## Car Free Day 2018 Washington, DC Region Event Report

May 21, 2019 Draft Report



# A SMARTER WAY TO WORK

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.

#### **Regional Proclamation**



**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:

- 1. 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

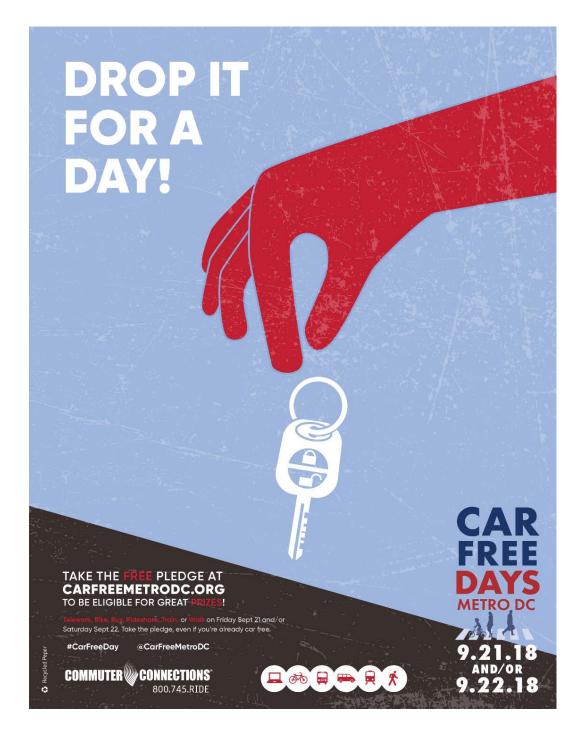
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#### **City of Frederick Proclamation**



Poster

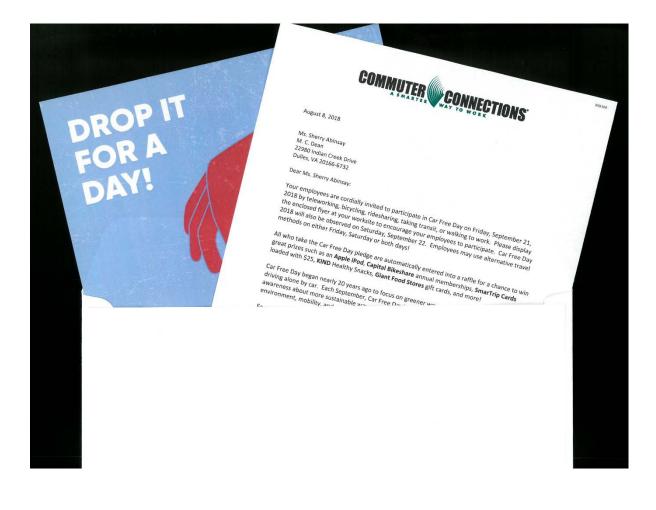
The 2018 poster was a revival of a previous year's theme for Car Free Day and was refreshed with Committee feedback. Messaging encourages drivers to "Drop it For a Day" and take the free online pledge to use transportation alternatives on September 21 and/or 22. A PDF version of the poster was also made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



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#### **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.

IDBG CAR September 17 - 21 - IDB Health Center Walking Challenge - Fitness Center showers open to walkers and cyclists Monday, September 17 - 12:30-1:30pm **Everyday Biking Seminar** FREE Andres Bello, 4/5 Tuesday, September 18 **Bike to Work with BIDciclistas** Pit Stop MOVED TO THURSDAY DAYS Street Entrance, 8:00-9:30am Bike Clinic – professional check-ups Garage P1, 11am - 2pm MOVED TO WEDNESDAY Wednesday, September 19 - 12:30-2:00pm **DROP IT** Movie and Discussion: Bikes vs. Cars Andres Bello 4/5 FOR A DA Thursday, September 20 - 5:30pm **Outdoor Bike Ride** OR MORE Meet in Fitness Center Friday, September 21 - 12:30-1:30pm Outdoor Walk (log your final steps) Meet at fountain in atrium Free food and drink Win prizes For more information, visit: idbg.sharepoint.com/sites/CSP/ SIDB

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#### **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.





