

Countywide Bicycle and Pedestrian Count Program and Trends Report

ACTAC Meeting
October 4, 2011



Why count walkers and bicyclists?

- Assess countywide trends in walking and bicycling
- More frequent data than from other data sources
- Can assist with improving transportation models



Annual bike/ped count program

- 63 intersections throughout the county (in 2010 & 2011)
- Selection criteria:
 - Locations where counts have been conducted historically
 - Geographic equity by planning area
 - Locations on Countywide Bicycle and/or Pedestrian Networks
 - Variety of land uses, land use density and street types
 - Some locations near transit, multi-use trails and schools



Count report data sources

- Nine years of count data: 2002 to 2010
- Data collected by several different agencies:
 - Alameda CTC
 - UC Berkeley's SafeTREC
 - Local jurisdictions for LOS Monitoring Report
 - MTC
- Data from 99 sites, representing all parts of the county



Pedestrian Data Sources

Year	Source Agency	# Count Sites	AM	Mid-day	School	PM	Weekend	Data Collection Months	Hourly Data?	Gender Data?
2002	MTC	13	7-9am	12-2pm	--	4-6pm	--	Sept, Oct	N	N
2003	MTC	6	7-9am	--	2-4pm	4-6pm	--	--	N	N
2006	ACTC	5	--	--	--	3-6pm	--	May, June	Y	N
2008	UCTSC/ ACTC	50	--	12-2pm	3-5pm	--	9-11am, 12-2pm, 3-5pm	April, May, June, July	Y	Y
2008	ACTC	4	--	--	--	3-6pm	--	May, June	Y	N
2009	UCTSC/ ACTC	36	--	--	2-4pm	4-6pm	9-11am, 12-2pm, 3-5pm	April, May, June	Y	Y
2010	ACTC/M TC	63	--	12-2pm	2-4pm	4-6pm	--	Sept, Oct	Y	Y



Bicycle Data Sources

Year	Source Agency	# Count Sites	Data Collection					Weekend	Data Collection Months	Hourly Data?	Gender Data?	Helmet Use?
			AM	Mid-day	School	PM						
2002	ACTC	12	--	--	--	3-6pm	--	Unknown	N (estimated)	N	N	
2002	MTC	13	7-9am	12-2pm	--	4-6pm	--	Sept, Oct	N	N	N	
2003	MTC	6	7-9am	--	2-4pm	4-6pm	--	Unknown	N	N	N	
2004	ACTC	12	--	--	--	3-6pm	--	Unknown	N (estimated)	N	N	
2006	ACTC	12	--	--	--	3-6pm	--	April, May, June	Y (most sites)	N	N	
2008	ACTC	12	--	--	--	3-6pm	--	April, May, June	Y (most sites)	N	N	
2008	UCTSC/ACTC	50	--	12-2pm	3-5pm	--	9-11am, 12-2pm, 3-5pm	April, May, June, July	Y	Y	N	
2009	UCTSC/ACTC	36	--	--	2-4pm	4-6pm	9-11am, 12-2pm, 3-5pm	April, May, June	Y	Y	N	
2010	ACTC/MTC	63	--	12-2pm	2-4pm	4-6pm	--	Sept, Oct	Y	Y	Y	

