Evaluating the State of Mobility Management and Human Service Transportation Coordination

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Objectives



Synthesize previous research



Develop rider and stakeholder survey instruments



Determine the impacts in meeting the goals of efficiency, ease of access, and quality of service



Assess effectiveness in meeting the needs of transportation-disadvantaged



Develop and test evaluation model

Methods



Stakeholder survey

- Conducted online
- Sent to transportation providers, human service agencies, and other stakeholders
- Results used to assess impacts on efficiency, simplified access, and quality of service

Methods



Rider survey

- Survey of riders administered by mail
- Results used to assess quality of service, ease of access, trips created, quality of life impacts on users

Results will Show



Types of coordination and mobility management activities



Challenges and barriers to additional coordination



Realized benefits



Satisfaction with transportation services



Changes in quality of service

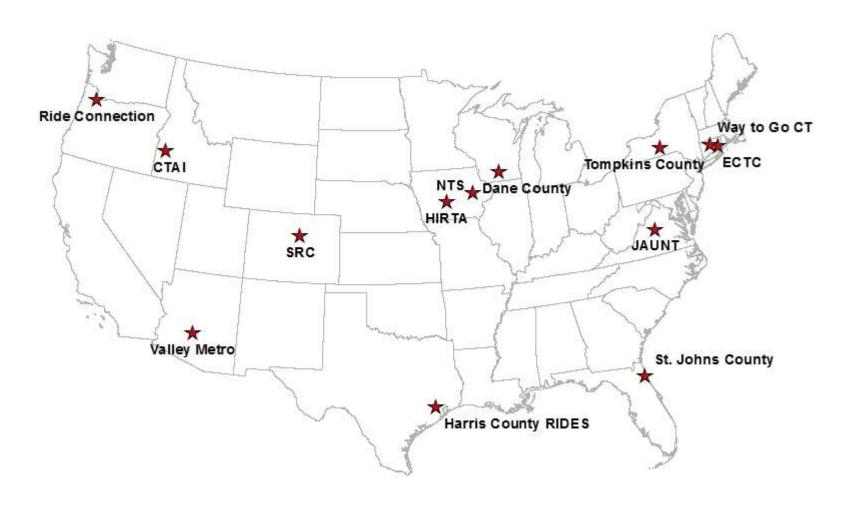


Impacts on trips taken and quality of life



Impacts of funding

Participating Agencies



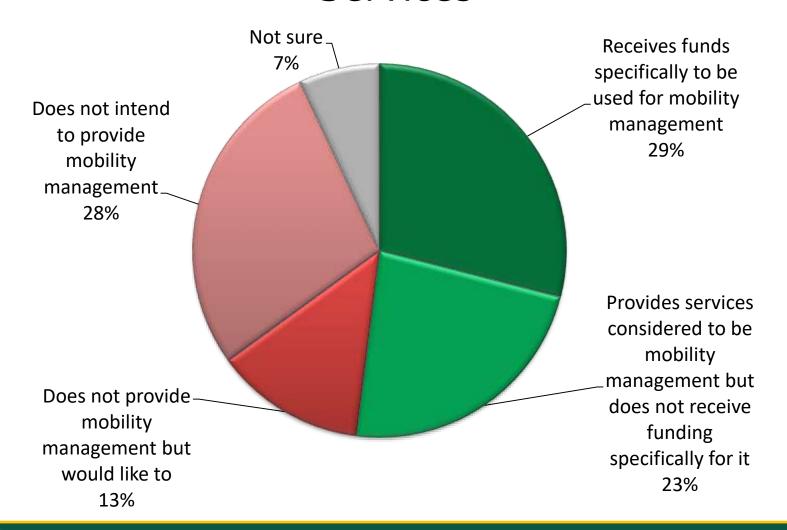
Stakeholder Survey Responses

FTA			Number of
Region	Contact Agency	Location	Responses
1	Way to Go CT	North Central Connecticut	7
1	Eastern CT Transportation Consortium, Inc.	Eastern Connecticut	1
2	Tompkins County Dept. of Social Services	Tompkins County, NY	2
3	JAUNT, Inc.	Charlottesville, VA	11
4	St. Johns County COA	St. Johns County, FL	4
5	Dane County Dept. of Human Services	Dane County, WI	4
6	Harris County RIDES	Harris County, TX	13
7	Neighborhood Transportation Service	Cedar Rapids, IA	21
	Heart of Iowa Regional Transit Agency	Central Iowa	39
8	Seniors' Resource Center	Denver, CO	3
9	Valley Metro	Phoenix, AZ	1
10	Community Transportation Association of Idaho	Idaho	4
10	Ride Connection	Portland, OR	1
Total			111