# CAR FREE DAYS METRO DC 9.21.18 AND/OR 9.22.18

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.

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#### **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 <u>www.carfreemetrodc.org</u> to take the pledge.

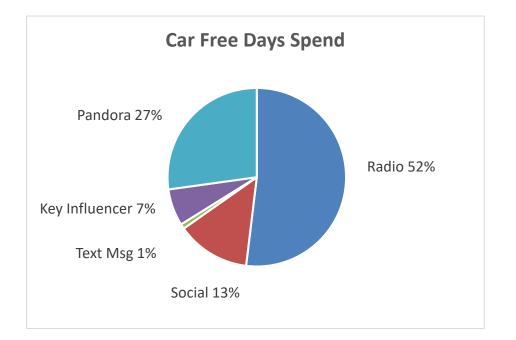
#### Target market:

**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.

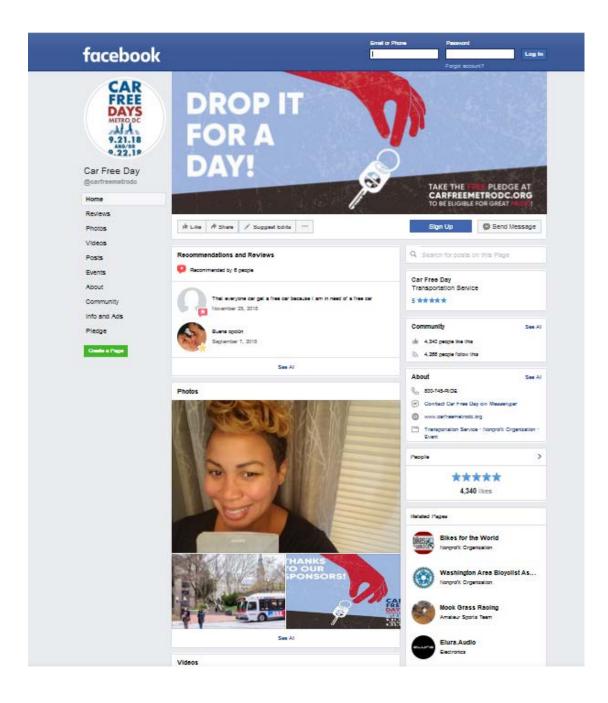






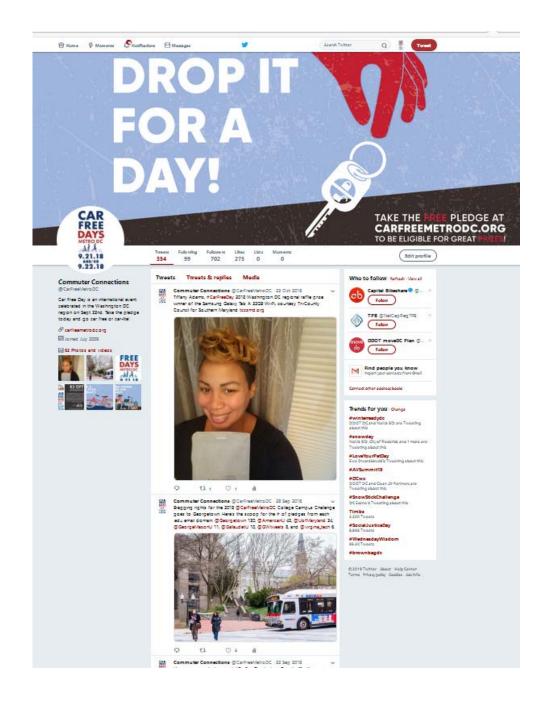
#### **Social Media Sites**

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.



