# Car Free Day 2018 Washington, DC Region Event Recap

March 13, 2019 Draft Report





Metropolitan Washington Council of Governments

National Capital Region Transportation Planning Board

Commuter Connections Program

#### **Background**

Car Free Day is an internationally recognized event which started in Europe in 2000 as a day for residents to leave their cars at home, and instead get around by cleaner and more sustainable methods of travel for both commute and non-commute purposes. Travel modes include public transportation, bicycling, and walking. In the Washington, DC region Car Free Day began in 2008 and is coordinated by Commuter Connections and its network of regional partners. Car Free Day in the National Capital region also includes the option to participate by traveling "car lite" by way of carpool or vanpool. In 2018, the event was referred as Car Free Days due to spanning over a two-day period on Friday and Saturday, September 21-22. The total number of pledges for Car Free Day 2018 reached nearly 2,800.

Three main objectives of the Car Free Day marketing campaign were to:

- 1. Use the event as an opportunity to promote alternative modes of transportation for both commute and non-commute trips.
- 2. Encourage commuters and the general public to take the online pledge to use car free or car-lite travel methods during one or both days.
- 3. Measure and report impacts.



#### **Proclamation Signing**

The Car Free Day 2018 proclamation signing took place on July 18, 2018 at the National Capital Region Transportation Planning Board (TPB) meeting at the Metropolitan Washington Council of Governments. Some jurisdictions also approved local Car Free Day proclamations of their own.



COG Director Transportation Operations, Nicholas Ramfos holds the 2018 Car Free Day proclamation as TPB Chairperson and District of Columbia Councilmember Charles Allen declares September 21-22, 2018 as Car Free Days throughout the Washington, DC region.





**WHEREAS**, the National Capital Region Transportation Planning Board (TPB) is the Metropolitan Planning Organization for the Washington Region; and

**WHEREAS**, the TPB through its Commuter Connections program organizes and promotes the annual Car Free Day event along with its network members throughout the Washington area; and

**WHEREAS,** Car Free Day invites Washington region citizens to telework and try alternative forms of transportation such as transit, bicycling and walking, and "car lite" methods such as carpools and vanpools; and

**WHEREAS**, Car Free Day benefits the National Capital Region through improved air quality, mobility, parking demands, and energy conservation; and

**WHEREAS**, Car Free Day corresponds with European Mobility Week, occurring September 16-22, celebrating sustainable mobility.

**NOW, therefore, be it resolved** that the National Capital Region Transportation Planning Board:

- Proclaims Car Free Days throughout the Washington Metropolitan region to be observed by suitable convenience of the general public on either Friday - September 21, Saturday -September 22, or on both days; and
- 2. Encourages citizens to pledge to be Car Free or Car-lite by visiting www.carfreemetrodc.org; and
- 3. Asks TPB Member jurisdictions to adopt similar proclamations in support of Car Free Days 2018.

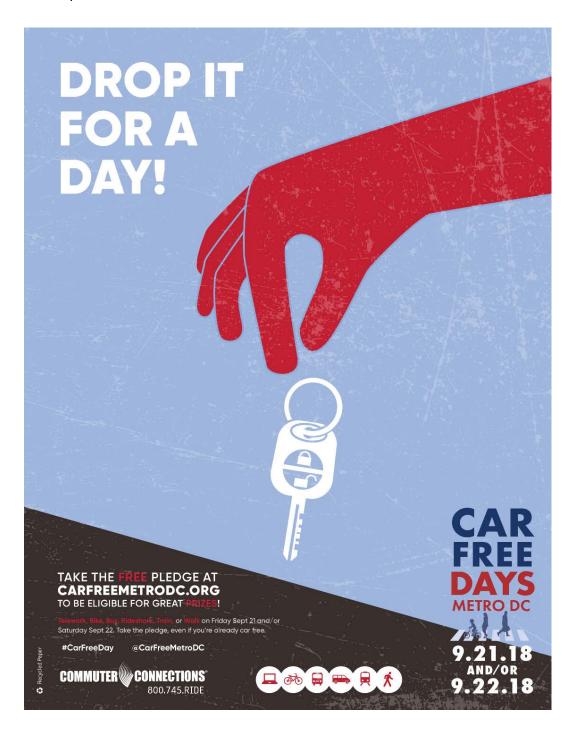
Chairman, National Capital Region Transportation Planning Board

#### **City of Frederick Proclamation**



#### **Poster**

The 2018 poster was a revival of a previous year's theme for Car Free Day and was refreshed with Committee feedback. Messaging encourages drivers to "Drop it For a Day" and take the free online pledge to use transportation alternatives on September 21 and/or 22. A PDF version of the poster was also made available on the web site for download.



#### **Employer Mailing**

A total of 16,500 posters were printed, 5,500 of which were mailed to employers throughout the region, along with a cover letter. In addition, an email blast was sent to 45,000 email addresses comprised of those who took the Car Free Day pledge over the previous three years, Commuter Connections opt-in accounts, Committee Members, employers, and Federal Telework Coordinators.



#### **Employer's Promotion**

Inter-American Development Bank poster promoting Car Free Day.



#### **Sponsor Donated Prizes**

Each participant who pledged to go car free or car-lite was entered into a raffle for a chance to win the following sponsor-donated prizes. Sponsors were recognized on the event web site, social media, and a press release.

- Capital Bikeshare annual memberships, courtesy goDCgo
- Samsung Galaxy Tab A 32GB Wi-Fi, courtesy Tri-County Council for Southern Maryland
- KIND Healthy Snacks gift bag, courtesy KIND
- SmarTrip cards with \$25 in fare, courtesy Washington Metropolitan Area Transit Authority
- Annual membership and T-shirt, courtesy East Coast Greenway Alliance
- Grocery Store gift cards of \$25 value, courtesy Giant Food
- Round trip tickets, courtesy VRE
- Annual memberships, courtesy Washington Area Bicyclist Association
- Washington at Home Book an illustrated history of neighborhoods in DC, courtesy Cultural Tourism DC.





















