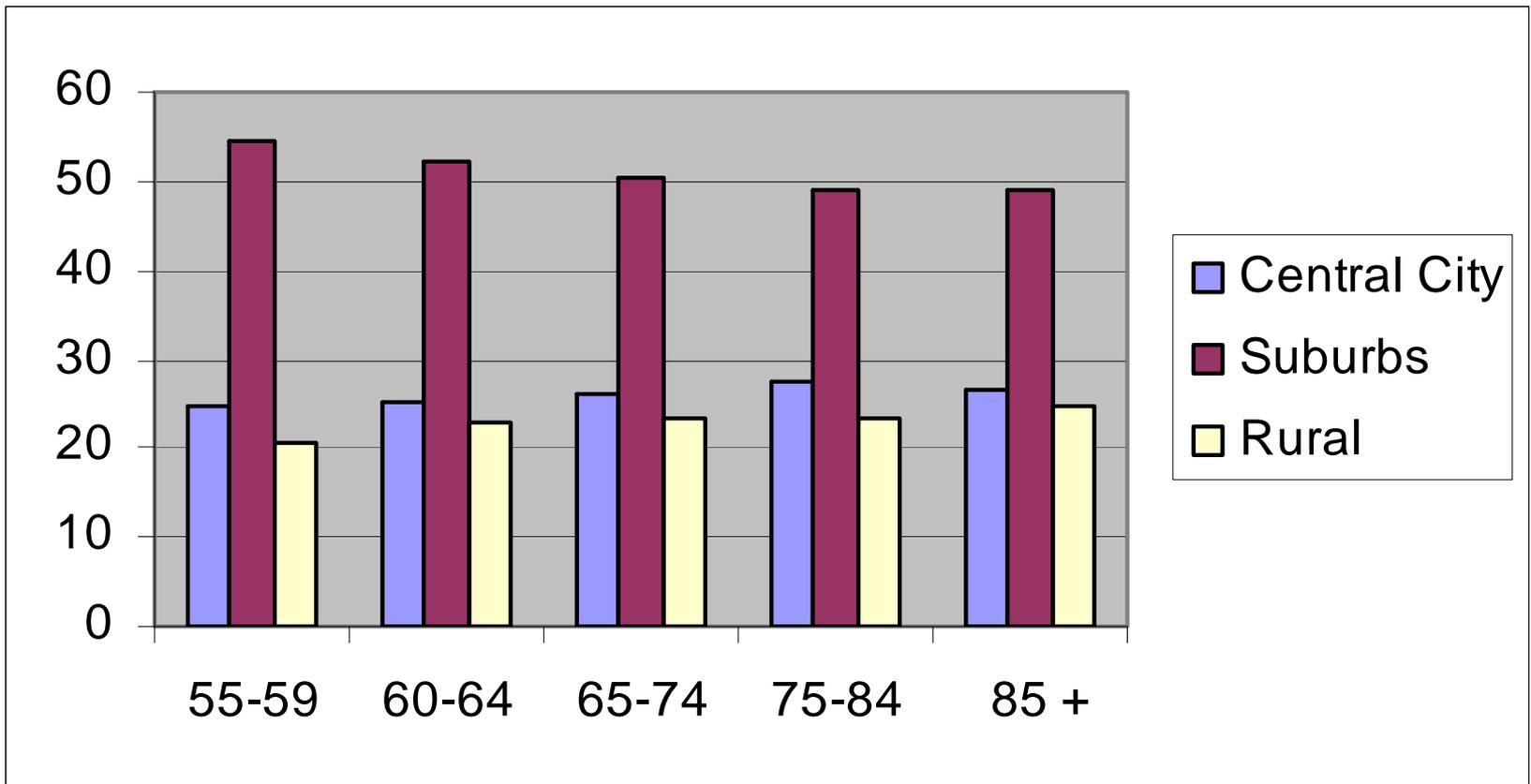


Dr. Sandi Rosenbloom

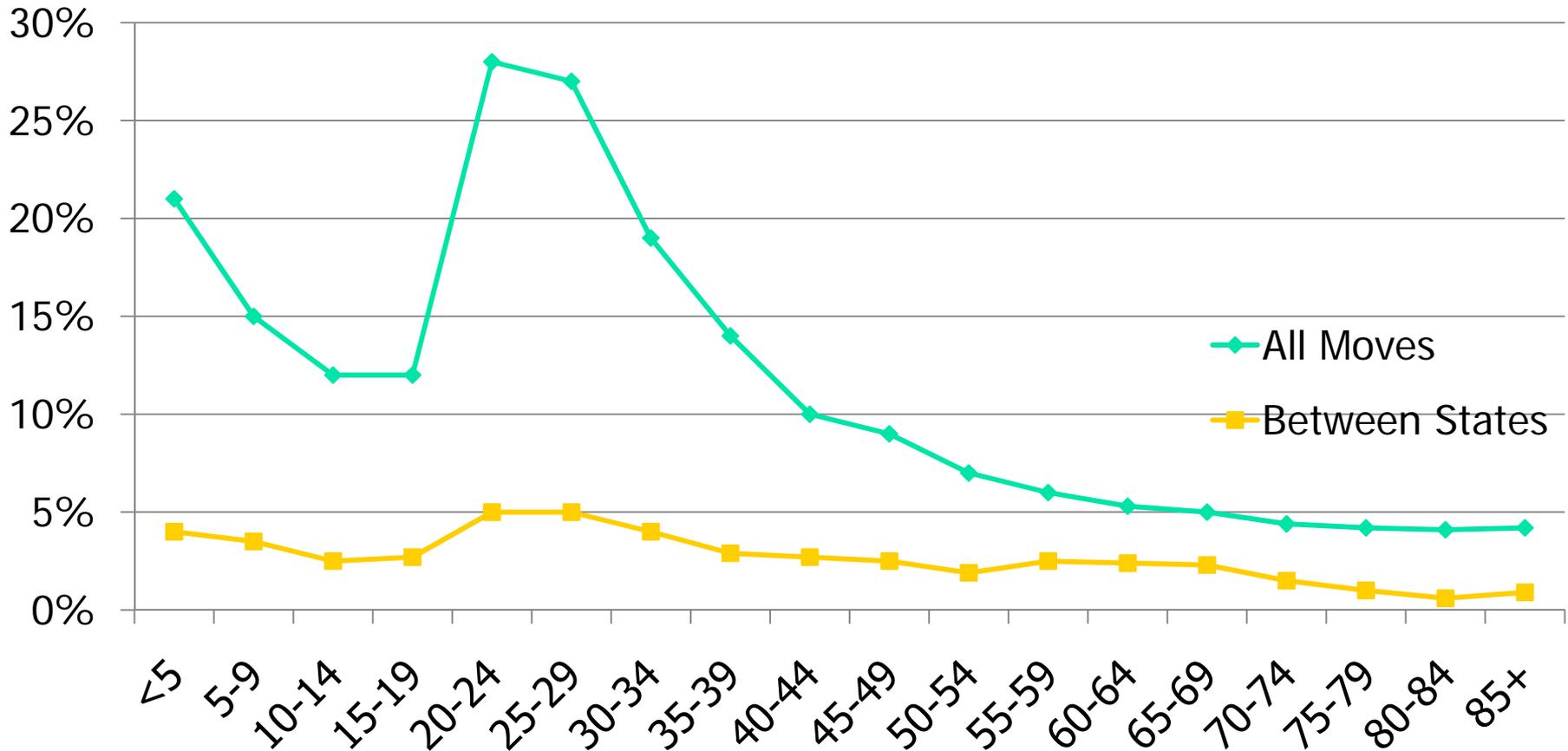
■ **rosenblo@u.arizona.edu**