TAKE TRANSIT On Friday. September 21 and/or Saturday, September 22 people are encouraged to get around without driving alone in cast. Instead try the bus, train. bicycle, carpool, vanpool, or walk. Take the pledge at www.carlienemetrodcorg and get entered into a free raffle to win some great prizes! Sponsored by Commuter Connections. #CarFreeDay #CarFreeMetroDC



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 Jion millions around the work... 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 car free and still be productive! Shopping online is another great way to skip driving. Take the free pledge at www.carfireemetrodc.org 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 tide 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 #CarfreeMetroDC



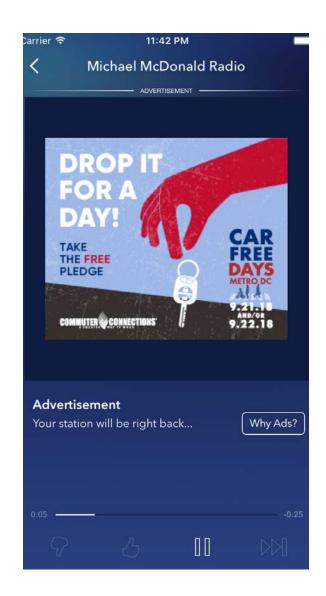
WATCH A MOVIE WITH YOUR FAMILY Stay at home and go car free with your family. Break out the popcorn and watch your favorite movies on Friday, September 21 and/or Saturday, September 22 - Ir's the perfect way to do your part on World Car free Dayl Take the free pledge at www.carfreemetrodc.org. Sponsored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



WALK TO WORK Walk to work on Friday, September 21 or to the store on Saturday, September 221 Take the free pledge and you: could win some great prizes. Join millions around the world for this important event. Go to www.caffeemetrodc.org. Sponsored by Commuter Connections. #CaffeeDay #CaffreeMetroDC

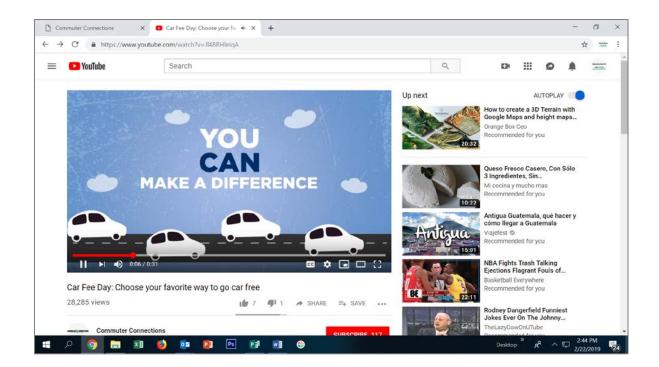
#### Pandora

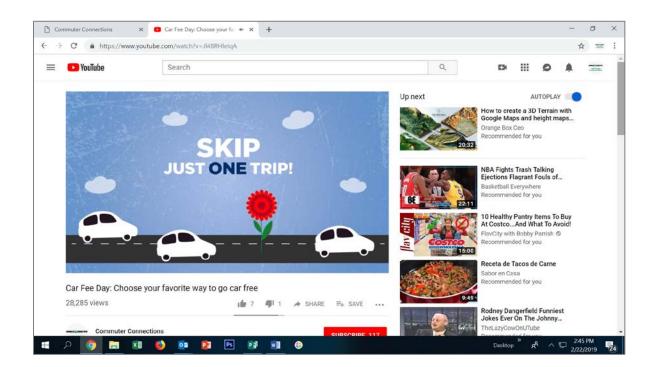
An estimated 3,500,000 impressions were delivered using Pandora's unique geo-targeting and effective advertisement delivery system. For Car Free Days, a :30 radio spot ran concurrently with display advertisements.



#### 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.



#### Run Commute for Car Free Day!

SEPTEMBER 6, 2018 BY: COURTNEY @ EAT PRAY RUN DC 4 COMMENTS

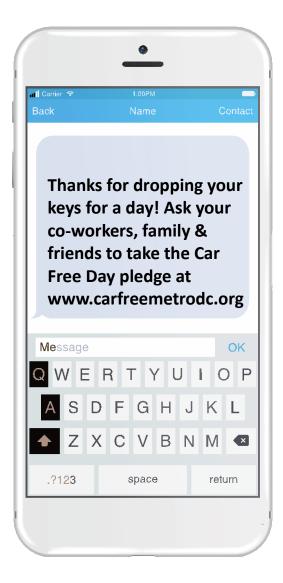


Hi friends. As I've mentioned before, I sometimes run commute to or from work. It is a great way to get to and from work and get your workout in. I was recently featured in a Washington Post article about run commuting and it made me realize that with Car Free Day coming up on Friday, September 21 and/or Saturday September 22, this was the perfect opportunity to combine the two.



