy, Communications, Data/Metrics, Accountability, Procurement, Community Health, Equity, Engagement

We



R

Resiliency

E

Equity

A

Adaptation

C

Climate

H

Health

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PRACTICE
Greenhealth

We REACH Resilience Pillars

Infrastructure



Clinical Care & Ops



Community



Clinical Care and Operations

Clinical knowledge & care delivery

Pharmacy practices

Mental health/well-being, eco anxiety

Providence Health Plan considerations

Clinical capacity & availability

Caregiver resources & support





Natural Disasters – Support for Caregivers

A Playbook for Human Resources & Core Leaders



Support for Caregivers

- In response to 2019 wildfires in Northern California
- HR playbook for caregiver support, benefits, and resources
- In process of updating with climate resilience lens

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Community

Regional environmental justice scans

Commitment to health equity

Partnership with community health investment

Advocacy & government relations

Community Partnership Fund

Proactive outreach for high-risk populations





Patient Outreach in Extreme Heat

- Lack of air conditioning was key driver in mortality in 2021 heat dome
- Climate risk score in care management tool
- Connect patients to Medicaid flex fund requests, social resources, provider visits

Patients At Risk During Extreme Weather Events

steadfast in serving all, especially those who are poor and vulnerable



See Refresh Details ↓



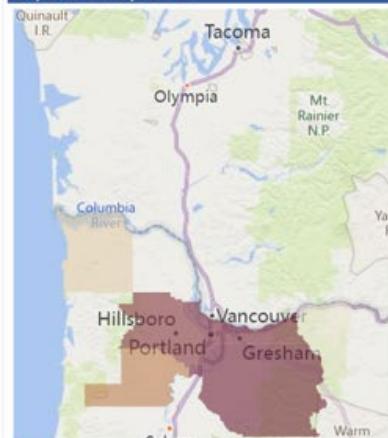
CPH
Providence

65+
Serious Mental Illness
Cancer
Diabetes
Heart Failure
Dementia
Hemi/Paraplegia
Myocardial Infarction
Renal Disease
Cognitive BMH
Chronic Pulmonary
Disease
Substance Abuse

Risk Factor Count	County State	Zip Code	Patient Name	MRN	Cell Phone	Home Phone	PCP Department
9	Washington, County, OR	97223					PMG BRIDGEPORT FAMILY MEDICINE
9	Multnomah, County, OR	97233					PMG GATEWAY FAMILY MEDICINE
9	Multnomah, County, OR	97236					PMG AT HOME OR
9	Multnomah, County, OR	97213					PMG NORTHEAST INTERNAL MEDICINE
9	Multnomah, County, OR	97080					PMG GATEWAY INTERNAL MEDICINE
9	Clackamas, County, OR	97038					PMG CANBY FAMILY MEDICINE
9	Multnomah, County, OR	97213					PMG GATEWAY INTERNAL MEDICINE
9	Multnomah, County, OR	97236					PMG GATEWAY FAMILY MEDICINE
9	Washington, County, OR	97140					PMG SHERWOOD FAMILY MEDICINE
9	Clackamas, County, OR	97045					PMG SHERWOOD FAMILY MEDICINE
9	Multnomah, County, OR	97294					PMG GATEWAY FAMILY MEDICINE
9	Multnomah, County, OR	97233					PMG GATEWAY INTERNAL MEDICINE

Location filtered for:
Oregon
Patient Count: 43,325

Average Risk Factor Count by County - Expand to Zip Code



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PITTSBURGH 2023

Infrastructure

Resource use efficiency improves resiliency

Alignment with local public infrastructure and resources

Partnering with emergency managers for 52 acute care sites

Heat & wildfire response plans

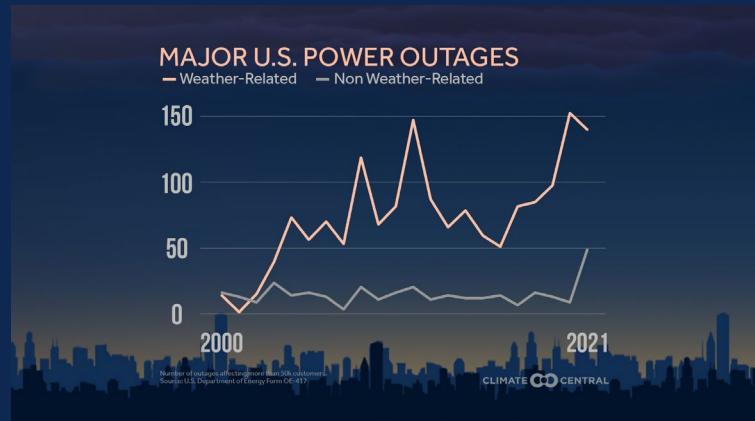
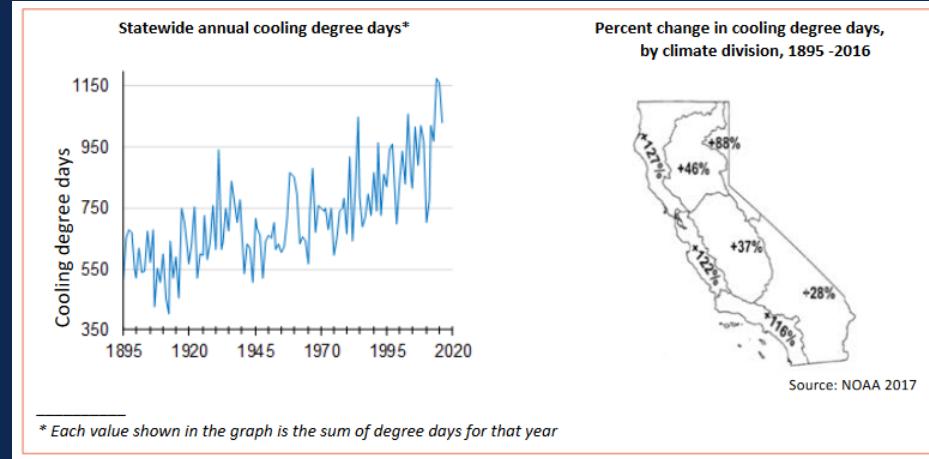
Resilience in face of supply chain disruptions

Planning and design for resiliency in new construction



Climate Stress on Infrastructure

- Increased demand for air conditioning
- Often not served by emergency power
- Hospitals sized for cooling in the 60's & 70's
- Results in chilled water rationing
- Require flexibility and wide range of control of % outside air
- Increased frequency of major power outages and need for emergency generator reliability



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Resiliency Integration in Organizational Strategy

- Not a new initiative
- Know me, care for me, ease my way
- Leveraging HHS Climate Pledge to bring climate focus to ongoing work and priorities





Providence

Health for a Better World.