Coordination Activities

Activity	
Attend communication coordination meetings that specifically deal with transportation	79%
Provide services to human service agencies by contract	51%
Transport clients/consumers of another agency on a local basis	36%
Transport clients/consumers of another agency on a regional basis	28%
Share or have compatible transportation software as other agencies	26%
Formal Cooperative agreement across human service agencies regarding transportation	23%
Provide or receive vehicle maintenance support in accordance with another agency	19%
Coordination on insurance costs or coverage	15%
Consolidation – we provide a majority of human services transportation on a regional basis	9%
Engage in dispatch assistance with another agency	6%

Agencies Providing Mobility Management Services



Mobility Management Activities

Activity	
Participate in outreach regarding public transit access	61%
Provide information and training materials on how to use local transportation	60%
Conduct needs assessments	53%
Plan and manage activities to improve coordination	49%
Provide training for agencies or advocates that do not provide transportation but serve individuals who need transportation services	39%
Provide travel training or trip planning	32%
Provide training for transportation service providers about the special needs of seniors, individuals with disabilities, or others who use transportation services	32%
Develop cooperative policies around transportation	30%
Fund transportation services that coordinate transportation service providers or fill service gaps	25%
Deploy advanced technology to enhance the ability to coordinate	21%

Challenges

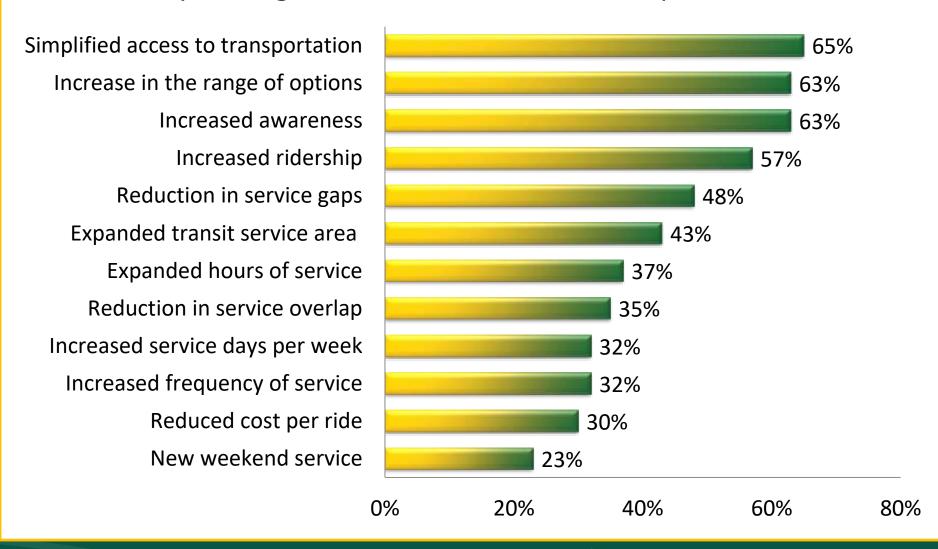
Barriers to Coordination

- Lack of funding
- Lack of communication
- Fear of responsibility shifting
- Unique needs of various client populations
- Hours of need conflict

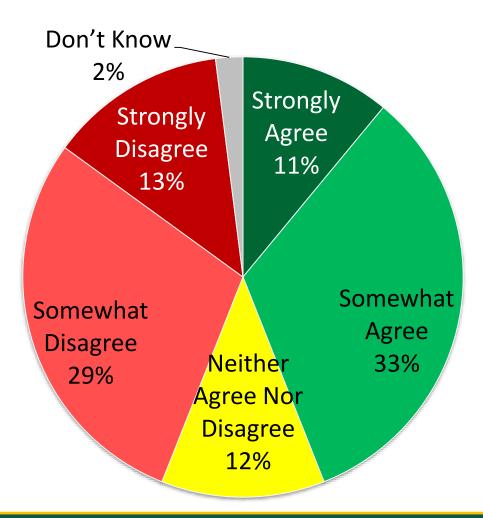
More Coordination Needed

- 83% said there is need for more coordination in their region
- Statewide or regional coordination that extends beyond the county

