

Meeting the Transportation Needs of Seniors and PWD in Alberta Communities: Transitioning Obstacles into Opportunities

2017 CPAA Conference

May 1 – 3, 2017

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What is MARD?

- Research and Knowledge Translation Centre at the University of Alberta
- Studies on:
 - Effects of medical conditions on driving
 - Development of screening tools to assist physicians in identifying medically impaired drivers
 - Transportation needs of seniors and PWD
 - Development of resources to enable transportation mobility of seniors and PWD

MARD Centre Initiatives on Alternate Transportation for Seniors

Understanding the Transportation Needs of Seniors and PWD

- 2009 Survey of Edmonton Alternate Transportation Providers
- 2011 Provincial Survey of 901 Seniors in Rural and Urban Alberta on Perceptions and Use of Alternate Transportation
- 2013 Community Needs Assessment of Alternate Transportation in Wainwright and Area
- 2015 Capital Region Board Transportation Needs Assessment Pilot
- 2016 Capital Region Board Transportation Needs Assessment (Region)
- 2016-2017 Provincial Transportation Needs Assessment

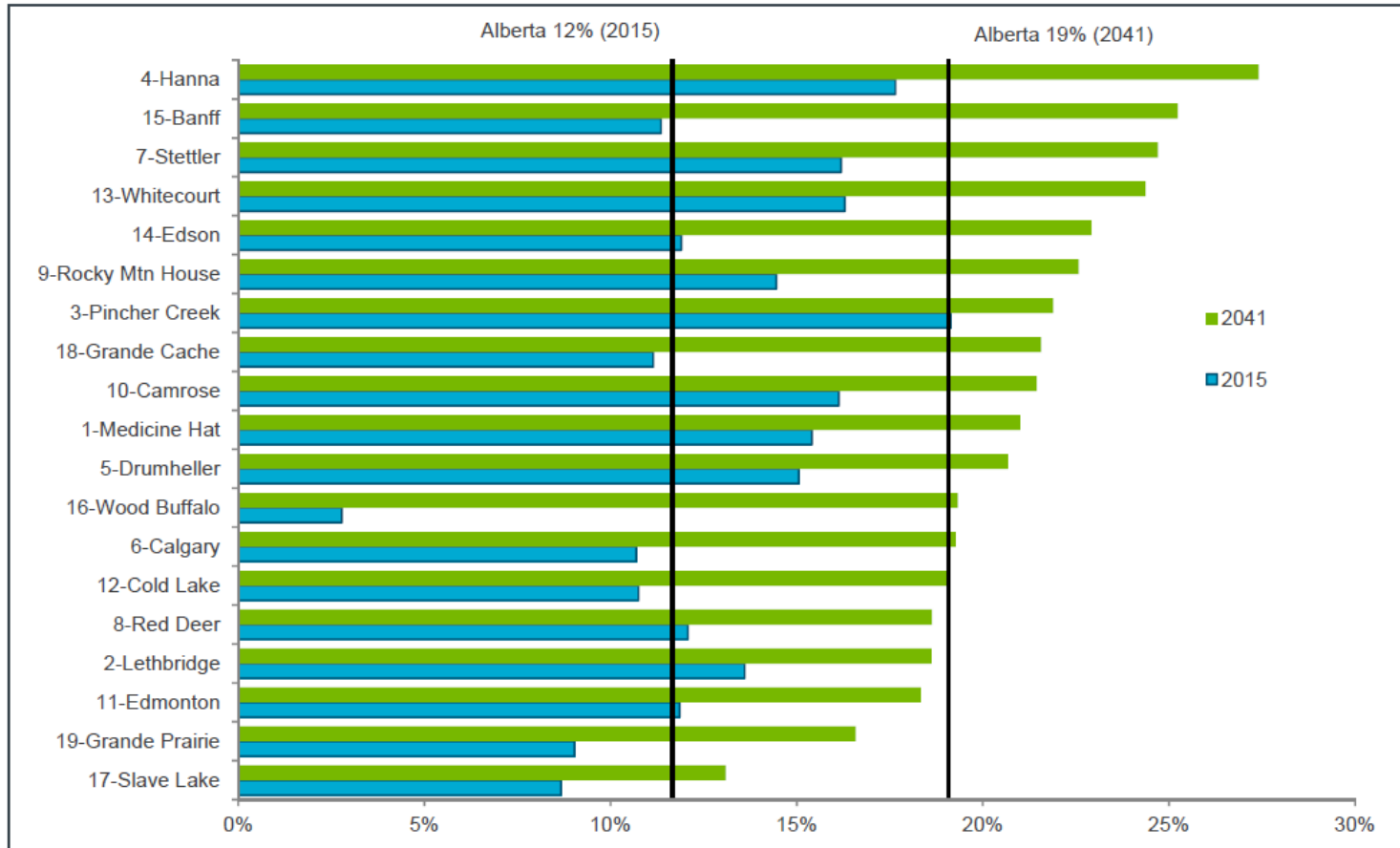
Understanding Transportation Providers

- 2009 Identification of Alternate Transportation Providers in Rural and Urban Alberta
- 2010 Development of Compendium of Alternate Transportation Providers in Rural and Urban Alberta
- 2011 A National and International Scan of Existing Models of Seniors' Alternate Transportation and Identification of Unique Models and Innovative Solutions
- 2011-2012 Compendium of Alternate Transportation Providers in British Columbia
- 2013 Compendium of Alternate Transportation Providers in Manitoba
- 2014 Analysis of Ride-Scheduling Software for Alternate Transportation Providers