#### **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.

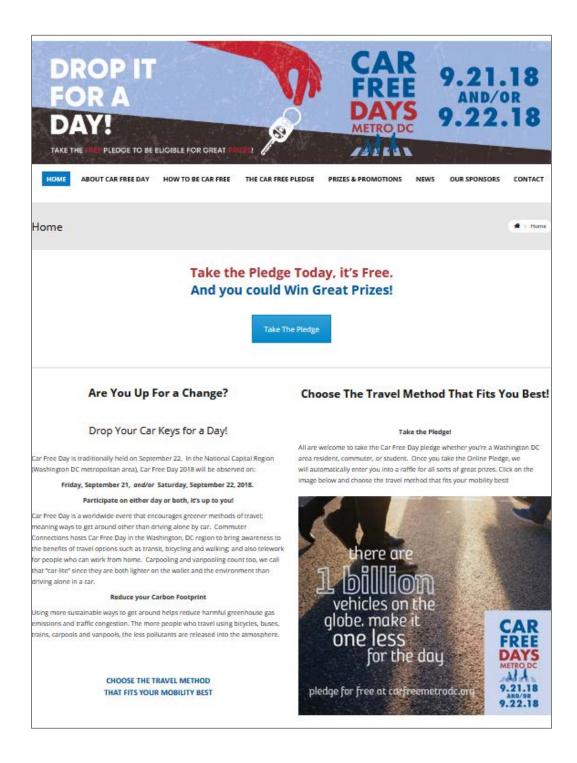


Consortium of Universities of the Washington Metropolitan Area

#### **Top Universities**

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

#### Website



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#### 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.

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|---|
| HOME ABOUT CAR FREE DAY HOW TO BE CAR FREE THE CAR FREE PLEDGE PRIZES & PROMOTIONS NEWS OUR SPONSORS CONTACT  |
|   |
| Q<br>2,770<br>Total Pledges   |
| Car Free Day 2018 - Pledges by Travel Mode  |
| Bike  |
| Bus   |
| Pool  |
| Rail  |
| Telework  |
| Walk/Run  |

#### **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 *lseremetis@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.
- <u>Manassas City</u> 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 <u>I-66 Express Lanes wrapped bus to promote half price bus fares through 2020 on bus routes from Gainesville and Manassas.</u>
- <u>Montgomery County Commuter Services</u> 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 <u>Tri-County Council for Southern Maryland</u>.





# 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

livem

## 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, walk-For ing, 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 300 745-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

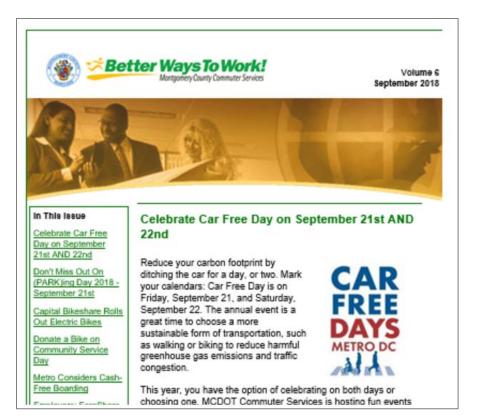


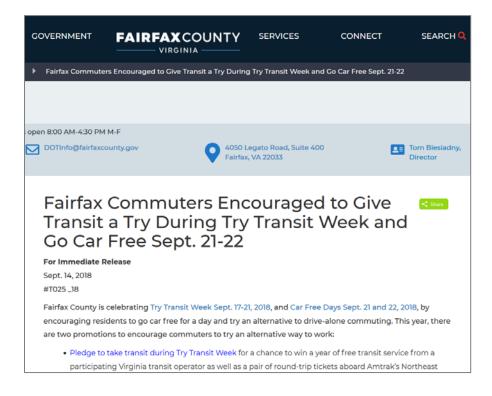
least occasionally, up from 27 mental concerns are yet anpercent in 2013.

