The Need for Community-Based Aging and Senior Care Innovation



The New Old Age

- The New Era of Longevity

 Many More People Living with High Needs
- The Current System is III-Prepared
- Communities Drive Change



Frailty in Old Age: A Risk We All Face

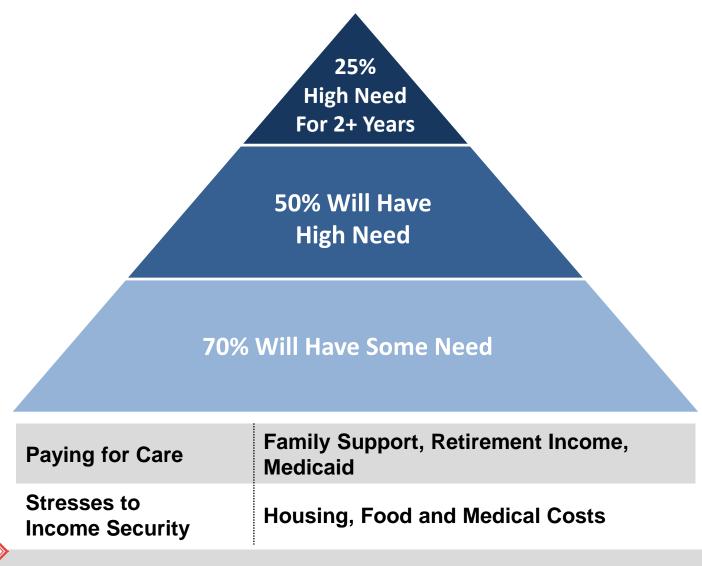
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Half of Adults Age 65+ Will Need a High Level of Care at Some Point



Table 1, Favreault and Dey (2015)

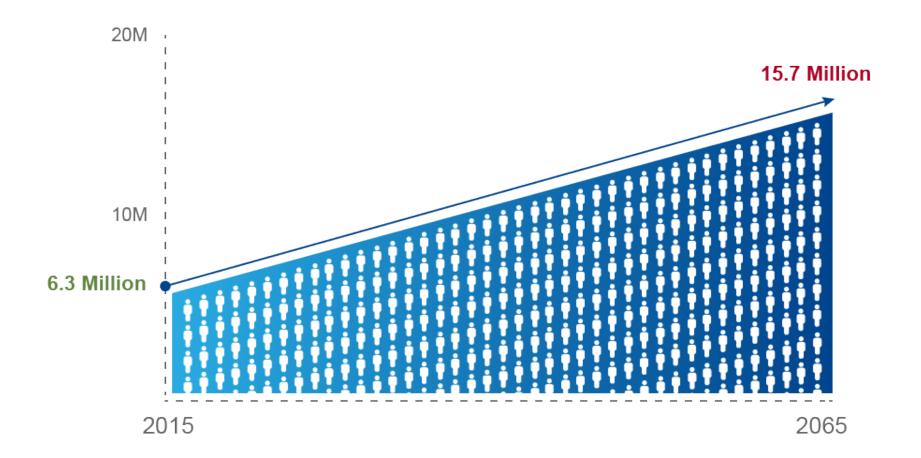
Lifetime Care Needs Vary



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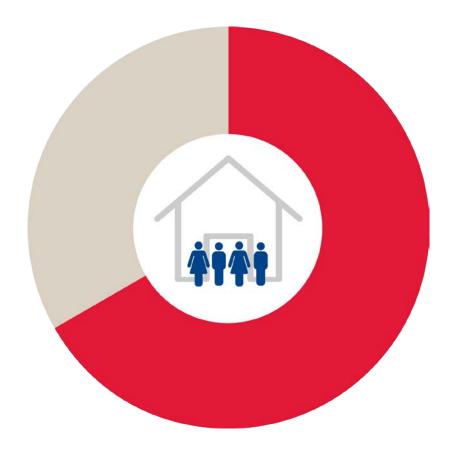
High Need Older Adult Population Rising Fast