Taking the Knowledge to Practice

- 2013-2014 Collaboration with Wainwright on Development and Implementation of Alternate Transportation in Wainwright and District
- 2016 Development of Transportation Toolkit
- 2016 Implementing Ride-Scheduling Software
- 2016-2017 Validation of the Transportation Toolkit
- 2017 Developing a Regional Model of Transportation

Alberta's Aging Population



Sources: Statistics Canada and Alberta Treasury Board and Finance

The Provincial Transportation Needs Assessment (MARD) (Preliminary Data)

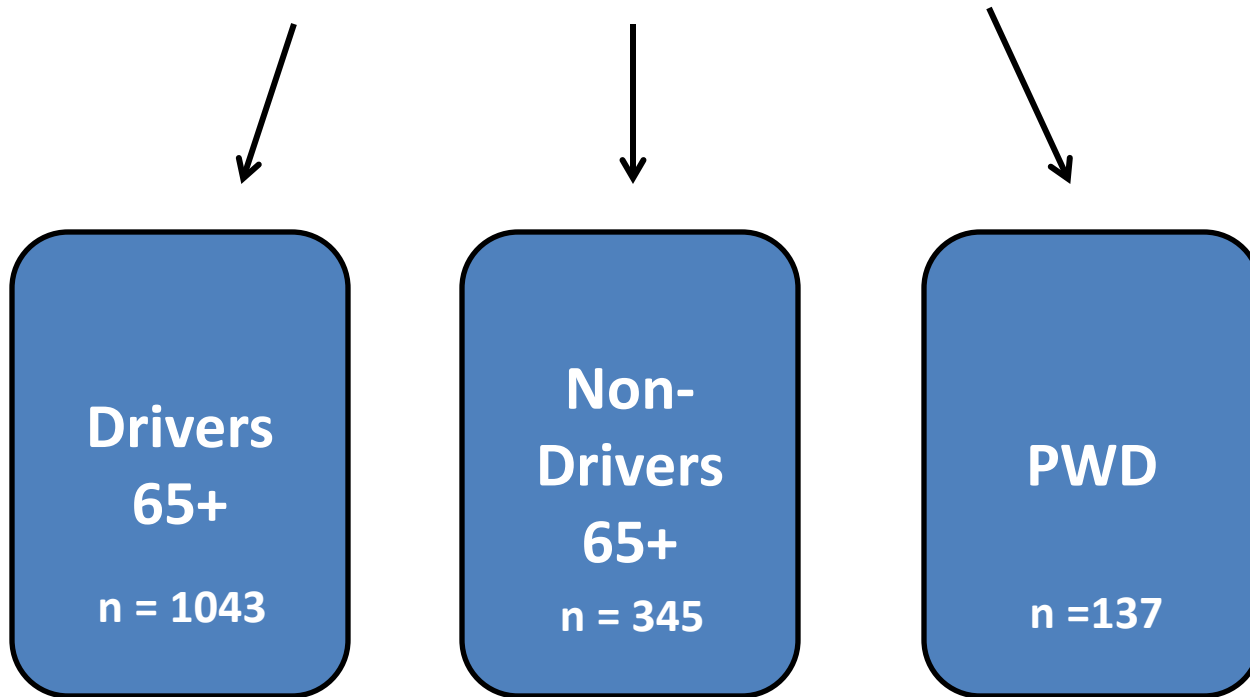


Survey Instrument

- One survey instrument
 - » Seniors (Drivers and Non-Drivers)
 - » PWDs (18 to 64 years of age)
- Focus
 - » Transportation needs and deficiencies
 - » Awareness/Use of/Satisfaction with existing services
 - » 5 A's of ATS (Availability, Accessibility, Adaptability, Acceptability, Affordability)
 - » Intermunicipal transit services
 - » Willingness to pay/Who should pay