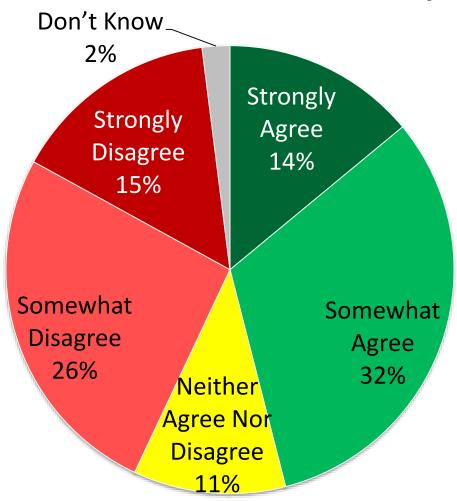
Percentage of Agencies Involved with Coordination or Mobility Management that have Realized Specific Benefits



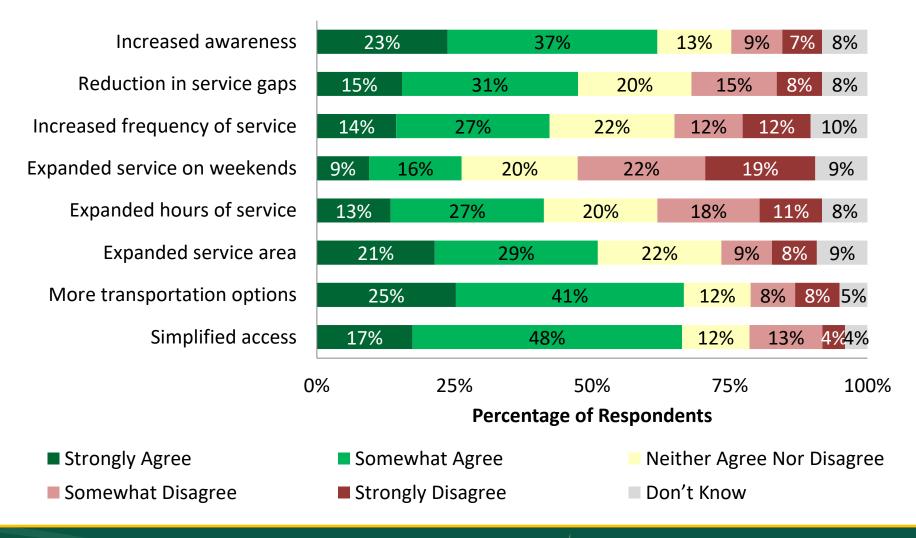
The Transportation Needs of Your Clients are being Met (n=100)



Transportation Services in Your Community are Easy for Your Clients to Access (n=100)

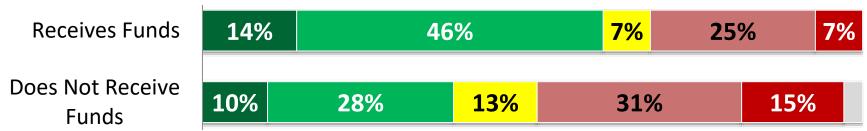


Percentage of Stakeholders who Agree that Transportation Services have Improved (n=99)

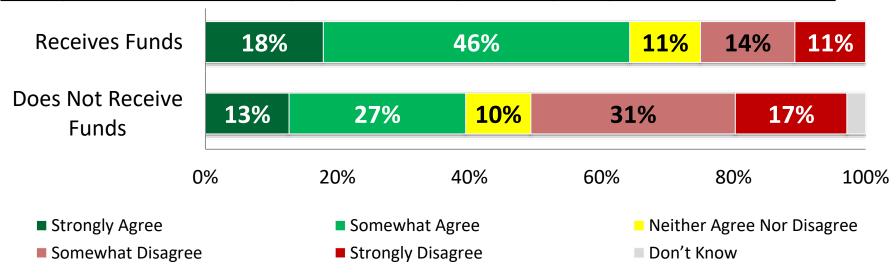


Perceived Quality of Service Differences between Organizations Receiving Funds for Mobility Management and those Not Receiving Funds