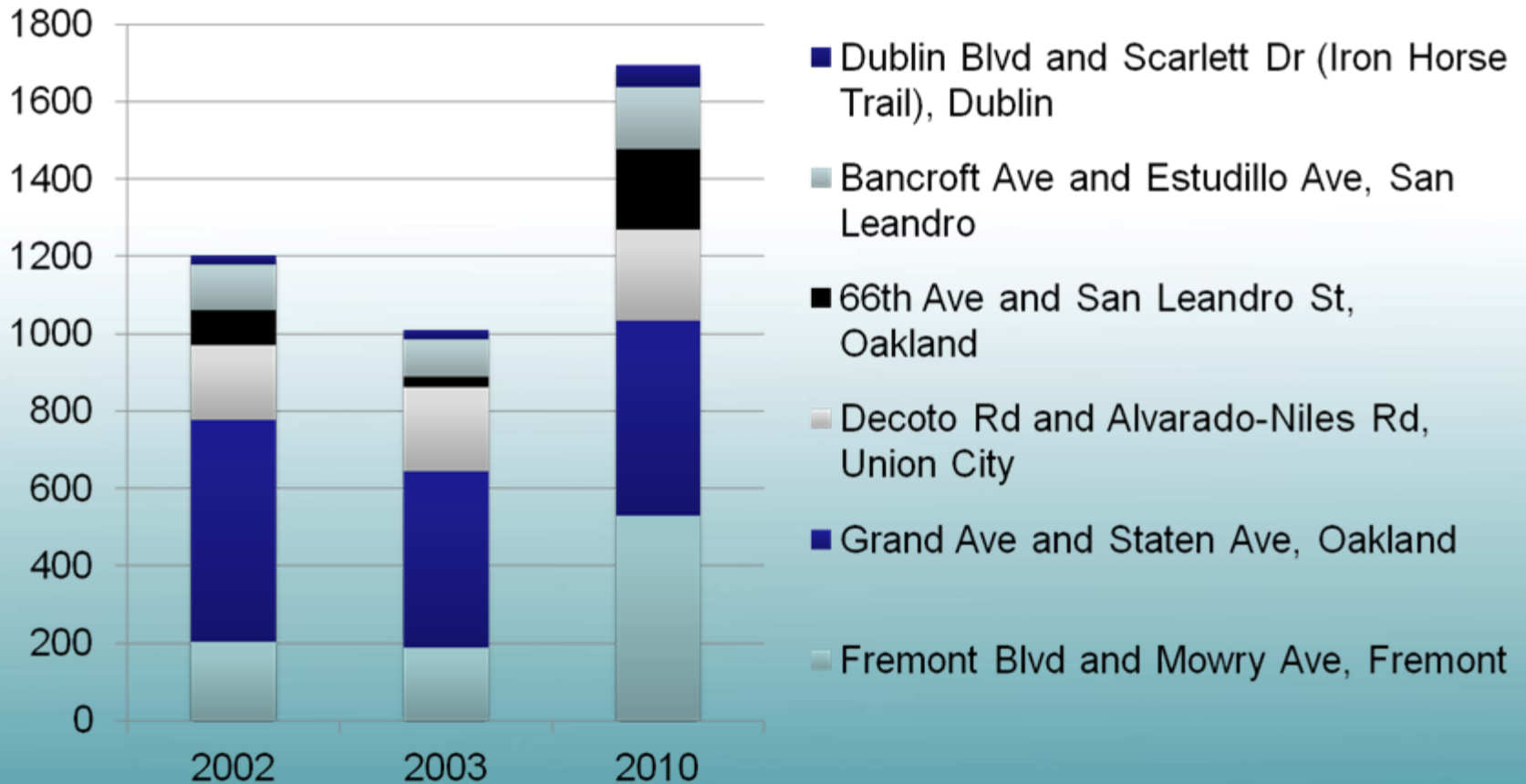


Overall Trends

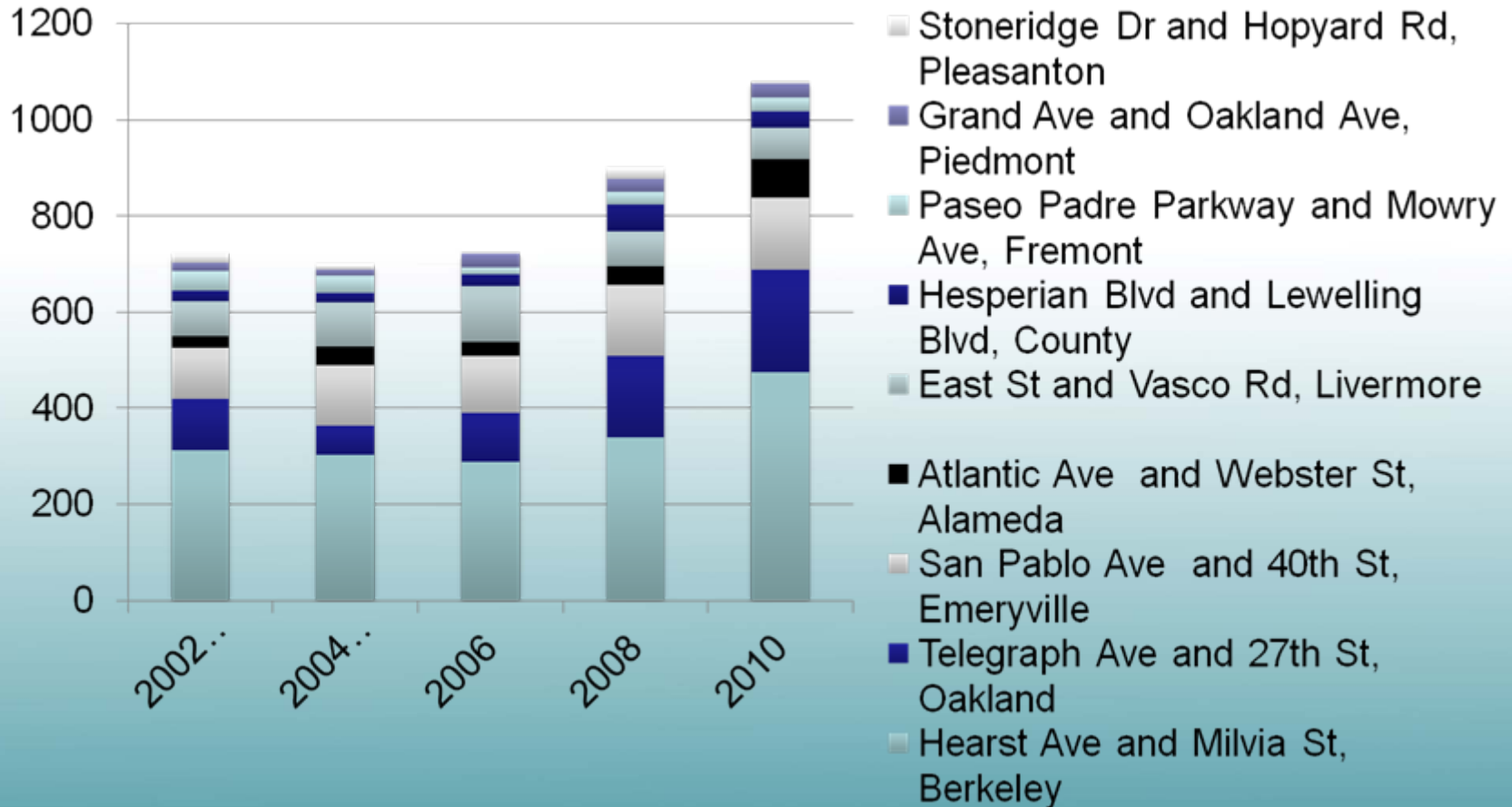
- Trend is upward!
 - Bicycling is up 50% (2004 to 2010, PM)
 - Walking is up 68% (2003 to 2010, PM)