The University of Arizona

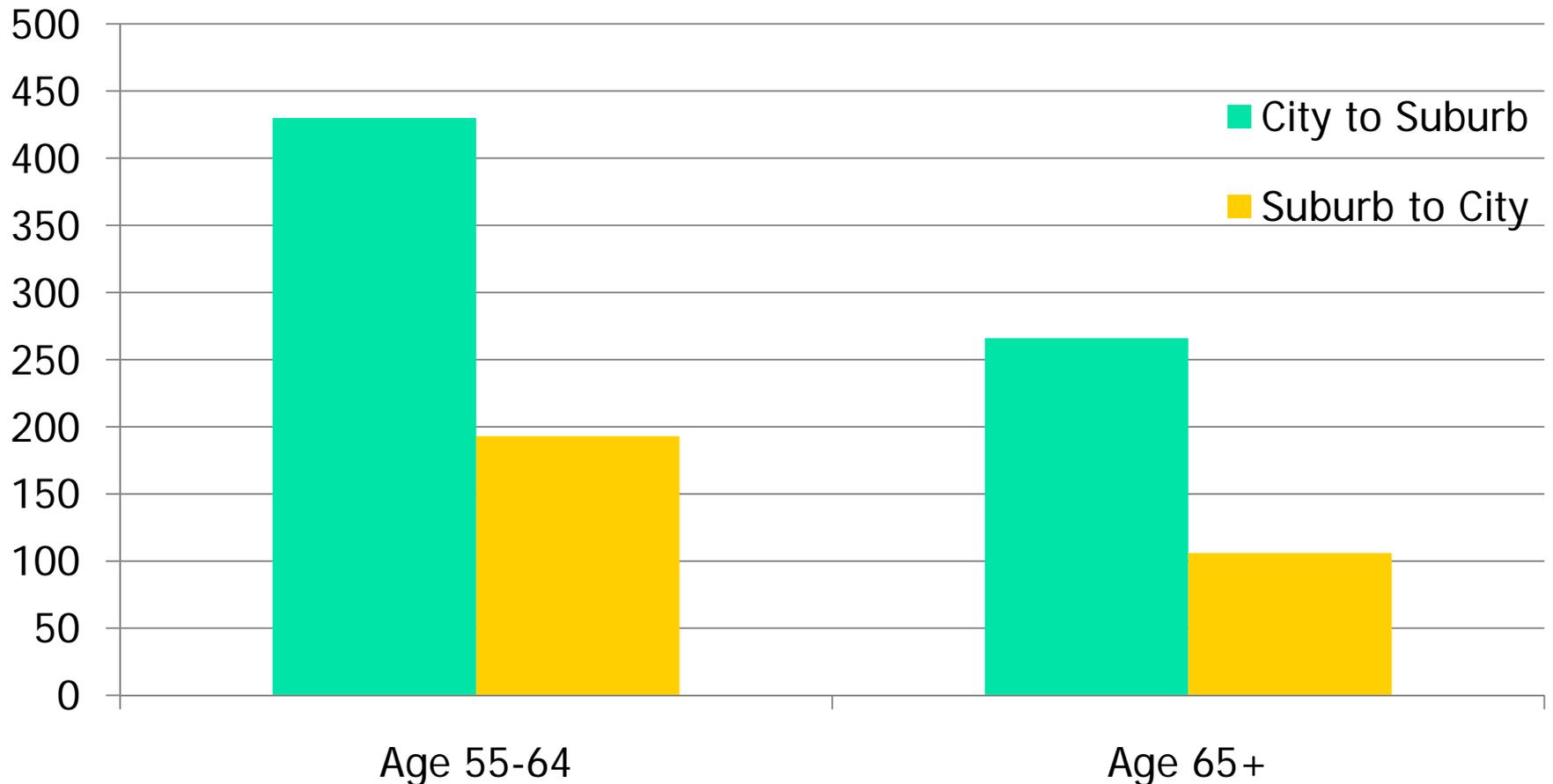
Where Older People Live, 2008

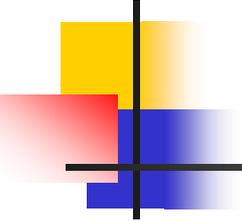


Annual Migration Rates by Age, 2004-05



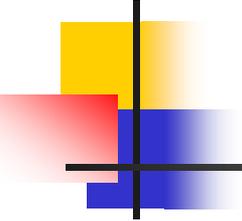
Migration Between City and Suburb by Age, 2006-07 (000)





