

12.03.2020

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### **Highlights**

- Georgia's State Plan: Background of GMN
- Workflow, Key Metrics, Data Management
- COVID Shifts & Telemedicine



# STATE OF GEORGIA ROLE & PARTNERSHIP





# 2013: Georgia Assembly creates Georgia Alzheimer's & Related Dementias State Plan Task Force (GARD)

Multidisciplinary group convened to improve dementia research, awareness, training, and care

Response to rapidly growing need in GA

#### Task Force sub-committees:

Workforce Development

Service Delivery

Outreach and Partnerships

Policy

Public Safety

Healthcare, Data and Research Collection

2014: Task Force finalizes State Plan

# STATE OF GEORGIA ROLE & PARTNERSHIP





<u>July 2017</u>: \$4.12M allocated for Georgia Alzheimer's Project // Georgia Memory Net (GMN)

Continuing Budget in Georgia
Department of Human Services

Oversight: Division of Aging Services
Primary Contract: Emory University
Cognitive Neurology Program / Goizueta
Alzheimer's Disease Research Center

Formal partnerships across multiple healthcare systems, community agencies, and state networks

### **Establishing the Need:** Know the numbers.

It all adds up: The citizens and healthcare professionals of Georgia need the Georgia Memory Net.

People With Alzheimer's Growing:



1.4M

People Over 65 Years Old



385K with self-reported cognitive impairment

80% have not yet been evaluated or treated

6 Year Average Delay In Memory-loss Diagnosis \$2B

In Preventable Admissions Expenses



## Setting Our Goals: It's only a wish without a plan.

Our objective is to improve outcomes and quality of life for people dealing with memory loss, while streamlining services and offering more efficient care.



### **Georgia Memory Net Primary Goals**

- ✓ Increase Primary Care Provider (PCP) awareness of and screening for Mild Cognitive Impairment
- ✓ Develop and maintain network of Memory Assessment Clinics (MAC)
  - Expand access to diagnostic services statewide
  - Enhance connectivity for Georgians with Alzheimer's and related dementias to community services and support
  - Five sites in year 1 as pilot
- ✓ Develop and deploy robust IT infrastructure for comprehensive program evaluation, patient-level data capture, and statewide impact

### **Memory Assessment Clinic Partnerships**

### Albany, GA

Phoebe Putney / Phoebe Primary Care at Northwest

### Atlanta, GA

Grady Health System / Marcus Stroke and Neuroscience Outpatient Center

### Augusta, GA

Augusta University Health System / Memory & Movement Disorders Program

### Columbus, GA

Piedmont Healthcare / Piedmont Columbus Regional Family Medicine Center

### Macon, GA

Navicent Health / Family Health Center

#### **Memory Assessment Clinic Locations**







### The Process: An Always Integrated Path

Our system is designed for efficiency and convenience to all parties involved

#### Two Visit Process

- Visit 1 Initial Diagnostic Assessments
- Visit 2 The Conversation: Care and Support

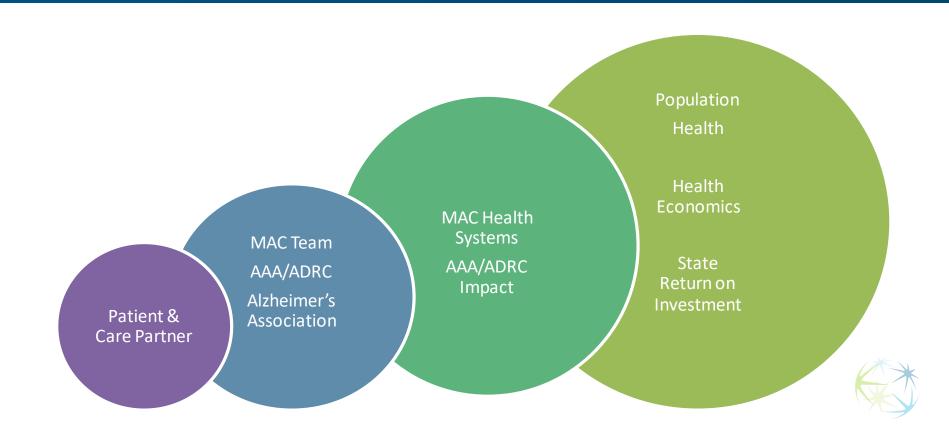
#### Return to PCP and Community Resources