Favreault & Dey (2015), Figure 1



Families Do Most of the Work Today



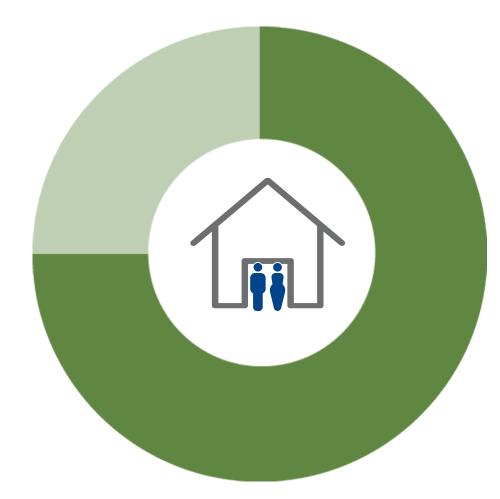
Nearly 2/3

of Older Adults with LTC Needs Living at Home Receive All Help from Unpaid Family and Friends

Note: Excludes individuals living in nursing homes Table 4, Freedman and Spillman (2014)



Supporting Older Adults at Home

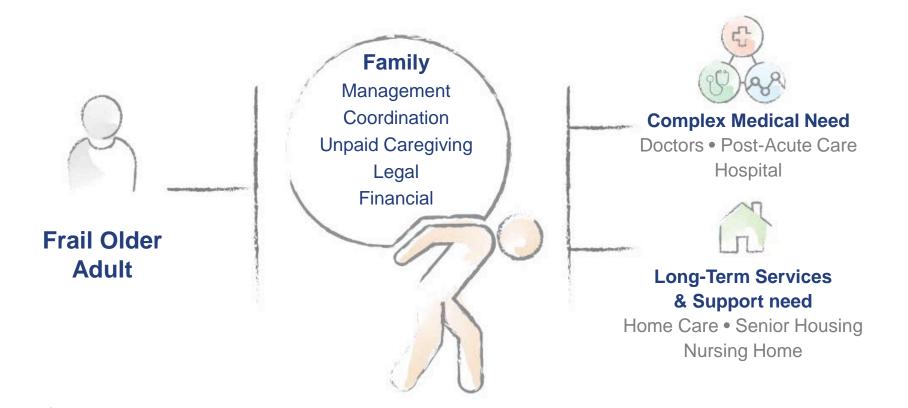


3/4 Older Adults with Needs Live at Home

Table 2, Freedman and Spillman (2014)



But They are in Crisis





Because of Disconnected Local Systems

Medical Integration

Gap in coordination, Particularly in crisis

IADLS & ADLS

Expensive Lacks Appeal Lacks Flexibility Worker Quality is Poor

In-Home Technology Not yet well leveraged to

substitute for Hub and Daily Care

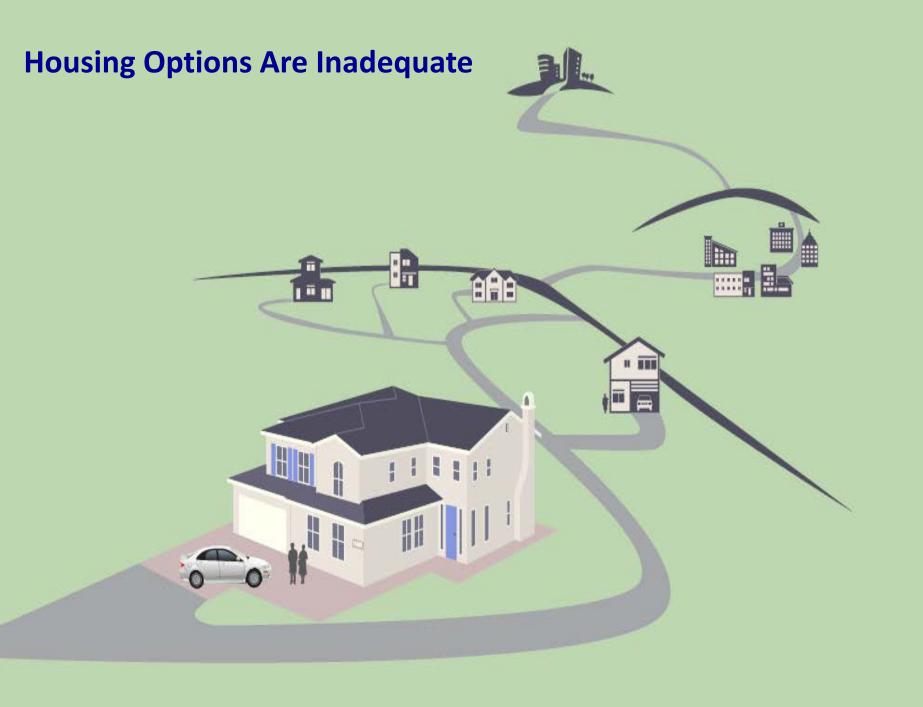
HUB

Most people do not receive any assistance entering the delivery system or managing it on a ongoing basis

