

ITEM #8

2012 Pledge Summary



Mode	# Pledges	%
Bicycle	3,771	26%
Carpool	1,050	7%
Local Bus	816	6%
Metrobus	1,671	11%
Metrorail	2,724	18%
Walk	4,715	32%
Total	14,747	100%

In many cases multiple modes were taken, particularly a mode combined with walking.

All Buses	4,395	30%
All Metro	7,439	50%
All Transit	9,110	62%

6,572 pledges were made in 2012
 2,780 people (42%) were SOV
 77,998 miles were reduced by the SOV group, 54%.
 144,460 miles were collectively reduced or saved overall.
 Cell phone numbers were provided by 2,158, a third of all participants.

Emissions Calculations

2012 Emissions factors created using growth between 2017 & 2020 based on 2011 VIN

SOV % 42% As provided in survey data
 VT Reduced 6,194
 VMT Reduced 347,432

	2012Factors	
	NOX	VOC
	Commute	Commute
Cold START (gm/trip)	0.4886	0.8250
RUNNING (gm/mile)	0.2754	0.1418
HOTSOAK (gm/trip)		0.5447
Cold Start+ Hot Soak (gm/trip)	-	1.3697

2012 Factors	
CO2	PM 2.5
gm/mile	gm/mile
461.7	0.0115

Emissions Reduction

2012 Emissions Reduced on CFD	VOC	NOx	PM2.5	CO2
	tons/day			
	0.0637	0.1111	0.0044	177