#### **District Taco Special Offer**

District Taco provided all who took the Car Free Day Pledge with a promo code for \$3 OFF online orders of \$10 or more. The promotion was valid through October 22, 2018 at all DC, Maryland, and Virginia locations.





# \$3 OFF

an online order of \$10 or more when you pledge to be Car Free!

Visit CarFreeMetroDC.org and take the FREE pledge to participate in Car Free Day! Walk, bike, bus, rideshare, or train to work! By pledging to take alternative methods of transportation, you're promoting a more sustainable lifestyle! Once you take the pledge, go to order.districttaco.com or the District Taco app, sign in with LevelUp, and enter the promo code provided by Commuter Connections. This offer is available at any location in VA, DC, or MD!



Offer only valid through October 22, 2018. Offer only valid for one time use. Discount only applicable to a purchase of \$10.00 or more. Discount shall not exceed \$3.00 off per check. Offer not valid for catering or in store orders. Offer may not be combined with other coupons, discounts, or promotions.

#### **Media Objectives**

The Car Free Days campaign raised public awareness and promoted use of more sustainable modes of transportation. Car Free Days challenged drivers to leave their cars home and go car free or car-lite on September 21 and/or 22.

Radio, text messaging, blogs, posters, bus signage, bus shelters, banner ads on radio station websites, social media, and an earned media effort were used to bring attention to the Car Free Day event and drive the public to <a href="https://www.carfreemetrodc.org">www.carfreemetrodc.org</a> to take the pledge.

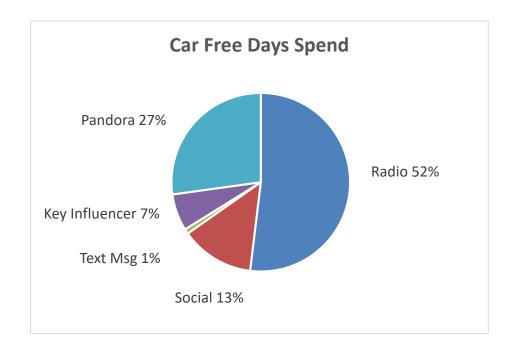
## **Target market:**

**Drivers of Single Occupant Vehicles** 

### **Geographic Targeting**

Washington D.C. DMA

Car Free Days Budget	MWCOG	Gross
	Cost	Dollars
Radio	\$ 23,364.00	\$27,487.00
Pandora	\$ 12,236.00	\$14,071.00
Social Media	\$ 6,000.00	\$ 6,000.00
Key Influencer (blogs)	\$ 3,000.00	\$ 3,529.00
Text Messaging	\$ 400.00	\$ 471.00
Total Budget	\$45,000.00	\$51,558.00



#### Radio

Radio comprised of half the media budget and informed the public about Car Free Days. Stations included WIAD (94.7 Fresh), WTOP (103.5 WTOP News), and WJFK (103.5 The Fan). Stations also provided pre-recorded DJ endorsements inviting listeners to participate from a personal level.

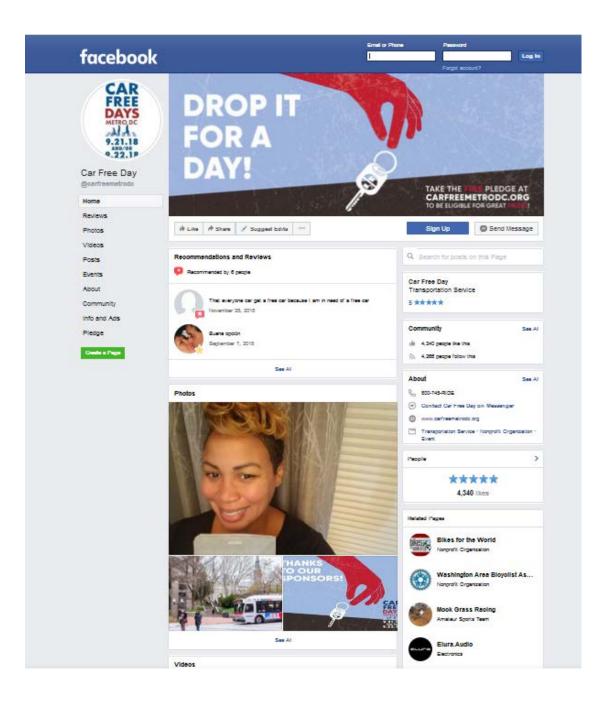






#### **Social Media Sites**

Social Media was used to keep fans up to date on activities prior to and after the event, and to spread the word through shares. The Car Free Day Facebook site is "liked" by over 4,300 users.





Car Free Day Twitter has 702 followers.



#### **Paid Social Media**

Boosted Facebook posts were placed in September 2018; a different one every several days.





WORK FROM HOME ON FRIDAY

Yippeel Celebrate Car Free Day on Friday, September 21, which makes it the perfect day to work from home and do some good! Join millions around the world... and don't forget to take the free pledge at www.carfreemetrodc.org. Sponsored by Commuter Connections. #CarFreeDay #CarFreeMetroDC



DO YOUR SHOPPING ONLINE
You bet it counts! You can be can free and still be productive! Shopping online is another great way to skip driving.
Take the free pledge at www.cafreemetrod.corg and enter for your chance to win some great prizes. Sponsored by Commuter Connections. #CarFreeDay #CarFreeMetroDC



TAKE A BIKE FOR THE DAY!

No Bike? No problem! The Metropolitan region offers many options for taking a bike for the day, Grab a friend and take the free pledge to ride together! You could win some great prizes and join millions around the world for this important event. Go to www.carfreemetrodc.org, Sponsored by Commuter Connections, #CarFreeDay #CarfreeMetrod.