The transportation needs of your clients are being met

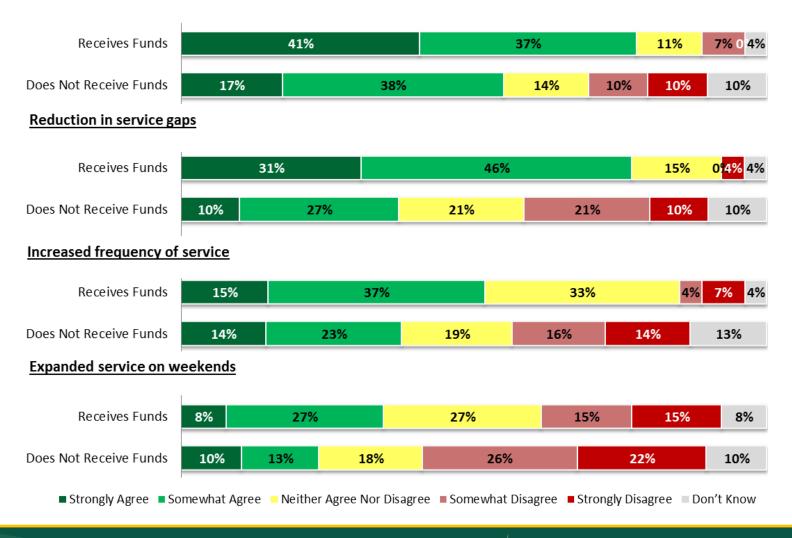


<u>Transportation services in your community are easy for your clients to access</u>



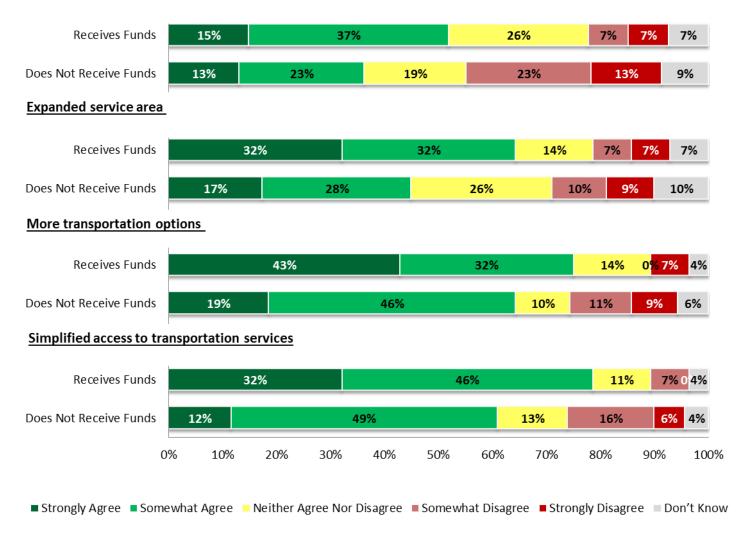
Funding vs. No Funding

Increased awareness of transportation services



Funding vs. No Funding

Expanded hours of service



Rider Survey Responses

	Langue en	Surveys	Responses	Response
Participating Agency	Location	Distributed	Received	Rate
JAUNT	Charlottesville, VA	100	19	19%
St. Johns COA	St. Johns County, FL	131	32	24%
Neighborhood				
Transportation Services	Cedar Rapids, IA	200	42	21%
(NTS)				
Linn County LIFTS	Cedar Rapids, IA	250	75	30%
Seniors' Resource Center	Danver CO	750	232	31%
(SRC)	Denver, CO	750	232	51%
Valley Metro – East	Dhooniy A7	750	101	13%
Valley Dial-a-Ride	Phoenix, AZ	/30	101	1370
Total		2,181	501	23%