Overall Sample

N = 1525



Mean Age

74

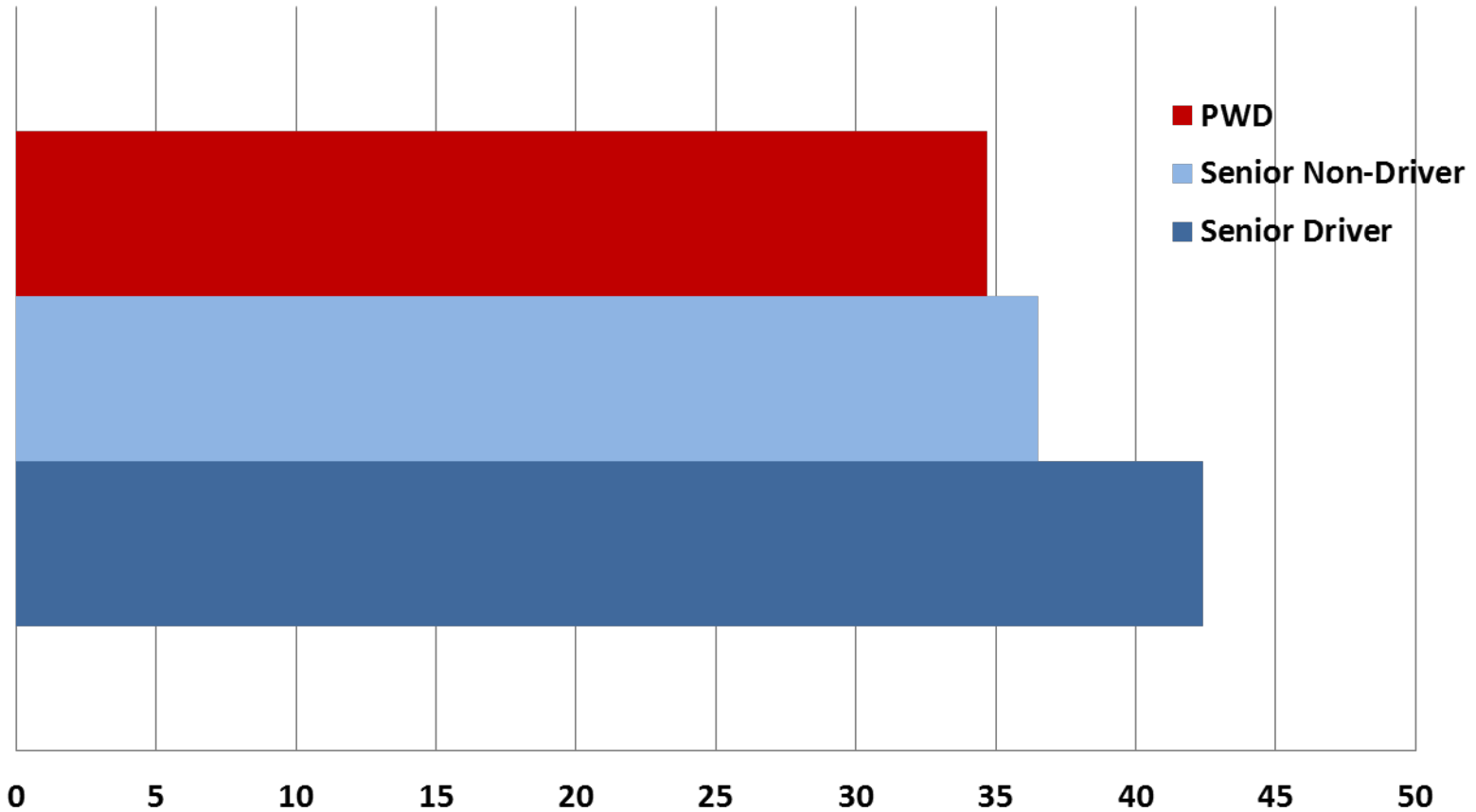
79

50

May 2017 Preliminary Data

Place of Residence

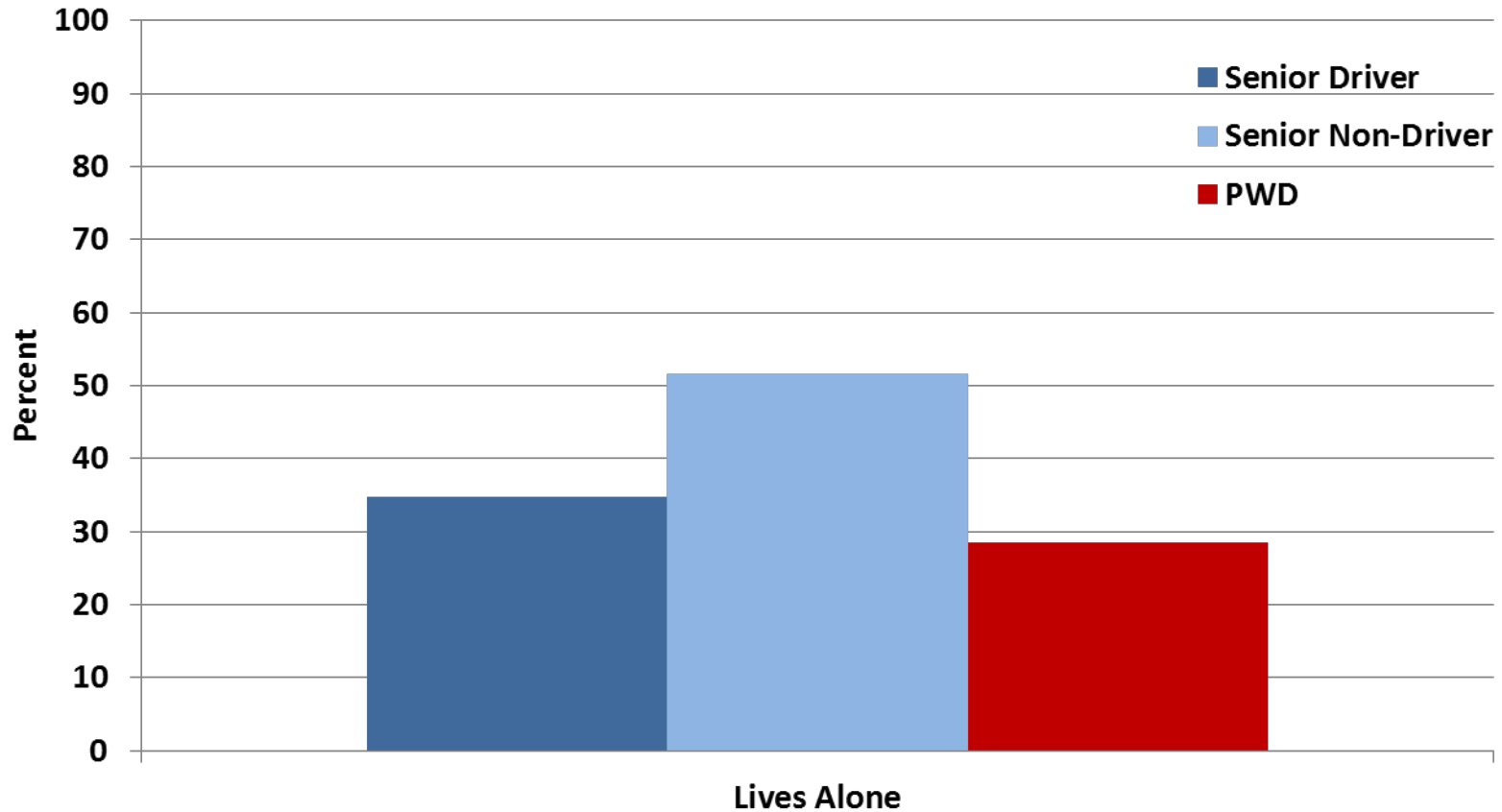
(Living Outside of a City)