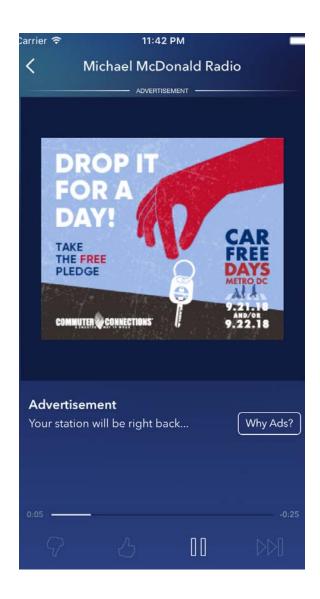
WATCH A MOVIE WITH YOUR FAMILY
Stay at home and go car free with your family. Break out the popcorn and watch your favorite movies on Friday,
September 21 and/or Saturday, September 22 - it's the perfect way to do your part on World Car Free Dayl Take the
free pledge at www.carfreemetrodc.org. Sponsored by Commuter Connections. #CarFreeDay #CarFreeMetroDC



WALK TO WORK
Walk to work on Friday, September 21 or to the store on Saturday, September 22! Take the free pledge
and you could win some great prizes. Join millions around the world for this important event. Go to
www.carfierentrodcorg. Sponsored by Commuter Connections. #CarFreeDay #CarFreeNetroDC

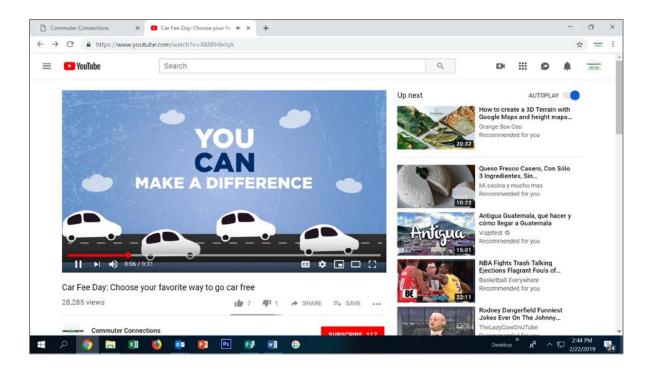
#### **Pandora**

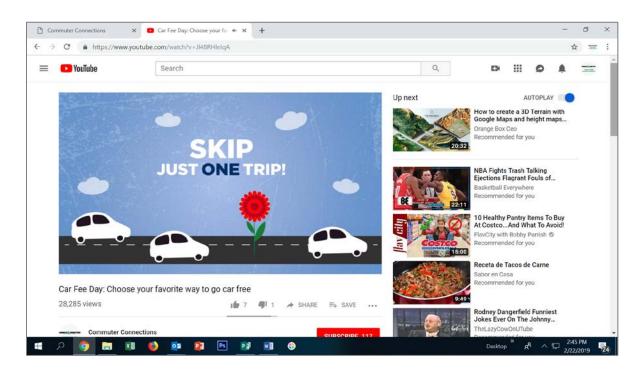
An estimated 3,500,000 impressions were delivered using Pandora's unique geo-targeting and effective advertisement delivery system. For Car Free Days, a :30 radio spot ran concurrently with display advertisements.



#### YouTube

A :30 video was placed on YouTube encouraging viewers to Choose a favorite way to go car free.



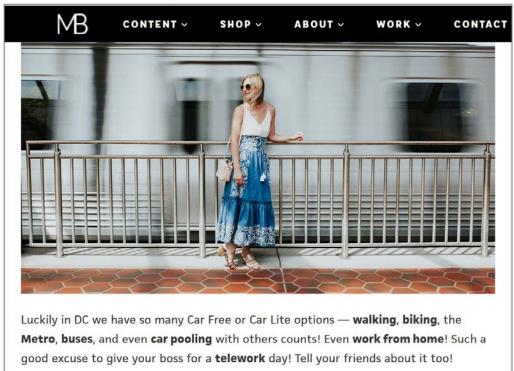


#### **Key Influencer Blogs**

Paid endorsements with popular local bloggers Meg Biram and Courtney Dredden helped reach unique audiences. These influential lifestyle blog writers spread the word about Car Free Day in a grass-roots style fashion to generate conversation and awareness of getting around without driving alone by car. Both wrote comprehensive articles from a personal perspective. In the blog they discussed various forms of transportation that readers could use on Car Free Day. Articles contained caveats regarding sponsor transparency.





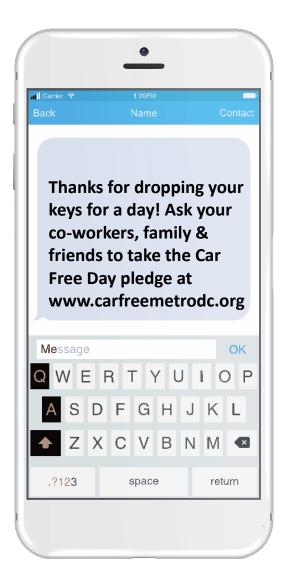






#### **Text Messages**

When event registrants took the Car Free Day pledge at www.carfreemetrodc.org they were provided with the opportunity to opt-in and enter their mobile number to receive text messages about the upcoming event. The message asked recipients to encourage friends, family, and co-workers to take the pledge as well.



#### **Transit Signage**

Complimentary transit ad space was donated by the following transit partners:

- Arlington Interior Bus Cards
- Fairfax County Connector Bus Tails
- Prince George's County Bus Shelters
- Montgomery County Bus Queens
- Metrobus Interior Bus Cards



#### **Earned Media**

Outreach was conducted that included targeted press releases to raise awareness of the health benefits of going car free and the prize raffle.