- Detailed report from MAC to PCP
- PCP provides on-going maintenance and management of patient care
- Care plans and coordination with Area Agencies on Aging (AAA)

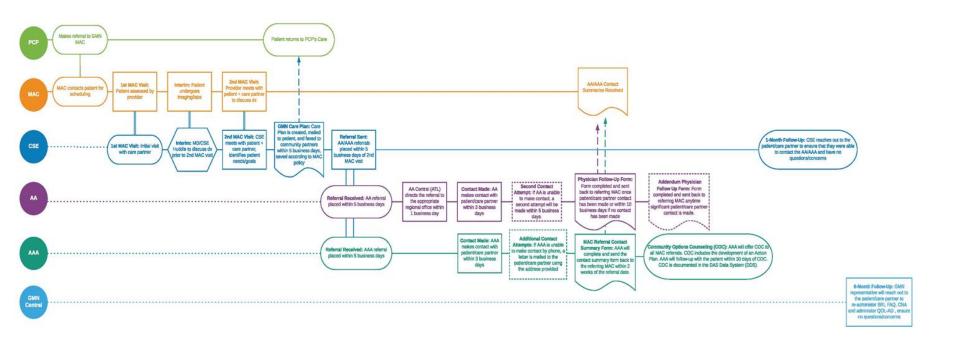


# GMN METRICS & PROGRAM EVALUATION FRAMEWORK

### **GMN Data: Program Evaluation Framework**



### **GMN Data: Iterative Workflow Quality Improvement**



### **GMN Data: Reported Metrics**

### Key Performance Indicators: State Strategic Plan

- Number Unique Patients Served
- Total Visits
- Total Referrals to AAA / State Aging & Disabilities
   Resource Connection network

 GA Dept. of Public Health Alzheimer's & Related Dementias Registry



### **GMN** Data: Program Evaluation/Improvement



Demographics
 Neuropsych Testing & Diagnostic
 Patient Health Information
 Care Partner Strain & Burden

Satisfaction

- PCP
   MAC Providers
   Knowledge of Program
   Knowledge/Skill in Role
   Care Plan Completion
   Care Plan Audit
- Service Utilization per ADRC
   Service Utilization per Patient
   DAS internal vs. MAC/GMN #s
   Service Utilization Care Partner
   MAC Health system impact
- Emergency Dept. Utilization
   Hospitalization
   SNF Placements
   AWV Rates

Regional Reach (underserved pop)

Referral Analysis
 MAC Efficiencies
 Cost Benefit Analysis
 GMN Financials
 Proliferation
 Grant Funding

### GMN Data: CMS Files - Population Health / State Rol

- Carrier Files GA beneficiaries and GA providers cohort (approximately 1,000,000 beneficiaries)
- Outpatient Files GA beneficiaries and GA providers cohort (approximately 1,000,000 beneficiaries)
- Inpatient Files GA beneficiaries and GA providers cohort (approximately 1,000,000 beneficiaries)
- Skilled Nursing Files GA beneficiaries and GA providers cohort (approximately 1,000,000 beneficiaries)
- Medicare Master Beneficiary Summary File (MBSF): (A/B/D) Segment
- Chronic Conditions Segment
- National Death Index Segment
- MD- Provider Practice and Specialty Segment



GMN TECHNOLOGY:
DATA CAPTURE,
MANAGEMENT,
VISUALIZATION

### GMN Data: Interim Data Capture / Visualization / Reporting

## Neuropsychological Testing Battery

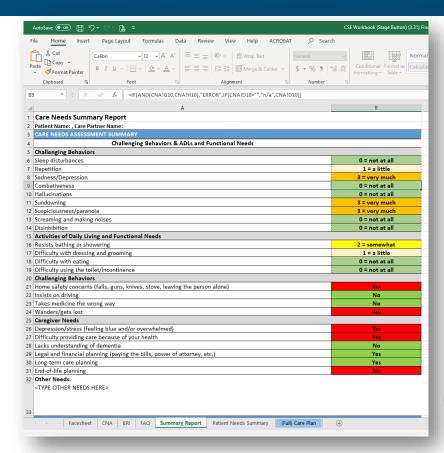
- NIH Toolbox iPad based
- + Collection of pen/paper tests
- Summary Dial/Rose Chart
- Ease in data capture
- Interpretation tool for Provider