May 2017 Preliminary Data

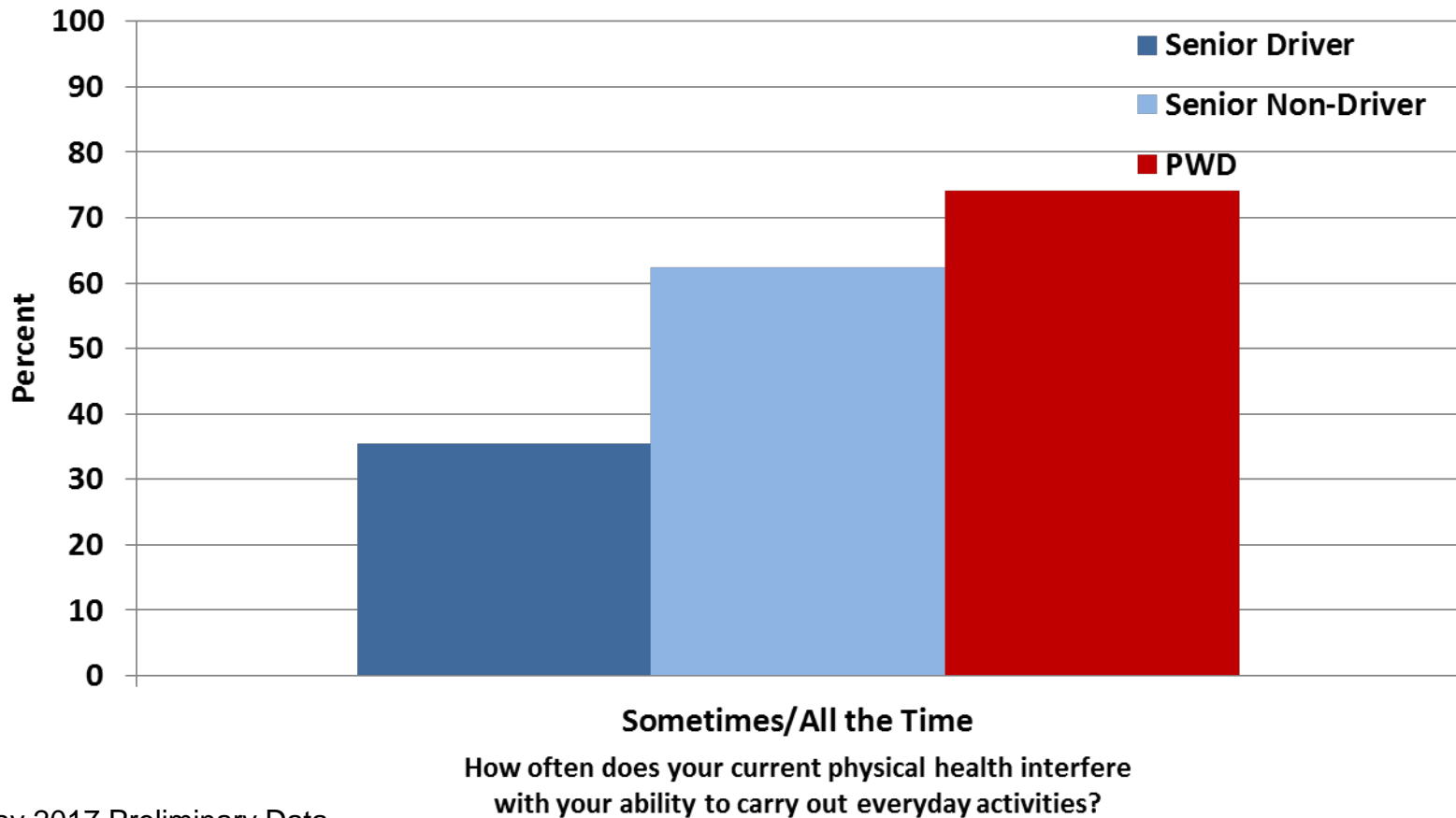
Percent

Living Arrangements



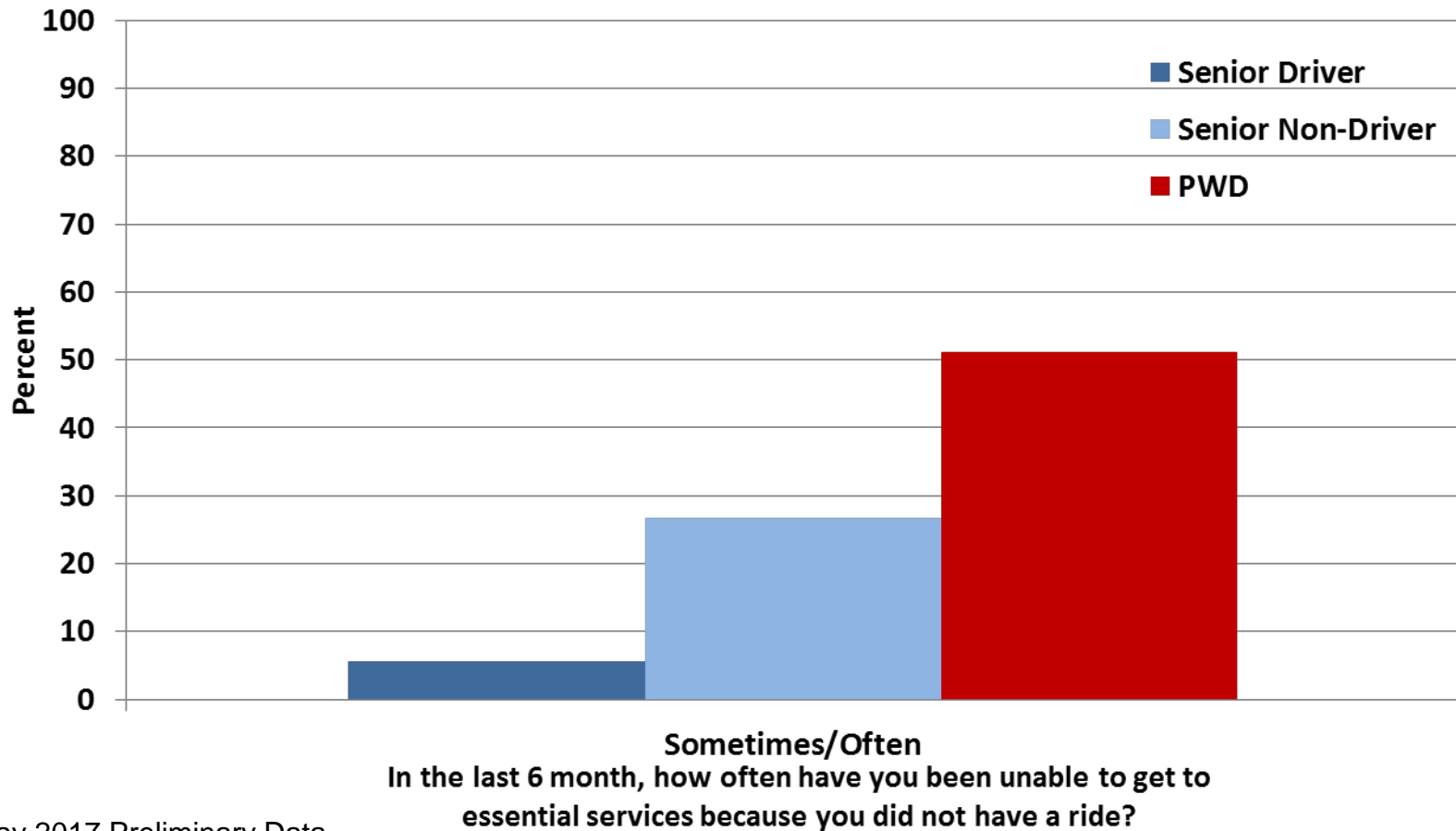
May 2017 Preliminary Data

Physical Health



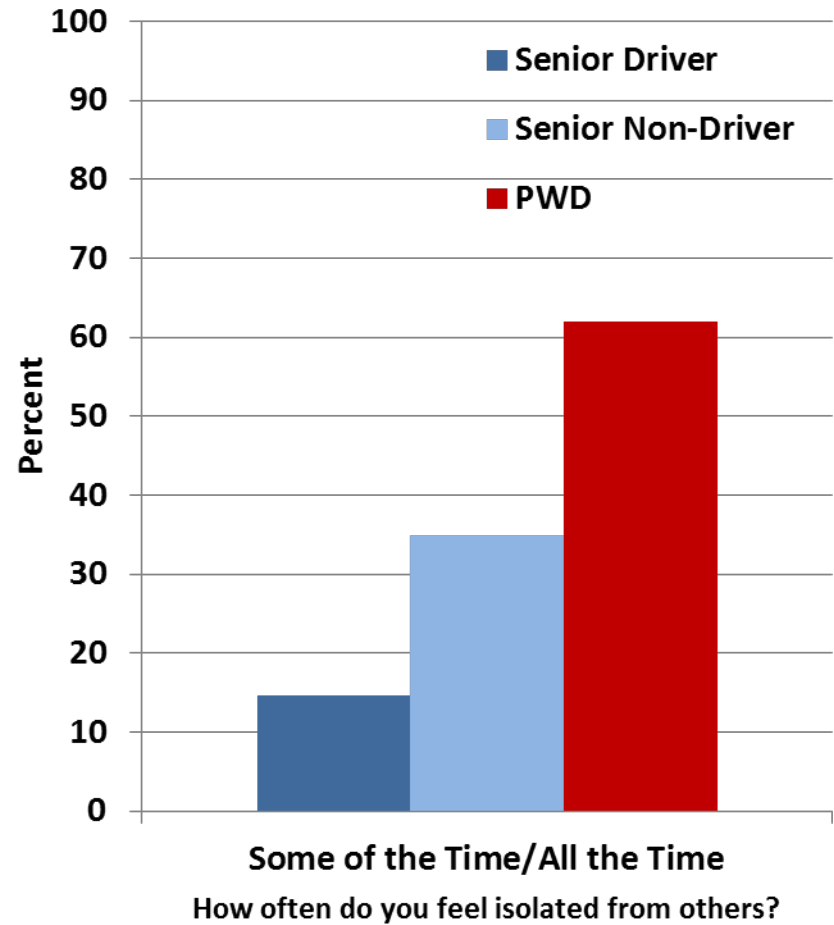
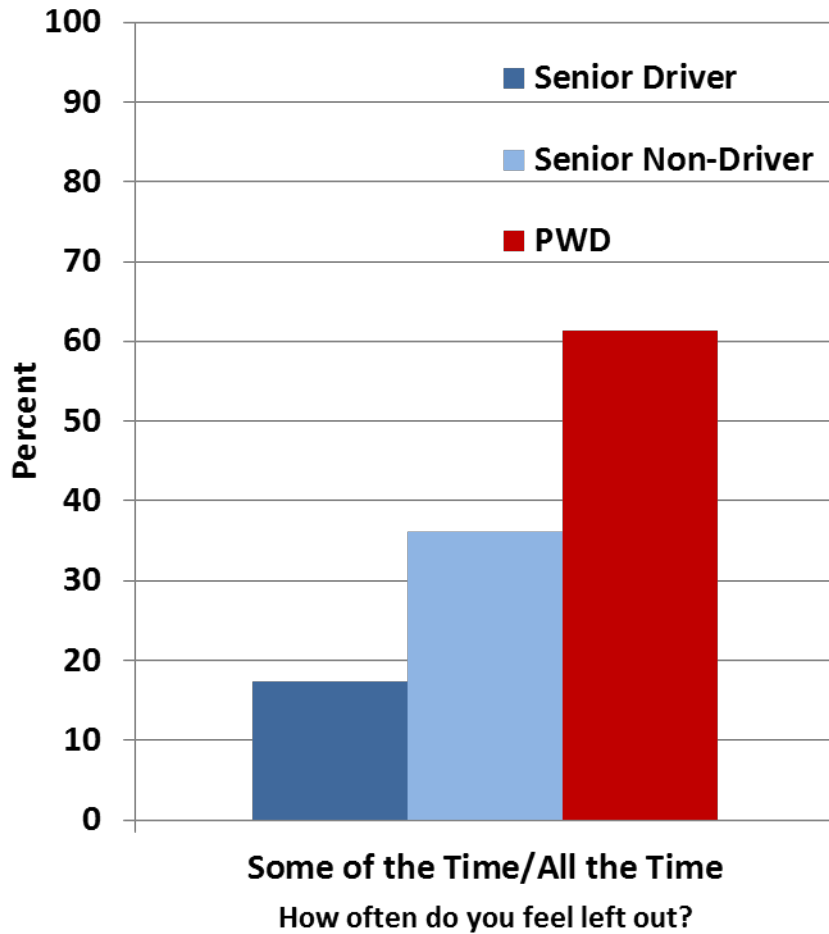
May 2017 Preliminary Data

Unable to Get to Essential Services



May 2017 Preliminary Data