#### Press Releases:

- Don't miss out on great Car Free Day prizes
- Commute to a healthier lifestyle on Car Free Days, September 21 and 22
- Drop Your Keys for a Day or Two! Take the Pledge to Go Car Free on September 21 and 22

For the second consecutive year, Commuter Connections partnered with the American Lung Association to support the Car Free Day initiative of improving the region's air quality and health. The American Lung Association provided a quote for the Car Free Day press release and shared Car Free Day promotional posts and articles on their social media pages.

A new partnership was established with the American Heart Association to amplify the Car Free Day message about health and air quality. In addition to providing a quote for the Car Free Day press release, the American Heart Association distributed the release and information about Car Free Day to its media list and stakeholders; posted a blog post about Car Free Day; and promoted the event and its materials through its social media accounts.





### **Capital Area Car Free College Campus Challenge**

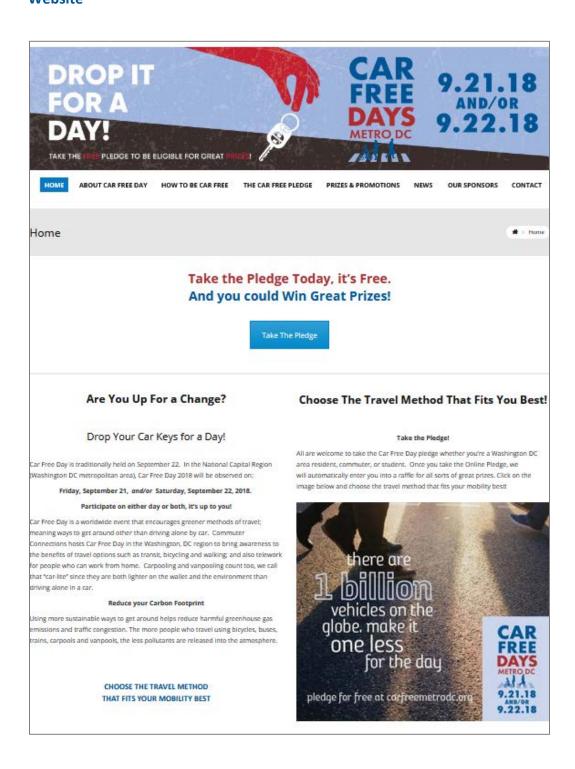
The Capital Area Car Free College Campus Challenge was created as a friendly competition to generate awareness of and participation in Car Free Day on college campuses throughout the region. A promotional kit was distributed to higher learning institutions in partnership with the Consortium of Universities of the Washington Metropolitan Area. Over 250 pledges, 9 percent of all Car Free Day pledges were made through .edu email domains.



#### **Top Universities**

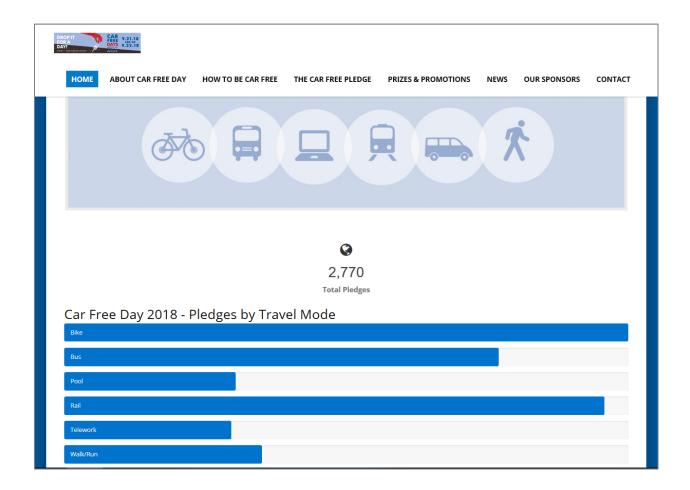
Georgetown University	120
American University	42
University of Maryland	24
George Mason University	11
Gallaudet University	10

#### Website



### Leaderboard

A daily leaderboard was displayed on the Car Free Day web site's home page. The chart showed each travel mode in alphabetical order and the number of pledges.



#### **Jurisdiction Activities**

Commuter Connections' network members hosted numerous promotions to celebrate Car Free Day.

- <u>Arlington</u>– Enjoy Car Free Day 2018 by attending Clarendon Day, one of Arlington's best loved and most diverse street festivals on Saturday, September 22, 2018 from 11 a.m. to 6 p.m.
- <u>District of Columbia NoMa</u> Turn spaces meant for cars (curbside parking spots) into spaces meant for people. Come up with a design that brings the community together in a unique way. <u>E-mail your best idea</u> to *Iseremetis@nomabid.org* by COB Monday, August 6, and we'll pick a few favorites, each of which will receive a \$500 stipend to make the vision a reality on September 21!
- <u>City of Fairfax</u> A CUE Swag Bag, including a \$50 SmarTrip card will be awarded at random to a resident of the City of Fairfax who takes the 2018 Car Free Day pledge.
- <u>TransIT Services of Frederick County</u> Friday, September 21, 2018: FREE RIDES on TransIT Connectors and Shuttles for the day.
- Manassas City Stop by the Farmer's Market (Prince William Commuter Lot across from Baldwin Elementary) on Saturday September 22, 2018 from 8:30 am to 12:00 pm to enjoy giveaways and learn more about transportation alternatives and healthy lifestyles. Come enjoy our pop-up park, join a bike tour at 9:00 a.m., and join a walking tour at 10:00 a.m. Residents of the City of Manassas also have a chance to win HMI memberships, Manassas-Opoly games, and Manassas History books. Also at the Farmer's Market, Omniride will showcase their I-66 Express Lanes wrapped bus to promote half price bus fares through 2020 on bus routes from Gainesville and Manassas.
- Montgomery County Commuter Services Shop & Play the Easy Way! Enjoy a Car
  Free Family Adventure on Saturday, September 22, 2018 with Free <u>Ride On ExtRa</u> Bus
  Service from Shady Grove Metro to <u>Black Hill Regional Park</u>, with stops at Germantown
  Transit Center and <u>Clarksburg Premium Outlets</u>. Shop the outlets, enjoy the great
  outdoors, or both!
- <u>Southern Maryland</u> <u>Farmer's Market</u> on the North Beach Boardwalk in Calvert County. Friday, September 21, 2018 from 4:00 p.m. to 9:00 p.m. Enjoy free giveaways from Tri-County Council for Southern Maryland.