Supportive Environment

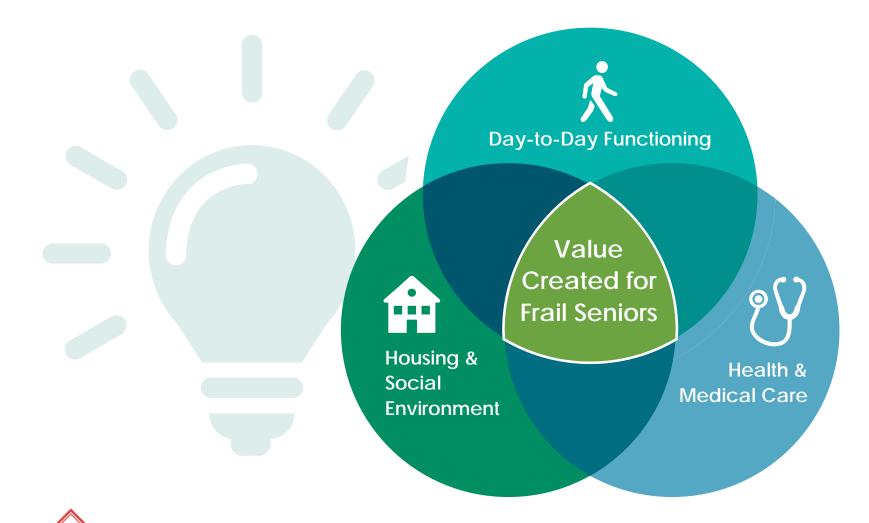
Most people live in single-family dwellings unsuited for family







We Need Holistic, Community-Based Solutions



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Case Study in Housing: The Stories



- New models are emerging that allow people to age in place
- Walkable mixed-use locations
- Integration of technology and delivery of on demand services
- Not necessarily seen as "senior" communities
 - May not be age-restricted

The Washington Post Forbes



where grown-ups keep growing



Confidential & Proprietary

The Village Movement: Staying in your own home in the neighborhood you love

A non-profit, membership organization created and run by people 50 and over.

- One stop shopping: Offers everything and anything members want to enhance and make their lives easier
- Members are the driving force behind all actions the "Village' takes.
- Strategic Partners are critical- Work with all resources



Technological Solutions: Explosion of Health Care & Wellness Apps

FitBit (Fitness/Wellness)





iBGStar (Diabetes)

AliveCor (ECG)





Proteus Digital Health (Digital Pill)

Yes, There's an App for That

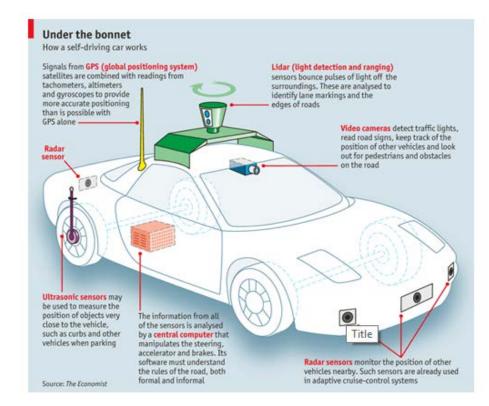
Self-Driving Car Just in Time **Arrival Expected in 2020**

Google unveils self-driving car

Google has begun building a fleet of experimental electric-powered cars that will have a stop-go button but no controls, steering wheel or pedals. Google claims that the two-seater vehicle will revolutionise transport by making roads safer, and decrease congestion and pollution

1 GPS receiver 3 Video camera Matches position Identifies other 0 with customised road users, lane version of markers and Google's road traffic signals maps 4 Radars: 2 Laser 3 Located at front range and rear, detect finder: proximity of obstacles Rotating sensor 4 scans 180m distance Speed: Limited to 40km/h through 360° to generate to help ensure safety 3D map of surroundings Engine: 160km-range Windscreen: Flexible electric motor - equivalent plastic designed to one used by Fiat's 500e to reduce injuries Inertial motion Front: Foam-like sensors material minimises determine impact in case velocity and of crash direction Car would be summoned with smartphone application \bigcirc

https://www.google.com/url?sa=i&rct=j&g=&esrc=s&source=images&cd=&ved=0CAQQjBw&





Google

Picture:

Can The Internet Address Malnutrition?

At-Home Eating: The Race To Convenience





Aughterhood Circles