Nature of 65+ Suburban Growth

- **Most in-migration is to the metropolitan fringe & ex-urban areas**
 - **Wealthier, healthier retirees**
- **Most aging in-place occurs in the central city**
 - **Ethnic & disadvantaged older people**

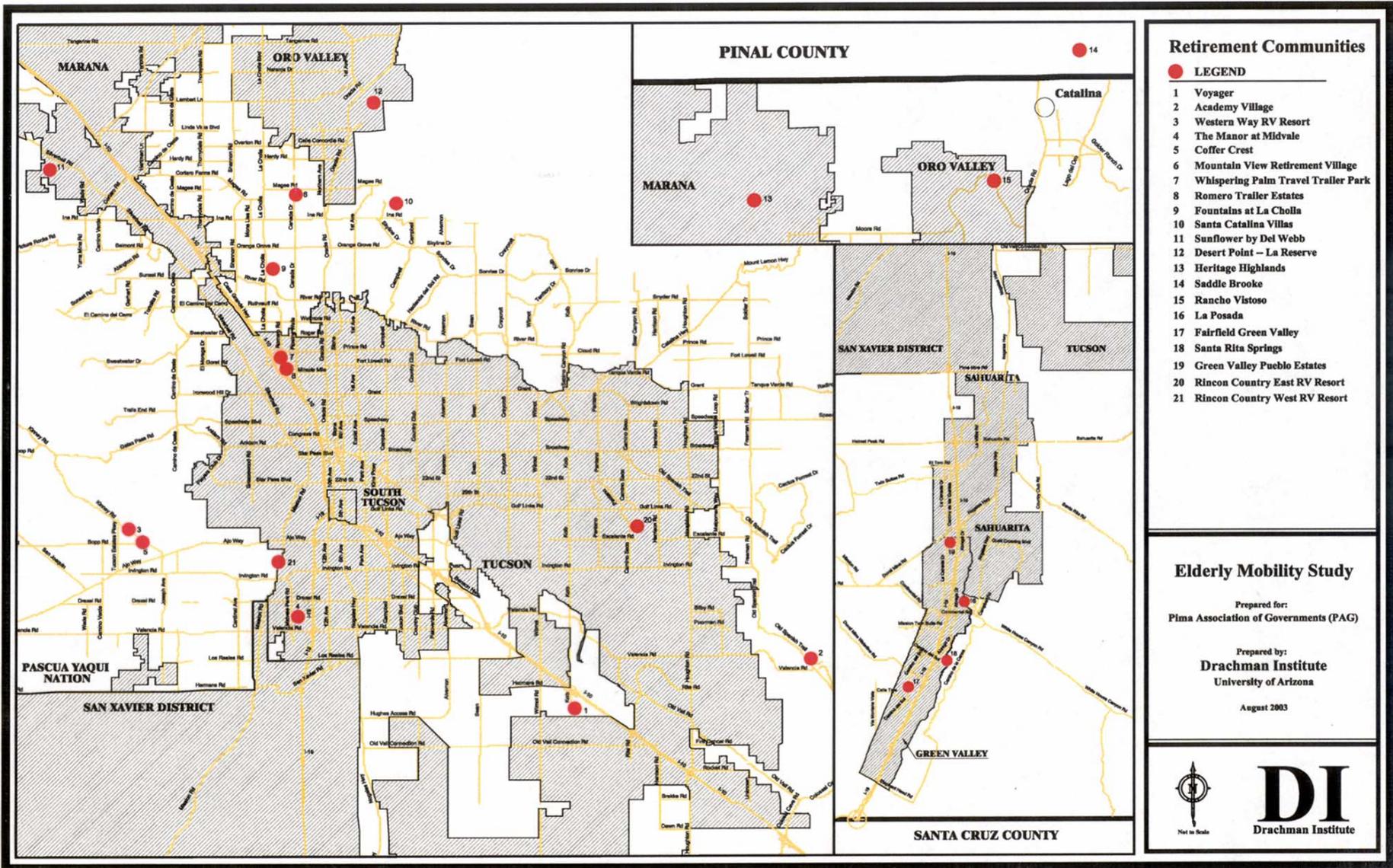