JOIN US FOR

# MANASSAS CAR FREE DAY

## SEPTEMBER 22 | 8:30AM-NOON SATURDAY FARMER'S MARKET

Prince William Commuter Lot across from Baldwin Elementary

Relax in our Pop-Up Park

10 AM Walking Tour Car Free Manassas in the 1900s 9 AM Bike Tour with
Planners. Share your voice
about improvements
for bikers

Join the
Transportation
Community
Conversation

Learn about car-free alternatives from our partners

Take the pledge at
www.carfreemetrodc.org
& win great prizes like
Manassasopoly



DAVI

TAKE THE FREE PLEDGE TO BE ELIGIBLE FOR GREAT PRIZE



CAR FREE DAYS METRO DC

9.21.18 AND/OR 9.22.18



# Shop & Play The Easy Way!

# MONTGOMERY COUNTY CAR FREE DAY

Saturday, September 22, 2018 10:00am — 7:00pm

#### **LEAVE THE DRIVING & PARKING TO US!**

Try our new Ride On extRa buses for FREE: WiFi, USB ports & comfy seats

# FREE RIDE ON EXTRA BUSES to/from Shady Grove Metro Station every 30 minutes with the following stops:

- Germantown Transit Center
- Black Hill Regional Park
- Clarksburg Premium Outlets

Riders receive FREE VIP Membership & Savings Passport with discounts at 40+ retailers.

#### **BLACK HILL REGIONAL PARK activities include:**

- Monarch Butterfly Fiesta Day 11am-3pm FREE activities for all ages
- Enjoy biking with the Zagster bikeshare bikes with the first 2 hours free
- Boat rentals & pontoon rides on Lake Seneca til 6pm Riders receive discounts off boat rentals.











carfreemetrodc.org



#### Car-Centric to Car Free

Drop your car keys and go car free on either Friday, September 21 or Saturday, September 22, or both days! Join residents and commuters in the Washington DC region and around the world for Car Free Day, celebrated in 40 countries. Like Earth Day, another worldwide ecoconscious event, Car Free Day was brought about to create awareness of ways to better the environment. Using alternative forms of transportation not only makes cleaner ir, it also helps improve mobility. So get around on Car Free Day by bicycling, walking, or taking transit. those who must travel by car. consider carpooling.

Those who take the Car Free Day pledge could win great prizes such as an Apple iPod, Capital Bikeshare annual memberships, SmarTrip Cards loaded with \$25, KIND Healthy Snacks, Giant Food Stores gift cards, and more! To take the free pledge, and for Car Free Day happenings in Northern Virginia, visit w.CarFreeMetroDC.org, or call 800 745-RIDE.

The Car Free Day event caught the attention of area leaders in the Washington, DC metropolitan region in 2008, when Commuter Connections "adopted" the event. Commuter Connections is a program of the National Capital Region Transportation Planning Board, at the Metropolitan Washington Metropolitan Washington Council of Governments. The publisher of @livemore magazine, the Dulles Area Transportation Association, is a member of the Commuter Connections network.)

Although Commuter Connections' focus is on bettering the region's notorious commute, participation in Car Free Day is not limited to commuters. Anyone who typically drives alone to get around, regardless of where he or she is going, is encouraged to try traveling for a day or two in late September without a car. Workers are encouraged to go car free to and from work, as well as for trips outside of the daily commute. Take transit to the movies, walk to a restaurant, ride bicycles to the park, share a ride to the mall or avoid travel altogether by shopping online or working from home.

The automobile has been an integral part of the American landscape for many gen-erations, so for some, parting with a car for even just a day or two can be a challenge. However, drive alone travel patterns have been shifting over the last decade and a half. According to the Commuter Connections 2016 State of the Commute Survey, although driving alone continues to be the main way that most DCregion commuters get to and from work, that number has been in decline over the last 15 years. In 2001, 7 in 10 commuters reported driving alone to work at least three days a week. In 2016, a little more than 6 out of 10 commuters reported doing so.

Here's a bit of social history that explains how we came to need initiatives like Car Free Day. By the midtwentieth century, a solid ro-mance flourished with road travel along the interstate highway system, which proliferated during the Eisenhower administration. By the 1950's this network of highways ran east to west and north to south. With a smooth path of paved roadways, America fast became imbedded as a car culture.

With the newfound freedom to travel farther distances in a short period of time, young families moved away from central urban areas and into low-density, car-dependent communities. As the nation saw a mass exodus from urban areas to perceived bet-ter lifestyles in the suburbs, the term "suburban sprawl" was coined.

Times were good, until the oil embargo of the 1970's brought about sky-rocketing gas prices, rationing, and long lines at the pump. The new reality turned carpooling into a legitimate way to move peo-ple more cost effectively and efficiently than driving alone. Flash forward to current day. and shopping malls with expansive surface parking lots are becoming less prevalent, and regional planners aim to manage growth with a more transit-oriented, mixed-use development, walkable-communities model.