Social Isolation



May 2017 Preliminary Data

Data Sharing

MARD will post
results by AHS Zone
for Community Use



Why Do Seniors Stop Driving?

"Well, my car like me was getting ancient. My husband got sick so I was busy with him. It was just sitting there so I thought I should just get rid of it."

"My doctor advised me not to drive for safety reasons."

"I just don't have confidence in my driving anymore."

"I don't like driving in the city; too many idiot drivers."

"I don't really care to drive. I just feel that drivers nowadays are disrespectful and it made me nervous."

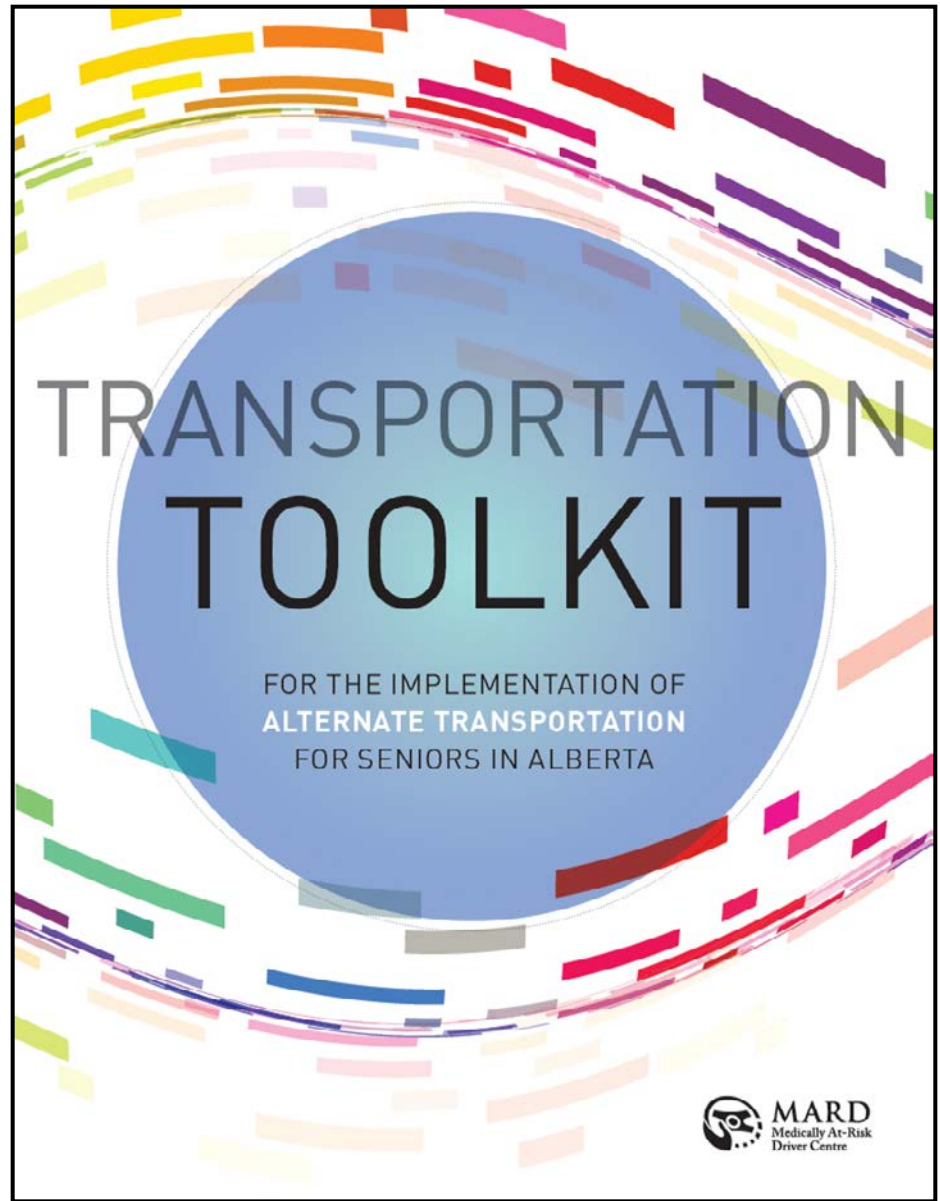
Challenges Communities Face in Building a Sustainable Transportation Service