A Detailed Look at 65+ Suburban Growth

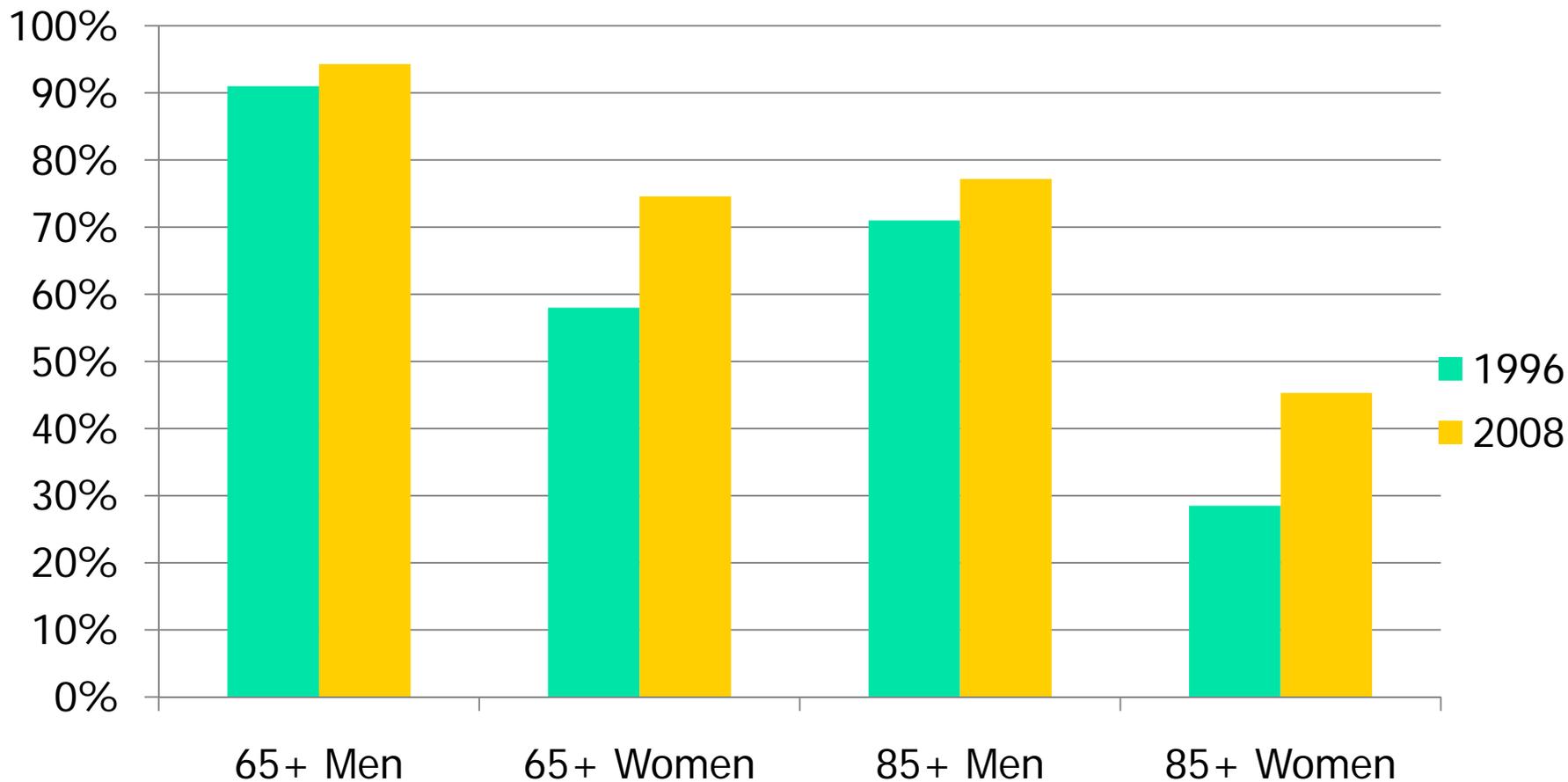
- In-migration of young retirees *plus*
Aging-in-place of current residents
 - Sarasota, Phoenix, Tampa
- Aging-in-place of residents *plus*
Out-migration of younger people
 - Pittsburgh, Albany, Providence