Enormous population and job growth have made the Washington, DC region a national proving ground for variable-toll "Express Lanes", as an approach to keep the immense flow of traffic moving at an ac-ceptable pace. The Express Lanes have made carpooling a more attractive option through the carrot of a quick, toll-free commute

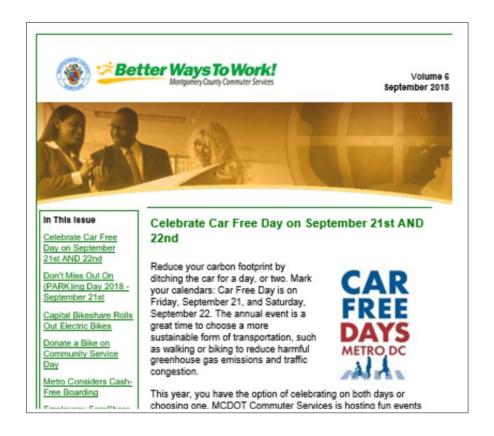
Technology also helped to chip away at the need to rely entirely on driving alone to work. The State of the Commute Survey has found that more workers in the region are teleworking. In the latest survey, 32 percent of commuters reported working remotely or from home at



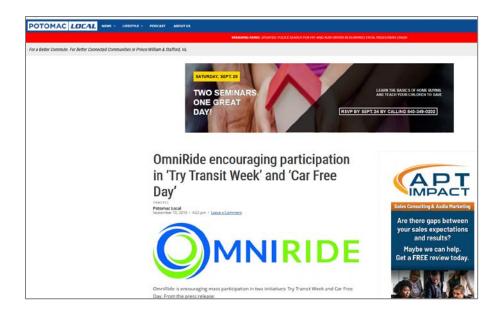
least occasionally, up from 27 mental concerns are yet anpercent in 2013.

Ease of mobility and quality of life have become valuable commodities in today's fast the driveway and discover the paced world. And environ- joys of being car-free!

other reason to use transportation alternatives. So leave that single occupant vehicle in







#### You're Invited!

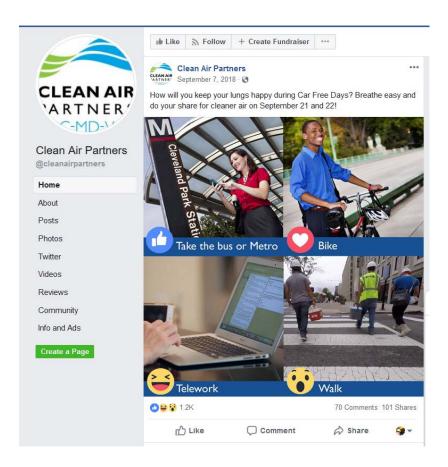
On Wednesday, September 12th from 7am to 9am, TransIT Rideshare will be co-hosting a Car Free Day and Frederick County Commuter Informational event with WFRE at Roy Rogers on Buckeystown Pike. Please note the location change from Wawa on Urbana Pike/MD Route 355.

At the event, residents can receive commuter information, take the Car Free Day pledge for September 21st and 22nd, and have the ability to win great prizes - including WFRE's Wheel O Tickets! Residents and commuters interested in learning more about local services, commute alternatives such as carpooling and vanpooling, as well as commuter benefits available to them are encouraged to stop by. For more information, please contact us at 301-600-RIDE.



#### **Clean Air Partners**

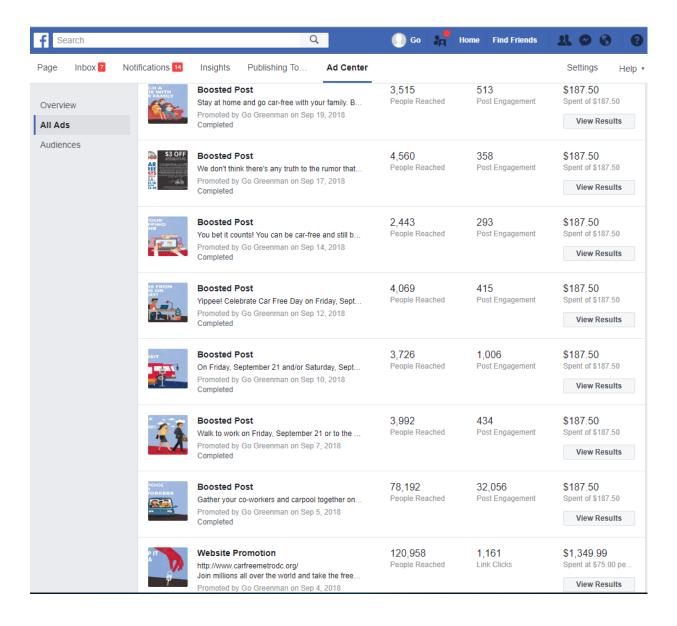
Clean Air Partners promoted Car Free Day through an emoji vote on Facebook. Users were asked to react via emoji to the corresponding alternate method of transportation they would use on Car Free Day. Bus/Metro was the most popular travel mode. The post received 1,441 engagements including 1,270 reactions, 70 comments, and 101 shares.



	Method	Count
	Bus/Metro	957
0	Bike	72
> <	Telework	152
	Walk	89

#### Paid Social Media

Unique promotional visuals were posted onto Facebook during the month of September and boosted for a more expansive audience. A different "ad" was placed every few days. Collectively, the posts received 36,356 user engagements defined as clicks, comments, reactions, and/or shares.



#### **Pledge Data Performance Results**

## **By Travel Mode**

A total of 2,770 people took the Car Free Day pledge in 2018. Participants were asked to select the mode they used for the greatest distance of travel during Car Free Days. The breakdown by mode was as follows: Bike 27 percent, Rail 26 percent, Bus 21 percent, Walk 10 percent, Telework and Pool 8 percent.

The previous year's travel mode usage fell in the same order from largest to smallest, however changes in percentage by mode shifted by varying degrees. Compared to 2017, rail and bus both increased by 4 percent, walk/run mode share decreased by 6 percent, and bike decreased by 2 percent. Pool and Telework percentage share remained unchanged from year to year.