### GMN Data: Interim Data Capture / Visualization / Reporting

# Care Partner Psycho-Social Needs Assessment Battery

- Benjamin Rose Institute Caregiver Strain Instrument
- Alzheimer's Association Caregiver Needs Assessment
- Functional Activities
   Questionnaire
- Patient Goal Setting for Care Plan & Initial CS Referral recommendations/highlights





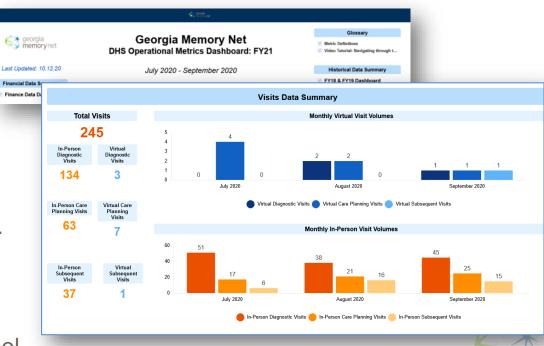
### GMN Data: Interim Data Capture / Visualization / Reporting

# Dashboard & Reporting Improvement Initiative

 (Re)identify Key Metrics per Program Growth, Budget Changes, DHS Needs

 Detailed Capture of Virtual vs. In-Person Visits

 Work Plan Embedded in SmartSheets Management Tool



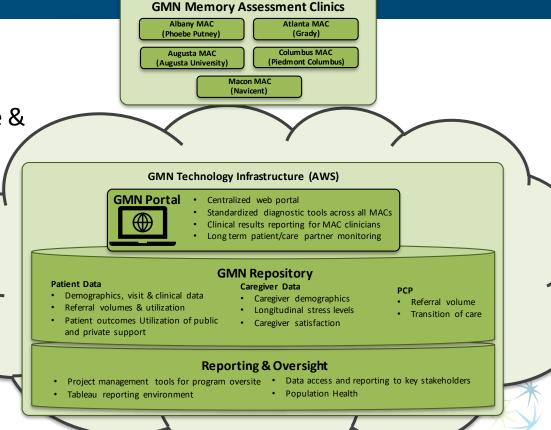
### GMN Portal: Release 2.0 (Current available release)

### **Key components:**

Established AWS infrastructure &

**GMN** foundation

- Diagnostics tools for CSEs and psych techs
- Provider facing reports
- Centralized metrics reporting and monitoring

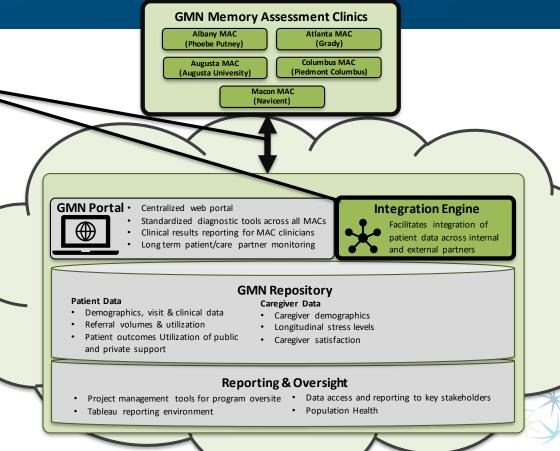


GMN Portal: Release 3.0 (Current development release)

### Key components:

 Implementing an interface engine into the GMN Portal Technology Infrastructure to support current and future data integration needs

Initial interfaces
 include HL7 ADT &
 scheduling from each
 MAC; GMN Portal
 reports back to MACs