“Collaboration and regionalization are real problems”

*“There are **many underutilized buses** in the community; How can organizations come together to utilize these buses completely?”*

“This is something that is needed in every community and should be coordinated at a municipal level to eliminate some of the issues”

Solutions



Toolkit

1

GETTING STARTED
(8)

2

**DEVELOPING
AND IMPLEMENTING
A PROJECT PLAN**
(22)

3

**CONDUCTING
A COMMUNITY
TRANSPORTATION
NEEDS ASSESSMENT**
(30)

4

**LAUNCHING YOUR
TRANSPORTATION
SERVICE**
(48)

5

**RECEIVING FEEDBACK
& EVALUATING YOUR
TRANSPORTATION
SERVICE**
(60)

6

**BUILDING A
SUSTAINABLE
TRANSPORTATION
SERVICE**
(66)

Making a Difference

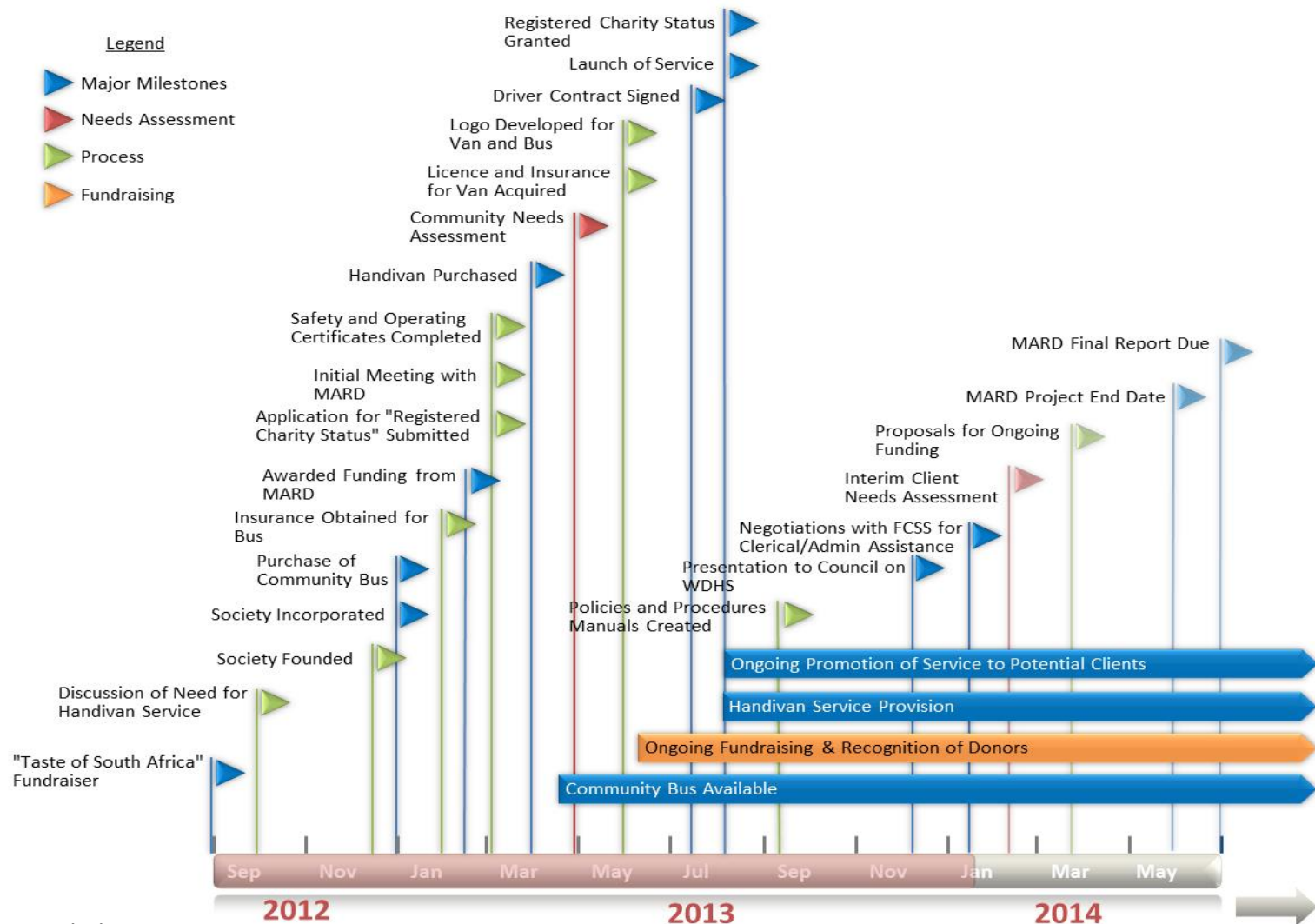


“Transportation provides the skeleton upon which communities are built and is the essential element that makes a community more than just a group of residents” (WDHS, 2012)



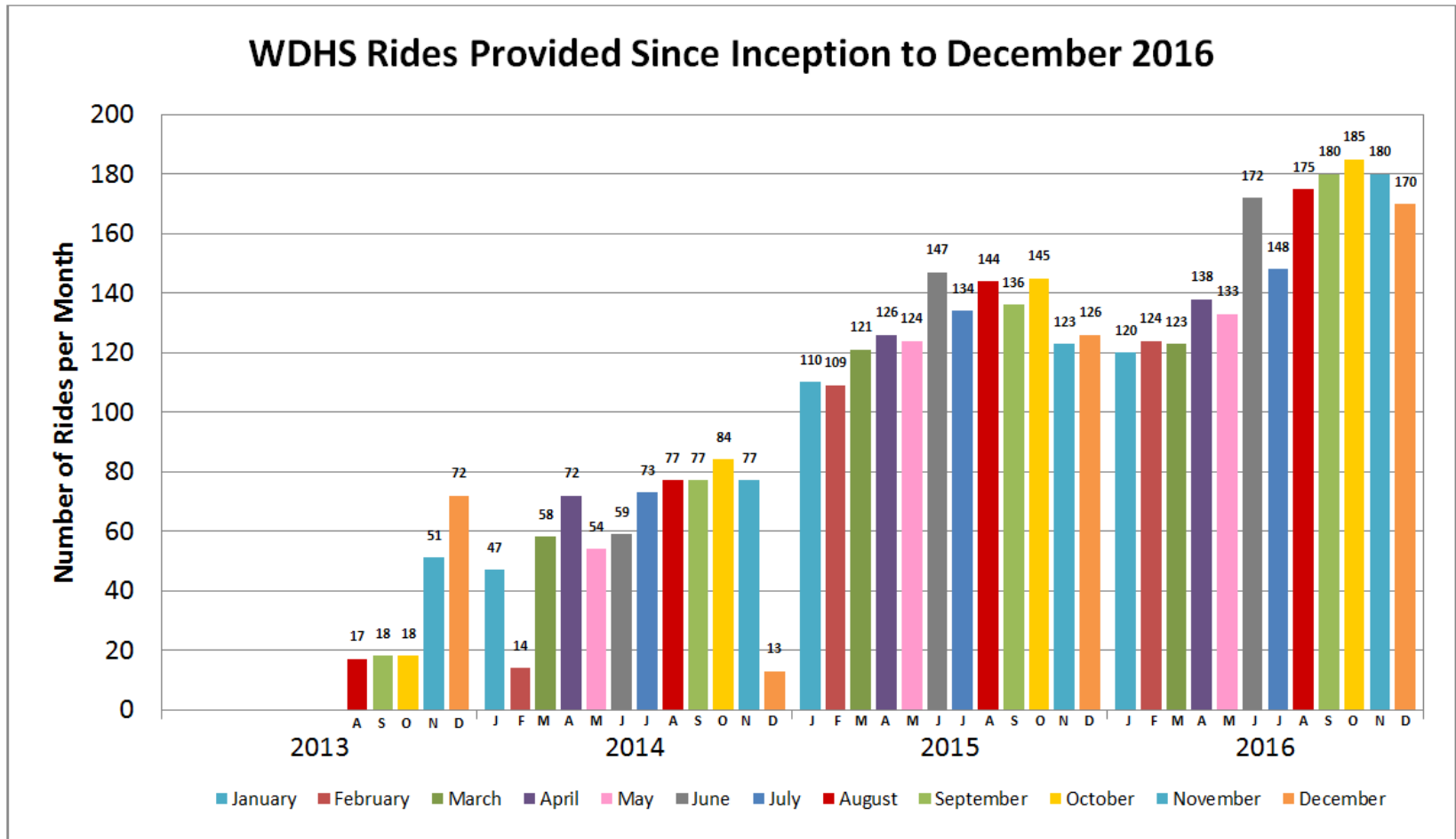
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WDHS Timeline



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WDHS Growth in Ridership



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Medically At-Risk Driver Centre

Provincial Listing of Organizations Providing Alternate Transportation for Seniors in Alberta

Complete the following search form:

1. Select a **zone name** from the drop-down list provided.
Zone
2. Select a **community** from the drop-down list of communities in the selected zone.
Community
3. Type the name or part of the name of the **organization** you are searching for. Leave this field blank if you want to see all organizations in your selected community.
Organization



[Online Compendium](#)

Going Forward

What is a Community of Practice?

A group of people with a common interest

A group of people with a common goal of improving

A group of people who share experiences



Domain ● Community ● Practice

Transportation.....an Enabler

From this...



To this



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