Transportation Mode	# Pledges	% Pledges
Bike (bicycles)	753	27%
Rail (Metrorail, MARC, VRE)	721	26%
Bus (Metro, local bus, and commuter)	580	21%
Walk/Run	264	10%
Telework	223	8%
Pool (carpools and vanpools)	229	8%

2,770 100%

#### By Alt Mode/SOV

To segment those already in alternative modes from regular SOV travelers, the question was asked "If you didn't take this pledge, would you travel entirely alone by car on Car Free Day?" In addition, those who pledged were asked to estimate the total miles they will travel on Car Free Day (other than any drive alone distance, i.e. to the park and ride lot). The total mileage saved or reduced on Car Free Day was 87,947 miles. Those who self-identified as normally SOV drivers made up 43 percent of the pledges, and 45,734 of the vehicle miles reduced.

Usual Travel Status	# of Pledges	% of Pledges	Miles Saved on CFD	% of Miles
Normally Car Free	1,587	57%	42,213	48%
Normally SOV	1,183	43%	45,734	52%
	2,770	100%	87,947	100%

#### By State

670

100%

986 100%

Each state generated at least 650 total pledges in 2018. The highest bike mode share for any state was the District, with bikes making up 39% of its total pledges. The District also had the highest mode share for walk/run, at 15% of its total. The highest mode share for rail by state was Maryland, with rail representing 28% of its total. Maryland also had the highest mode share for Telework, making up 11%. The highest mode share for bus by state was Virginia with 24%. The Commonwealth also had the highest mode share for Carpools/Vanpools, making up 12% of its total.

Mode	DC Pledge Count	DC %	MD Pledge Count	MD %	VA Pledge Count	VA %	Other Pledge Count	Other %	Total Pledge Count	Total Pledge %
Bike	258	39%	235	24%	251	23%	9	21%	753	27%
Bus	100	15%	217	22%	257	24%	6	14%	580	21%
Pool	25	4%	73	7%	126	12%	5	12%	229	8%
Rail	178	27%	281	28%	252	24%	10	23%	721	26%
Telework	10	1%	110	11%	96	9%	7	16%	223	8%
Walk/Run	99	15%	70	7%	89	8%	6	14%	264	10%

1,071 100%

100%

43

2,770

100%

## **By Jurisdiction**

With 24.2 percent of the total pledges, DC was the #1 jurisdiction, followed by Montgomery County, and Arlington, both with double digits as well. Ranked forth was Fairfax with a strong 9 percent.

Jurisdiction	# Pledges	% Pledges
DC District of Columbia	670	24.2%
MD Montgomery County	589	21.3%
VA Arlington County	290	10.5%
VA Fairfax County	257	9.3%
VA Prince William County	159	5.7%
MD Prince George's County	142	5.1%
VA Loudoun County	123	4.4%
VA Alexandria City	91	3.3%
MD Frederick County	77	2.8%
MD Howard County	41	1.5%
MD Anne Arundel County	39	1.4%
VA Stafford County	37	1.3%
VA Fairfax City	33	1.2%
MD Baltimore City	23	0.8%
VA Falls Church City	20	0.7%
VA Spotsylvania County	19	0.7%
MD Baltimore County	17	0.6%
MD Calvert County	17	0.6%
MD Charles	17	0.6%
WV Jefferson County	10	0.4%
VA Fauquier County	8	0.3%
MD St. Mary's County	7	0.3%
MD Washington County	6	0.2%
WV Berkeley County	5	0.2%
Other	73	2.6%

Total 2770 100.0%

#### **Emissions Impacts**

COG/TBP staff provided Car Free Day emissions impacts (in tons). NOx or nitrogen oxides are the chemical in automotive exhaust; VOC or volatile organic compounds are ground-water contaminants; GHG or greenhouse gases are released into the atmosphere and absorb and emit radiation; and Particulate Matter are microscopic matter suspended in the earth's atmosphere.

Emissions rates for VOC, NOx, PM2.5 (previously calculated for TERMs analysis) and GHG (calculated for this analysis) are calculated for the respective planning areas using output from the MOVES model, as described below:

Emission Rate = [Emissions] / [VMT of passenger cars and passenger trucks] Emissions savings are calculated as below: Emissions Savings = [Emission rate] X [Pledged VMT]

Table 1. Emissions Savings from 2013 to 2018 Car Free Day Program

Year	Car Free Day	Emissio	ons Rate	(grams/r	mile)	Emiss	ions (sh	ort tons	/day)	CLRP	AQ Model
Teal	Pledged VMT*	NOX	voc	GHG	PM2.5	NOX	voc	GHG	PM2.5	CLRP	AQ IVIOUEI
2013	128,928	0.513	0.351	427.990	0.021	0.073	0.050	60.83	0.00298	2013	MOVES2010a
2014	109,428	0.501	0.344	452.100	0.022	0.060	0.041	54.53	0.00265	2014	MOVES2010a
2015	61,730	0.472	0.372	425.963	0.017	0.032	0.025	28.98	0.00116	2015	MOVES2014
2016	93,101	0.407	0.337	417.199	0.016	0.042	0.035	42.82	0.00164	2016	MOVES2014a
2017	191,428	0.301	0.301	403.082	0.01	0.064	0.064	85.06	0.00211	2016	MOVES2014a
2018	87,947	0.245	0.272	384.166	0.01	0.024	0.026	37.24	0.00097	Visualize 2045**	MOVES2014a

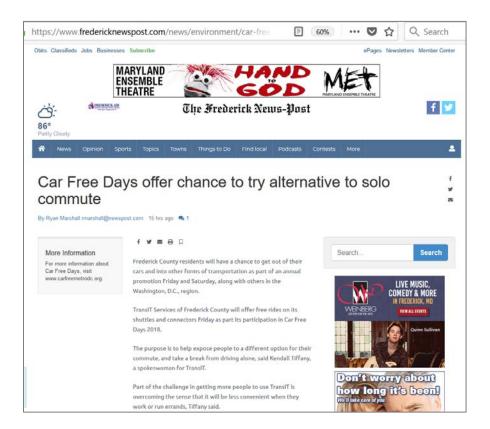
<sup>\*</sup> Pledged VMT for 2018 were received from Nick Ramfos via e-mail on 9/27/2018. VMT for other years came from the "Emission Savings from Car Free Day 2017" memorandum dated 10/20/2017.