### **GMN Portal: Overview**

**External to GMN GMN Network** 

**Dept. Public Health** Alzheimer's Registry **GMN Memory Assessment Clinics** Albany MAC

(Phoebe Putney) Augusta MAC (Augusta University) Atlanta MAC (Grady)

Columbus MAC (Piedmont Columbus)

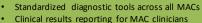
Macon MAC (Navicent)

**Community Partner Care Plan Sharing** (Regional AAAs)

**Georgia Health Information Network** (GaHIN)

#### **GMN Technology Infrastructure (AWS)**

GMN Portal · Centralized web portal



Long term patient/care partner monitoring



Facilitates integration of patient data across internal and external partners

#### Patient Data

- Demographics, visit & clinical data
- Referral volumes & utilization
- Patient outcomes Utilization of public and private support

#### **GMN Repository**

#### Caregiver Data

- Caregiver demographics
- · Longitudinal stress levels
- · Caregiver satisfaction

- · Referral volume
- · Transition of care

**Reporting & Oversight** 

- Project management tools for program oversite Data access and reporting to key stakeholders

Tableau reporting environment

· Population Health

PCP data

HIEs, direct connections)

Other External Data Sources Outcomes data (CMS data,

Private & Public Service Utilization (Patient & Caregiver)

### GMN Data: GA DPH Alzheimer's Registry



GMN has facilitated build out of IT interface between MAC electronic medical records to ADRD Registry



Records will automatically be shared via secure server from local Electronic Medical Record to Registry (rather than Doctors manually inputting each individual patient data)



Albany, Atlanta, Augusta, Emory Live
Columbus, Macon Go-Live anticipated 2<sup>nd</sup> Quarter of SFY21



# GMN TECHNOLOGY: COVID PIVOTS & INTRODUCTION OF TELEMEDICINE

### **GMN: COVID Pivots**

### ➤ Major Impacts of COVID:

- Clinic function & patient volume/safety
- Hiring freezes at Emory and MAC healthcare sites
- Redeployment of MAC staff to other hospital units to support COVID response
- Budgetary impact: GMN prepared for SFY21 massive cut

### ➤ Initial Response:

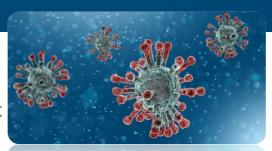
- Pause activity to extent possible
- MAC Needs Assessment to teams 4/19/20
- Shared lessons learned Emory Brain Health Center
- Developed templates for standard work
- Initial training manuals (e.g. conducting virtual testing visits)
- Early outreach materials for PCPs & Patients



### **GMN: COVID Pivots**

### ➤ Workflow, Data, Technology Impact:

- NIH Toolbox Testing not viable in telemedicine environment
- CSE visits / timing with testing and provider visits
- Metrics capture virtual vs. in person
- Patient access to technology / internet

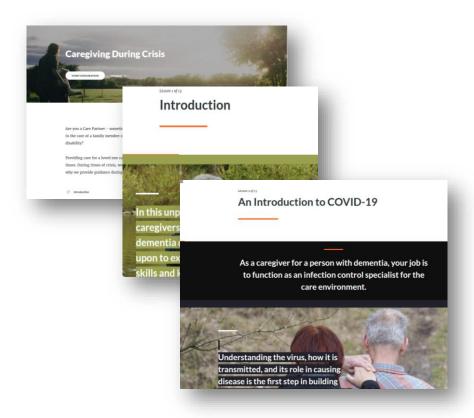


### Ongoing Response:

- Reconfigure Neuropsych Testing battery harmonization across Emory Brain Health Center & Cognitive programs
- SmartSheets Data Capture/Dashboards updates include Virtual vs. in person visits
- GMN Portal design reconfigurations for Neuropsych testing, visit capture
- Iterative process for workflow & standard work



### **COVID Impact: Enhanced Care Partner Support**



Lesson 4 of 13

#### **Risk Management and Crisis Planning**

As a caregiver, you are in the process of developing a sense of competence about living and being the responsible party in a world of threat and ambiguity. This is often an uncomfortable process because you are being asked to bear so much responsibility and so much uncertainty at the same time.