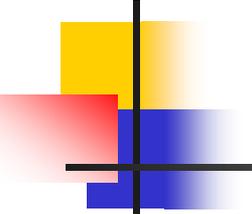
In-Migration Suburban Growth

	19 90		20 00	
	Tucson	Rest of County	Tucson	Rest of County
Number 65+	73,006	18,470	67, 838	51,659
% Metro 65+	79.8%	20.2%	56.8%	43.2%
Number 75+	29,871	6,772	28,711	27,860
% Metro 75+	81.5%	18.5%	50.8%	49.2%



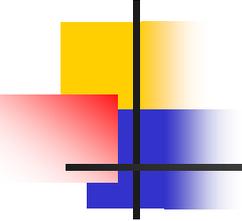
Older People's Driver Licensing Rates, 1996 & 2008





Older Drivers as Percentage of Population and All Drivers

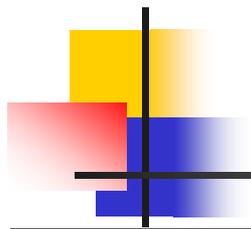
	20 08		20 30	
	Total Pop	All Drivers	Total Pop	All Drivers
65 +	12.3%	15.4%	19.6%	24.7%
85 +	1.2%	1.5%	2.5%	3.1%



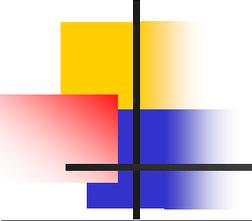
2001 Mode Choice by Age

	Auto %	All Transit %	Walk %	Taxi %	All Other %
65+	89.1	1.3	8.9	0.1	0.6
25 – 39	87.4	2.1	9.2	0.2	1.1

Travel Mode: Men by Age, 2001

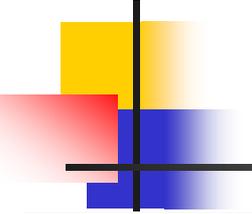


	<i>65 -69</i> %	<i>70 -74</i> %	<i>75 -79</i> %	<i>80 -84</i> %	<i>85+</i> %
POV	89.8	91.6	88.8	91.4	89.0
Driver	90.3	88.1	82.7	78.1	67.4
Pass.	9.3	11.9	17.3	21.9	32.6
Transit	2.3	1.7	1.7	2.2	1.3
Walk	8.8	9.4	8.7	7.2	9.1



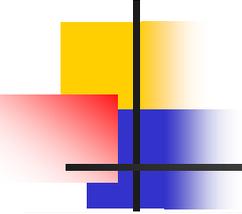
Travel Mode: Women by Age, 2001

	<i>65 -69</i> %	<i>70 -74</i> %	<i>75 -79</i> %	<i>80 -84</i> %	<i>85+</i> %
POV	88.4	88.3	88.3	86.5	85.7
Driver	43.2	42.1	30.0	32.3	29.1
Pass.	56.8	57.9	70.0	67.7	70.9
Transit	1.4	1.7	2.2	2.6	4.5
Walk	8.8	9.4	9.2	10.4	9.6