<sup>\*\*</sup> PM2.5 rates for 2018 are from the 2016 CLRP

#### **Car Free Days Earned Media Placements**

Car Free Days 2018 media placements, across print, internet, radio, and television outlets, along with a selection of social media placements.





## **Media Placements**

CFD 2018 Print /Online Coverage					
Date	Outlet	Topic linked to URL			
7/18/18	Washington Times	D.C. officials to stretch 'Car Free Day' into			
7710710	washington rimes	two days			
8/29/18	issuu	<u>Car-Centric to Car Free</u>			
9/01/18	CityScene	<u>Celebrate Try Transit</u>			
3,02,13	only occure	Week and Car-Free Day			
9/05/18	Montgomery County	Shop & Play the Easy Way			
9/07/18	Gallaudet University	"Car Free Day" to take place Friday,			
	·	September 21, 2018			
9/07/18	Arlington Transit	Free ART Bus Rides on September 20			
9/10/18	Potomac Local	OmniRide encouraging participation in 'Try			
3, 23, 23		<u>Transit Week' and 'Car Free Day'</u>			
9/11/18	Bristow Beat	'Try Transit Week,' 'Car Free Day'			
-, -=, -=		Encourages Driving Alternatives			
9/12/18	Montgomery County MD	MCDOT to Sponsor Special Car Free Day			
-, , -		"Shop and Play" Celebration			
9/14/18	Prince William County Virginia	Consider Going Car Free for a Day			
	Fairfax County	Fairfax Commuters Encouraged to Give			
9/14/18		Transit a Try During Try Transit Week and			
		Go Car Free Sept. 21-22			
9/16/18	NIH	<u>Car Free Day</u>			
9/17/18	WTOP	Will a taco discount get you to go car-free			
9/17/18	WIOP	this week?			
9/17/18	WTOP	How to get a free bus ride in Arlington this			
3/17/18	WIOF	week			
9/17/18	Potomac Local	Leave the car at home on Car Free Day			
9/17/18	WFMD	Car Free Days Taking Place Later This Week			
9/17/18	City of Frederick	Car-Free Days, Free Ride on TransIT			
9/17/18	Greater Greater Washington	Be carefree by being car-free			
	**asimi6ton				

		American Heart Association Supports Car					
9/18/18	American Heart						
9/10/10	Association	Free Day to Create Heart Healthy Habits in					
		DC					
9/18/18	The Frederick News Post	Car Free Days offer chance to try					
		alternative to solo commute					
9/19/18	Potomac Almanac	Car Free Days 2018					
9/19/18	Prince William Times	Can you go car-free for a day?					
9/19/18	Urban Places and Spaces	World Car Free Day: Saturday September 22nd					
0/10/19	Herald Mail Media	TransIT encourages greener modes of					
9/19/18	neraid iviali iviedia	travel Friday and Saturday					
0/20/10	Mass Transit Massarine	MD: Car Free Days Offer Chance to Try					
9/20/18	Mass Transit Magazine	Alternative to Solo Commute					
0/20/19	Cultural Tourism DC	Pledge to Go Car Free and					
9/20/18	Cultural Tourism DC	Join Us for Walking Town DC					
0/20/10	04.7 54000 514	Watch Jen Try Scooters, Bikeshare & More					
9/20/18	94.7 Fresh FM	Modes of Transport for Car Free Day					
0/22/10	Greater Greater	On Car-Free Day, residents yearn for the					
9/23/18 Washington		Purple Line					
	CFD 2018 Te	levision Coverage					
9/18/17	Prince George's	Car Free Day					
9/10/17	Community Television	<u>Car Free Day</u>					
	CFD 2018	Radio Coverage					
9/21/17	CFD WTOP	Car Free Day					
9/21/17	Fresh FM	Car Free Day					
	CFD 2018 Paid Influencer Blog						
9/14/18	Eat Pray Run DC	Top Ten Big Birdcamp Memories					
9/13/18	Meg Biram	Change It Up					
CFD 2018 Calendar Listing							
Outlet		Listing					
Maryland							
The Baltimore Su	ın	Car Free Days 2018					
Bethesda Transp	ortation Solutions	<u>Car Free Day</u>					

Frederick News Post	Car Free Days 2018
Evensi	Car Free Day 2018
Bethesda Magazine	Car Free Days 2018
Carroll County Times	Car Free Days 2018
WMAR-TV (ABC – Baltimore) Channel 13	Car Free Days 2018
Across Maryland	Car Free Days 2018
Annapolis	Car Free Days 2018
Baltimore	Car Free Days 2018
Bowie	Car Free Days 2018
College Park	Car Free Days 2018
Edgewater	Car Free Days 2018
Laurel	Car Free Days 2018
Sevema Park	Car Free Days 2018
Virginia	
Fairfax County	Try Transit Week and Go Car Free September
	<u>17 - 22</u>
Arlington Transit	Car Free Day
Arlington Transportation Partners	Car Free Day
Try Transit Week	Virginia's 2018 Try Transit Week September
	<u>17 - 21</u>
Bike Arlington	Car Free Day 2018
Alexandria Times	Car Free Days 2018
Neck Ride	Car Free Days
Across Virginia	Car Free Days 2018
Arlington	Car Free Days 2018
Clarendon	Car Free Days 2018
Norfolk	Car Free Days 2018
Richmond	Car Free Days 2018
Roanoke	Car Free Days 2018
Tysons Corner	Car Free Days 2018
Washington, D.C.	
Washington, D.C.	<u>Car Free Day</u>
Mix 107.3	<u>Car Free Day</u>
WMAL	<u>Car Free Day</u>
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