Yet, your job is to act as a risk manager, which means making informed choices about protecting your person from threats. At the same time, you need to accept that there are some worst case scenarios that you may not want to consider, but that must be planned for as part of your responsibility as the caregiver.

This section is intended to help you to recognize your function as a risk manager and disaster planner and to help you feel confident in your role.

### **COVID Impact: Telehealth Changing Landscape**

- Use of virtual visits has increased 53% from prepandemic levels (nationally)
- Interest in virtual visits has increased across demographics and health services
- Adults over 56 prefer a virtual visit to driving more than an hour for a second opinion

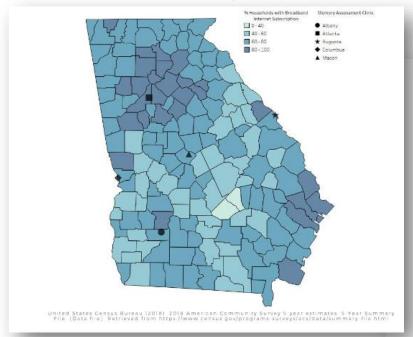


### **COVID Impact: Telehealth Access**

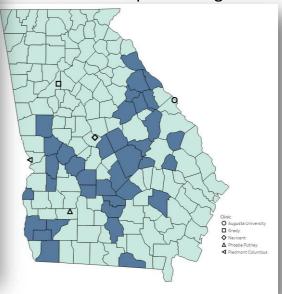
# Access Barriers - 159 Counties:

- 35% federally designated full or partial primary care Health Professional Shortage Areas (or HPSAs).
- Of those, 73% are designated as highneed

Percentage Households with Broadband Internet Subscription



Broadband Coverage < 60% & Over 15% Population Aged 65+



### **COVID Impact: Telehealth Partnerships**

- Division of Aging Services: CARES Act Funds
  - ≥ 25 iPads
  - ➤ AAA/ADRC Network for targeted pilots mobile iPads
- Department of Public Health
  - > Telemedicine offices in all counties
  - Data-driven approach: iPad site selection, leverage existing DPH resources



### **GMN Telehealth Implementation**

**Goal:** To implement telehealth processes across Georgia Memory Net that reduce pandemic exposure, *expand access*, *and eliminate barriers* 

# Memory Assessment Clinics

- Partner with MACs to realize telehealth strategy
- Provide platforms and telehealth guidance
- Leverage Emory best practices

### Primary Care Partners

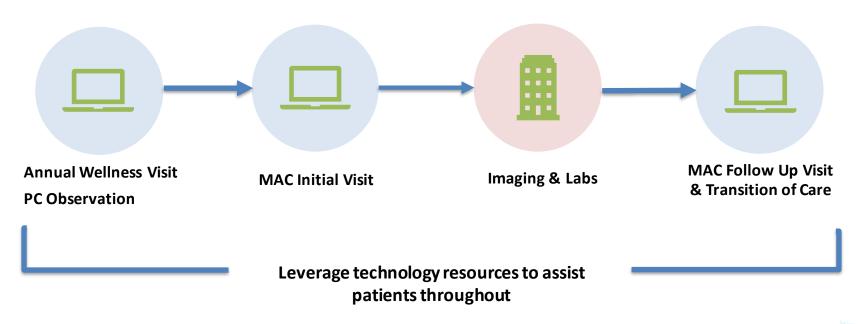
- Leverage PCP Advisory Board to determine specific needs
- Educate PCPs on GMN flow and telehealth Annual Wellness Visits & Cognitive/Memory screening

### Patient Population

- Partner with DPH on iPad rollout & supporting resources
- Develop decision trees and patient experience journey
- Identify patients most likely to benefit
- Market telehealth AWVs



### **GMN Fully Implemented Telehealth Process**





### **GMN Telehealth: Barriers, Anticipations**

Barriers - in addition to known factors of access...