Mode All Trips, People 65+, by Driver Status, 2001

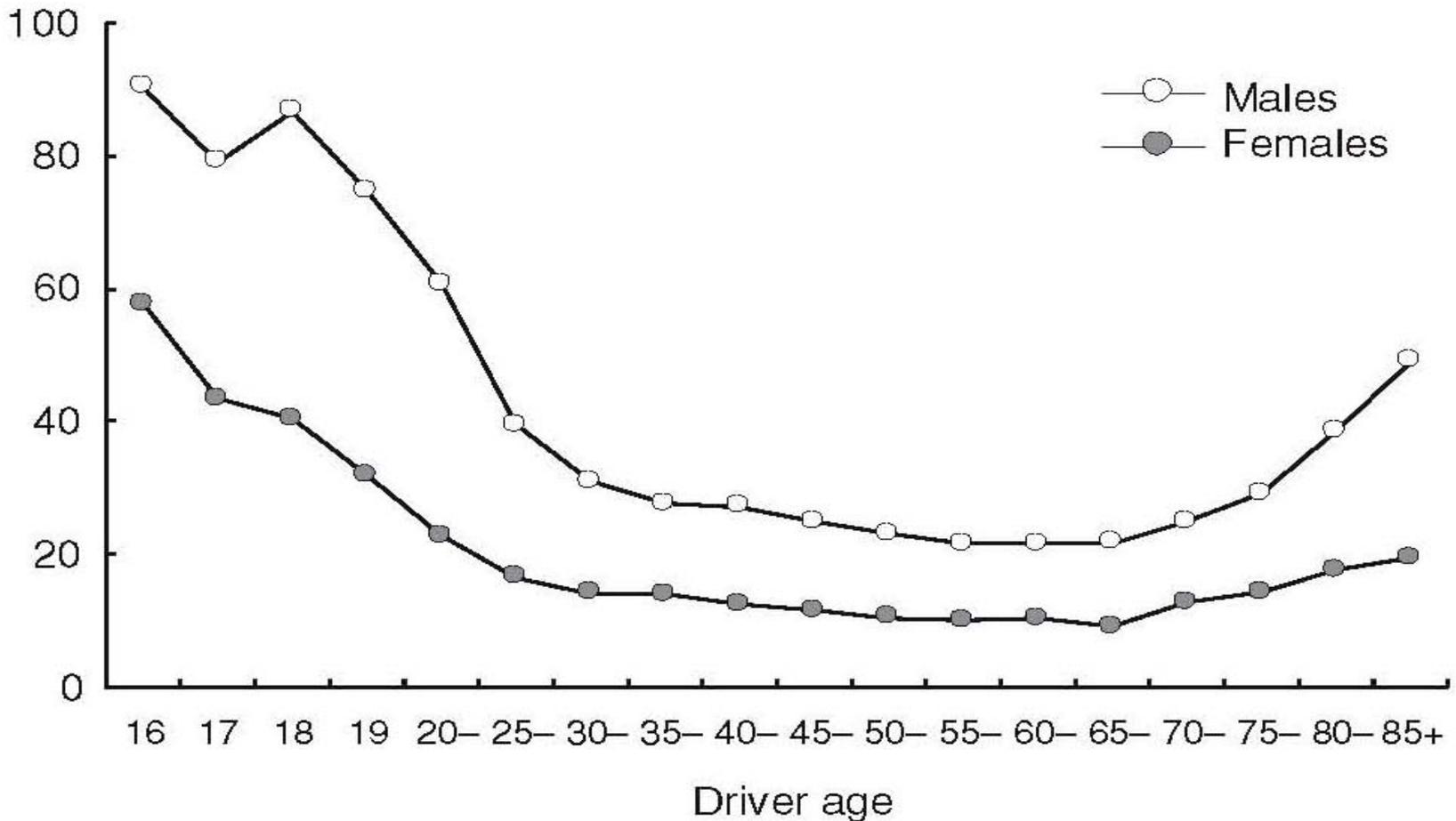
Mode	DRIVERS		NON - DRIVERS	
	Women %	Men %	Women %	Men %
Car	91.6	91.4	66.4	63.6
Walk	7.2	7.0	21.7	28.7
Transit	0.8	0.8	10.7	7.9
Other	0.4	0.8	1.2	1.8



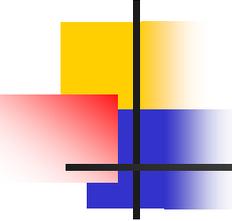
Percent of Drivers Driving Vehicle in Which They Are Riding, 2001