Pedestrian PM Period



Bicyclist PM Period

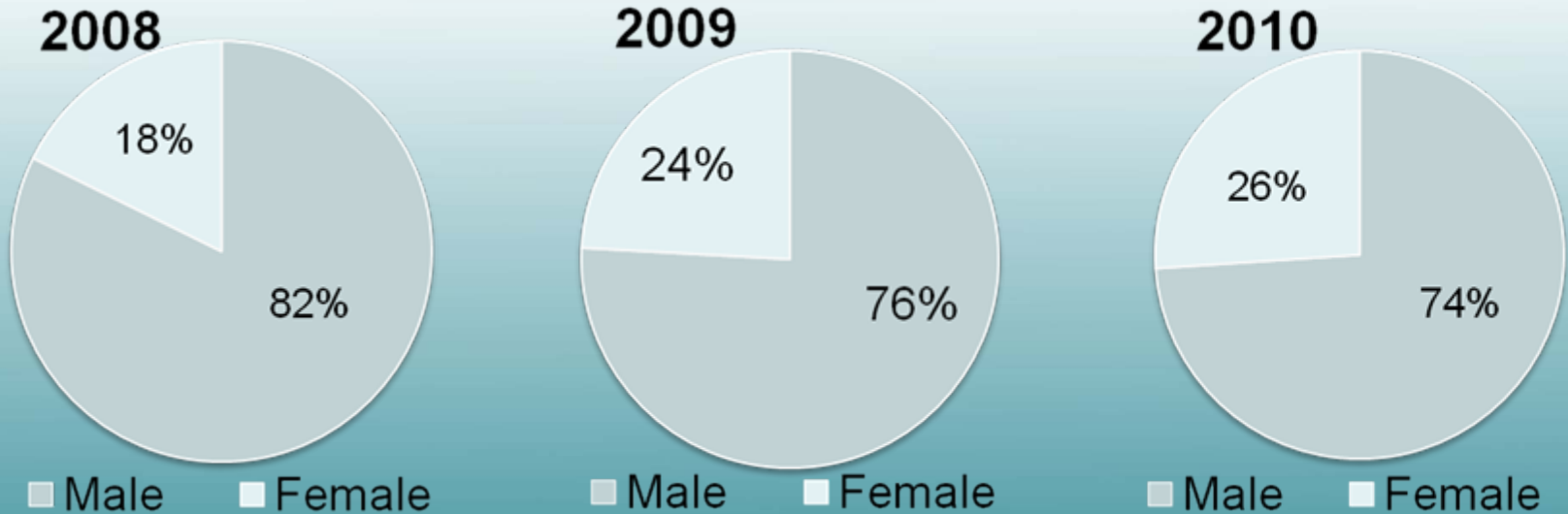


Gender Trends

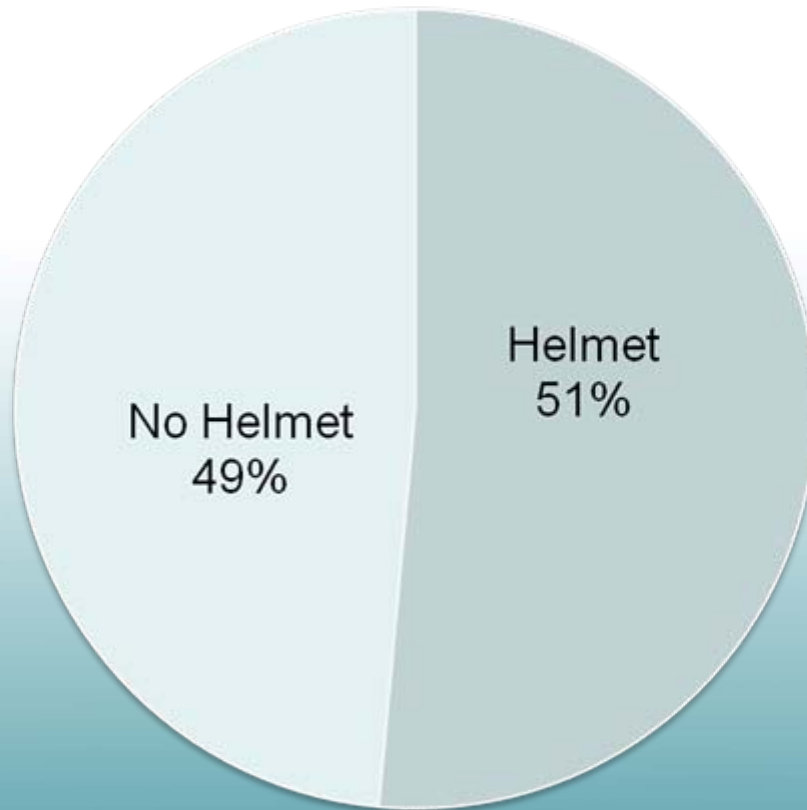
Pedestrians

- 48% Female, 52% Male
- Minimal change across the three years

Bicyclists



Helmet Usage by Bicyclists



Recommendations

- Continue annual count program
- Minimum of 30 locations
- Work with local and regional agencies to collectively count at 100 sites
- In future, analyze counts by planning area and possibly local jurisdiction



Feedback & Questions

- Should the report analysis be changed or should additional analysis approaches be used?
- Are there better ways to illustrate the data?
- Is there additional data that should be collected?
- Any other input or questions?