- Provider & Clinic Level:
  - Provider hesitation
  - Health system technology /EMR resources
  - Training needed
- Patient Level
  - Hesitation / preference for in-person if "doors are open"
  - Communication: Difficulty hearing, language barriers
  - Care Partner unavailable to assist
- Other General
  - Imaging / labs



### **GMN Telehealth: Barriers, Anticipations**

### Anticipated Issues & Mitigation Efforts

- Provider & Clinic Level:
  - Ongoing & Increased virtual shadowing opportunities
  - Leverage Portal; GMN Zoom license for MACs available
  - Technology hardware purchases approved in FY21 MAC budgets
  - Engagement with healthcare systems' IT/EMR teams
- Patient Level
  - Outreach & education campaigns
  - Audio enhancements purchased; exploring translation services
  - Increased & enhanced support from local MAC & Central GMN teams (incl. support from Emory Brain Health Center)



### **GMN Telehealth: Steps to Achieve Full Process**



Implement full telehealth workflow at MACs





Once ready, utilize telehealth for existing MAC referrals





Begin working with referring PCPs, both existing and new, on telehealth education





Identify new patient populations in need of technology resources



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### **ADDITIONAL QUESTIONS?**

GAmemorynet.org

Rebecca Dillard, GMN Project Director <u>rdillar@emory.edu</u>

Michaela Harris, GMN Program Manager <u>Michaela.harris@emory.edu</u>

# By 2025, it is anticipated that the number of Georgians living with Azlheimer's will increate by nearly 30%.

#### CLADITY CADE COMMUNITY

Georgia Memory Net is a statewide program dedicated to the diagnosis and treatment of Alzheimer's disease and other dementias. We're here to give Georgians, and their premary care providers; the tools they need for accurate diagnosis, appropriate treatment, and long-term support.





#### Stay Informed

If you've a Medicam-eligible actual, you've entitled to an America Welleria Vivil— Inself is streaming with your Primary Browning part for any your Primary Browning action by Medicams. The included is Service Conference on the service with a serv



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Oxorgia Markoy Net is dedicated to provi

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#### HERE FOR EVERYONE Maybe you're under 63, roll eligible for Medicale, or call travelue Aresult Weltness York for any other reason, but you still have comp

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#### STAY CONNECTED

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ISIGN-UP TO RECEIVE PROGRAM UPDATES

#### THE FACTS ARE IN THE NUMBERS

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Download Our One-sheet







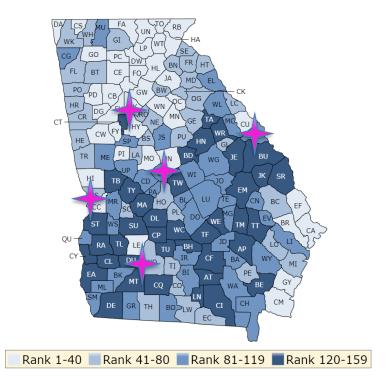
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# **GA MEMORY NET**

2020 HCBS Annual Conference

Data & Technology for Dementia Care Improvement Appendix

# **Impact: MAC Placement**



GA\_HPSA\_2017 map

United Health Foundation, America's Health Rankings. 2019.

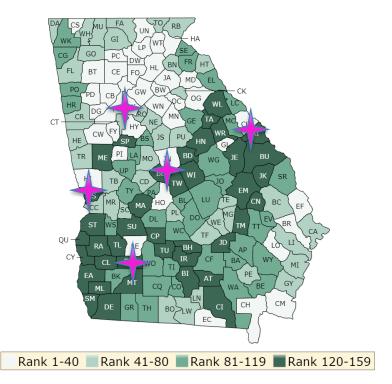
# Healthcare Professional Shortage Areas

35% GA counties federally designated full or partial primary care Health Professional Shortage Areas (or HPSAs).

Of those, 73% are designated as high-need

56% GA counties designated as primary care low-income population HPSAs with shortages of primary care providers serving low-income residents

# **Impact: MAC Placement**



Source: 2019 County Health Rankings and Roadmaps https://www.countyhealthrankings.org/reports/state-reports/2019-georgia-report

# County Health Rankings

Health factors include:
health behaviors,
access to care, quality
of care, social and
economic factors
(education, employment,
income), and the
physical environment
(housing & transit)

Map at left: less color intensity indicates better performance



# OREGON'S RESIDENTIAL CARE QUALITY MEASUREMENT PROGRAM

Ann McQueen, PhD, Community Services & Supports Manager

Oregon Department of Human Services

Sara Kofman, Public Policy Director

Alzheimer's Association

### **AGENDA**

In our time today...