Age Cohort	Women %	Men %
65 – 69	<i>42.3</i>	<i>88.6</i>
70 – 74	<i>39.6</i>	<i>86.1</i>
80 – 84	<i>26.4</i>	<i>83.2</i>
85+	<i>29.5</i>	<i>82.4</i>

Driver Fatal Crash Involvement per 100K Drivers, 2003



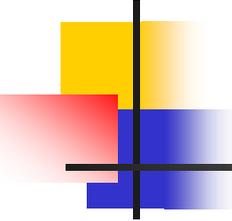
(a)



Compared to younger people:

- People 65 – 74 are **TWICE**
- People 75 – 84 are **THREE** times
- People 85+ are **FIVE** times

**MORE LIKELY TO DIE IN
COMPARABLE CRASHES**



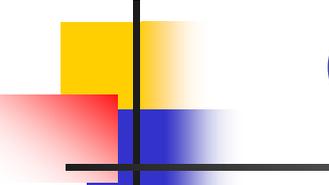
Pedestrian Safety, 2008

- **65+ = 12.8% of the population but 20.7% of pedestrian fatalities**
- **Compared to someone 30 – 34 those**
 - **70 – 74 are 1.7 times**
 - **75 – 79 are 2.2 times**
 - **80 – 84 are 2.8 times**

**MORE LIKELY TO BE KILLED AS A
PEDESTRIAN**

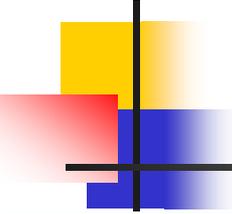
Difference in Daily Trip Rates by Driver Status and Sex

Men	<i>65 –69</i>	<i>70 –74</i>	<i>75 –79</i>	<i>80 –84</i>	<i>85+</i>
Driver	4.4	4.4	3.8	3.7	3.3
Nondriver	1.6	1.4	1.2	1.6	0.9
% Diff.	-62%	-68%	-68%	-56%	-68%
Women					
Driver	4.0	3.9	3.4	3.2	2.9
Nondriver	2.0	1.6	1.9	1.7	0.9
% Diff.	-51%	-58%	-45%	-56%	-74%



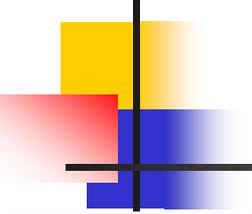
2008 ADA Paratransit Costs, Selected Systems

Transit System	Annual PT Ridership	% of System Ridership	Cost per One Way Trip	% of System Operating Costs
Boston	1,983,489	0.5%	\$33.22	6.2%
Cleveland	540,739	1.2%	\$45.81	10.8%
Dallas	1,038,680	1.6%	\$37.51	10.0%
Miami	916,009	2.4%	\$32.52	24.2%
Philadelphia	1,798,211	0.5%	\$27.51	4.8%
Phoenix	533,008	1.0%	\$42.63	13.0%
Seattle	1,142,452	1.0%	\$44.76	10.3%



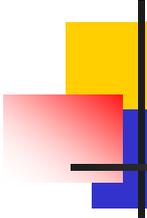
Modes Used in Past Month, 2002, People with Disabilities

Travel Mode	Age 25 – 64	Age 65+
Car Driver	68.6%	55.6%
Car Passenger	77.5%	70.5%
Transit Bus	12.8%	5.8%
Rail	7.1%	2.0%
ADA Paratransit	5.3%	7.2%
Other Paratransit	4.0%	2.9%
Taxis	12.4%	8.2%
Walk	47.9%	37.7%
All other modes, MAX	15.9%	3.7%



ADA Paratransit Rides Per Person with Serious Disabilities, 2005

Transit System	Annual Trips /Person with Severe Disabilities	Cost to Provide 1 RT per month (2004 costs) (000)
Chicago	0.19	\$155,555
Atlanta	0.20	\$290, 837
Kansas City	0.03	\$28,246
Portland (OR)	0.07	\$27,394
Cleveland	0.14	\$51,100
Austin	0.17	\$60,628
Tucson	0.17	\$26,541
Tampa	2.44	\$29,472
Birmingham	0.89	\$33,458







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