Rider Survey Results

Characteristics of respondents

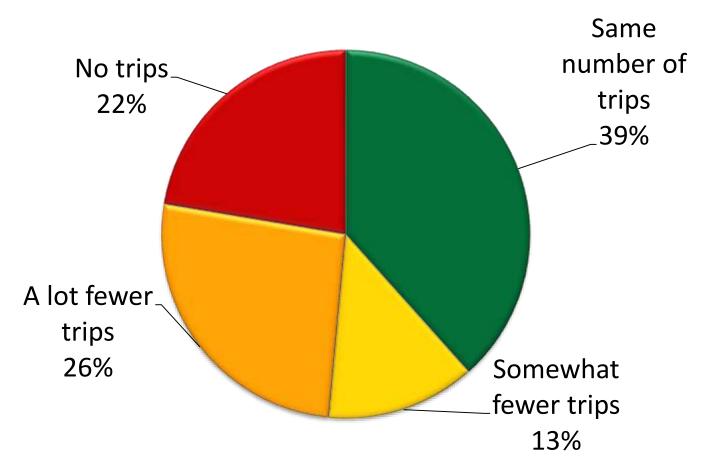
- 73% female
- 65% aged 65 or older
- 41% have a valid driver's license
- 23% have access to a vehicle
- 71% have a condition or disability that makes travel difficult
- 72% have household income below \$20,000
- 90% said the transportation service is very important to them
- 70% use the service for health care, 31% for shopping, 15% for work

Rider Survey Results

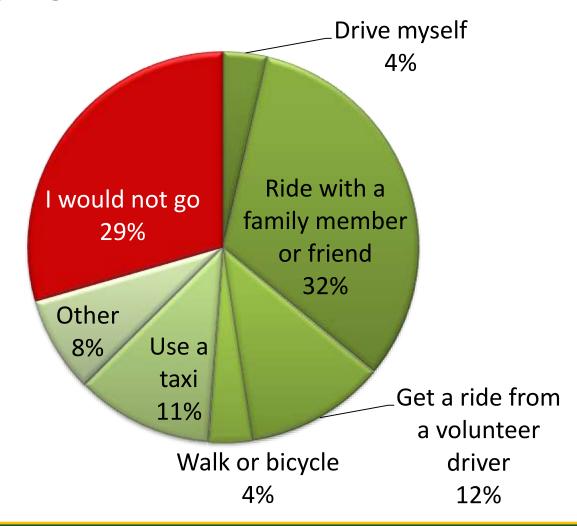
Ease of Travel

- 45% said travel is difficult; 42% said it is easy
- 49% are always, or almost always, able to get transportation
- 20% said there was a destination they needed or wanted to go to during the previous week but did not due to lack of transportation
- Many would forego travel in the absence of transit

If this service was not available, would you make the same number of trips or fewer trips for these activities?



Most often, how would you get to where you're going if this service wasn't available?



Rider Survey Results: Level of Satisfaction

	Very Satisfied	Somewhat satisfied	Neither	Somewhat dissatisfied	Very dissatisfied
Door-to-door service	80%	12%	5%	2%	2%
Comfort	75 %	16%	5%	2%	2%
Cost of the service	74%	13%	6%	4%	2%
Ease of use	72 %	18%	5%	3%	2%
Serves your needs	71%	20%	4%	2%	3%
Goes where you want to go	69%	18%	7%	4%	3%
Number of trips offered	64%	23%	8%	3%	2%
Access to information	63%	21%	10%	5%	2%
Scheduling procedures	58%	26%	6%	7%	3%
Weekend hours	35%	18%	26%	10%	12%

Rider Survey Results: Perceived Changes in Quality of Service

	Better	Same	Worse
Door-to-door service	33%	64%	3%
Comfort	31%	67%	2%
Ease of use	31%	66%	3%
Serves your needs	28%	68%	4%
Goes where you want to go	27%	69%	4%
Access to information	26%	71%	4%
Scheduling procedures	26%	67%	7%
Cost of the service	25%	68%	8%
Number of trips offered	20%	75%	5%
Weekend hours	15%	73%	12%

Impact of Mobility on Quality of Life

Life satisfaction measured as function of

- Age
- Disability
- Health status
- Income
- Missed a trip during previous week
- Difficulty in making trips

Factors Affecting Life Satisfaction: Results from Ordered Probit Model (n=344)

Variable	Impact
Age	
Disability	
Health Status	+
Income	
Missed Trip Previous Week	-
Travel Difficulty	-

Conclusions

Evaluation of method

- Developed survey instruments
- Created evaluation method that can used in different locations and over time

Evaluation of programs

- Meeting needs of transportation-disadvantaged
- Positive impacts on efficiency, ease of access, and quality of service
- Positive impacts of funding for mobility management



Thank you! Questions?

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