- An overview of Oregon's Residential Care Quality Measurement Program
- How the Program works and why it matters
- Implications of COVID-19 on the Program





### PURPLE RIBBON POLICY RECOMMENDATIONS





#### **Quality Metrics to Track and Measure Success**

We believe there are limited indicators to illustrate a holistic representation of quality dementia care. Data and quality metrics demonstrate success in dementia care, and quality care is driven through key indicators.

#### Acuity-Based Staffing Models and Workforce Development

We recognize there are workforce challenges in dementia care. We encourage participation in the profession by dementia capable Oregonians.

#### Caregiver Training and Competency

We know that having an adequate number of dementia capable, competently trained caregivers is critical to providing high quality care to those with dementia.

#### Family and Consumer Supports and Programs

We support programs that will enable those affected by dementia and their loved ones to receive the best information and resources regarding this disease.





# ORS 410.010 – State policy for seniors and people with disabilities

The Legislative Assembly finds and declares that, in keeping with the traditional concept of the inherent dignity of the individual in our democratic society, the older citizens of this state are entitled to enjoy their later years in **health**, **honor and dignity**, and citizens with disabilities are entitled to live **lives of maximum freedom and independence**.

- Balancing safety and independence
- Enforcement of policies and rules
- Transparent communication with consumers and facilities





### **House Bill 3359 – RECOMMENDATIONS**

79th OREGON LEGISLATIVE ASSEMBLY-2017 Regular Session

#### Enrolled

#### House Bill 3359

Spensored by Representatives MCKEOWN, KENY-GUVER, Senators KRUSE, GELSER, KNOPP, Representatives ALONSO LEON, SYNUM, ESQUIVEL, EVANS, FAHEY, GÖMBERG, LININGER, MALSTROM, MCLAIN, MEEK, NOBLE, OLSON, RAYFIELD, SMITH G, SOLLMAN, WILLAIMSON, Senators DEMBROW, MONNES ANDERSON, ROBLAY, OR SOLLMAN, WILLAIMSON, Senators DEMBROW, MONNES ANDERSON, ROBLAY, DEMBROW, ROBLAY

CHAPTER .....

AN ACT

Relating to long term care; creating new provisions; amending OBS 409,720, 430.216, 441.020, 441.303, 441.367, 441.086, 441.530, 441.537, 441.580, 441.715, 441.745, 443.00, 443.415, 443.204, 443.450, 4

Be It Enacted by the People of the State of Oregon:

#### LEGISLATIVE FINDINGS

SECTION 1. (1) The Legislative Assembly finds that:

(a) Residents of Oregon's community-based care facilities are valued citizens of this state and deserve to live lives of autonomy and dignity; and

(b) Support and training for those who serve these valued citizens are important to ensuring that these valued citizens are able to live the lives they deserve.

(2) The Legislative Assembly finds and declares that it is the policy of this state to: (a) Promote the autonomy of residents of Oregon's community-based care facilities and accord them honor, dignity and the ability to choose freely how they live their lives so as to encourage maximum independence and fulfillment; and



In 2017, the Oregon Legislature passed HB 3359 that included several Purple Ribbon Commission recommendations, including:

A uniform Residential Care Quality Measurement Program be developed to measure and compare performance of residential care facility (RCF) and assisted living facility (ALF) across the state of Oregon.

- A governor-appointed Quality Measurement Council is tasked with developing metrics to measure the quality of care provided by facilities.
- The Council is responsible for ensuring the program won't be burdensome to facilities.
- The law mandates that each RCF and ALF annually submit quality metrics data to the department.



## THE QUALITY MEASUREMENT COUNCIL

- Council Representatives:
  - Oregon Patient Safety Commission
  - Residential Care Facility
  - Alzheimer's Association
  - Geriatrician/Provider
  - Oregon State University Gerontology Faculty
  - Portland State University Gerontology Faculty
  - Long Term Care Ombudsman
  - Oregon Department of Human Services
- Met monthly for 1 ½+ years





# DEVELOPING MEASURES: A WORTHWHILE STRUGGLE

The first year of data collection/reporting started in 2020. Residential care and assisted living facilities will be required to report the following metrics (as defined in HB 3359):

- 1. Retention of direct care staff
- 2. Compliance with staff training requirements
- 3. Number of resident falls that result in injury
- 4. Incidence of use of antipsychotic medications for non-standard purposes
- 5. Results of annual resident satisfaction survey conducted by an independent entity





### **METRIC 1: RETENTION OF DIRECT CARE STAFF**

WHY: Experienced staff provide better care for residents

**TIMING:** Track from January 1, 2020 to December 31, 2020

#### WHAT TO TRACK:

- Total number of direct care staff employed by facility for one calendar year or longer
- Total number of direct care staff employed at end of calendar year (count on December 31, 2020)





# METRIC #2: COMPLIANCE WITH STAFF TRAINING

**WHY:** Trained staff provide better care and have higher job satisfaction

**TIMING:** Track January 1, 2020 to December 31, 2020



#### **HOW:** Track the training of every employee

- 1. Determine if each employee is "direct care" or "non-direct care" staff
- 2. Determine which staff have been employed less than one year





### **METRIC #3: FALLS WITH INJURY**

WHY: Learn about causes and prevent as many serious falls as possible

WHEN: Track January 1, 2020 through December 31, 2020

#### WHAT TO TRACK EACH MONTH:

- 1. Total **number of residents** living in the facility on the last day of the month.
- 2. Total **number of falls with injury** during the month.
- 3. Number of residents with at least one fall with injury during the month.
- Number of residents who fell more than once during the month.





# METRIC #4: NON-STANDARD USE OF ANTIPSYCHOTICS

#### WHY:

Concern that antipsychotic medications are being overused in facilities to calm undesirable behavioral and psychological symptoms of residents with dementia.

#### **GOALS:**

- Increase awareness
- Ensure person-centered assessments are used
- Encourage non-pharmacological treatments before and with antipsychotics.





### **METRIC #5: RESIDENT SATISFACTION**

#### **METRIC:**

Results of annual resident satisfaction survey conducted by an independent entity.

#### **IMPORTANT TO REMEMBER:**

- Independent entity must conduct survey
- Four required CoreQ questions
- Survey must be completed during 2020 with data entered no later than January 31, 2021





# METRIC #5: RESIDENT SATISFACTION (CONT.)

#### **COREQ REQUIRED QUESTIONS:**

All CoreQ Measures use the same 5-point Likert Scale:

Poor (1), Average (2), Good (3), Very Good (4), Excellent (5)

- 1. In recommending this facility to your friends and family, how would you rate it overall?
- 2. Overall, how would you rate the staff?
- 3. How would you rate the care you receive?
- 4. Overall, how would you rate the food?





### THE IMPACT OF COVID-19

- Measurement expectations
  - Facilities responding to COVID-19
  - ODHS staff responding to COVID-19
- Changes to Accommodate COVID-19
  - Yes/no questions
  - No resident satisfaction survey for 2020
- Communication with Vendors
- Quality Measurement Council Meetings postponed





# THE ANNUAL QUALITY MEASUREMENT REPORT

The Oregon Department of Human Services will post the first quality metrics report by July 1, 2021\*\* and it will:

- Illustrate statewide patterns and trends based on the reported data.
- Allow providers and consumers to compare performance of the five quality measures.
- Identify the number, scope and severity of regulatory violations & abuse investigations.
- Data challenges work in progress.

# How do we truly measure quality?

- How do consumers get meaningful info about Community Based Care?
- What can providers learn from their data and that of others to drive quality?
- How can regulators better evaluate provider performance?

# QUESTIONS...

Please contact us at:

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Jan Karlen – Oregon Department of Human Services

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