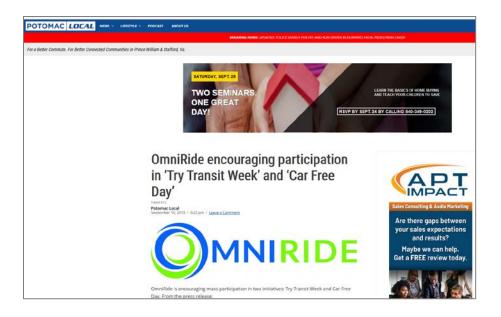
Ease of mobility and quality of life have become valuable commodities in today's fast the driveway and discover the paced world. And environ- joys of being car-free!

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

10







### You're Invited!

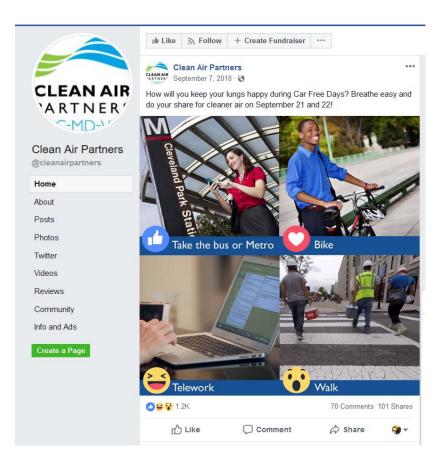
On Wednesday, September 12th from 7am to 9am, TransIT Rideshare will be co-hosting a Car Free Day and Frederick County Commuter Informational event with WFRE at Roy Rogers on Buckeystown Pike. Please note the location change from Wawa on Urbana Pike/MD Route 355.

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.

| f Search            |                             | Q   | 🕕 Go   🚑                  | Home Find Friends         | 400   |
|---------------------|-----------------------------|---|---------------------------|---------------------------|---|
| Page Inbox 7        | Notifications 14            | Insights Publishing To Ad Center  |                           |                           | Settings Help                                     |
| Overview<br>All Ads | CH A<br>TE WITH<br>R FAMILY | Boosted Post<br>Stay at home and go car-free with your family. B<br>Promoted by Go Greenman on Sep 19, 2018<br>Completed                            | 3,515<br>People Reached   | 513<br>Post Engagement    | \$187.50<br>Spent of \$187.50<br>View Results     |
| Audiences           |                             | Boosted Post<br>We don't think there's any truth to the rumor that<br>Promoted by Go Greenman on Sep 17, 2018<br>Completed                          | 4,560<br>People Reached   | 358<br>Post Engagement    | \$187.50<br>Spent of \$187.50<br>View Results     |
|                     |                             | Boosted Post<br>You bet it counts! You can be car-free and still b<br>Promoted by Go Greenman on Sep 14, 2018<br>Completed                          | 2,443<br>People Reached   | 293<br>Post Engagement    | \$187.50<br>Spent of \$187.50<br>View Results     |
| IK PROM<br>AVI      |                             | Boosted Post<br>Yippee! Celebrate Car Free Day on Friday, Sept<br>Promoted by Go Greenman on Sep 12, 2018<br>Completed                              | 4,069<br>People Reached   | 415<br>Post Engagement    | \$187.50<br>Spent of \$187.50<br>View Results     |
|                     | A ATT                       | Boosted Post<br>On Friday, September 21 and/or Saturday, Sept<br>Promoted by Go Greenman on Sep 10, 2018<br>Completed                               | 3,726<br>People Reached   | 1,006<br>Post Engagement  | \$187.50<br>Spent of \$187.50<br>View Results     |
|                     | 11                          | Boosted Post<br>Walk to work on Friday, September 21 or to the<br>Promoted by Go Greenman on Sep 7, 2018<br>Completed                               | 3,992<br>People Reached   | 434<br>Post Engagement    | \$187.50<br>Spent of \$187.50<br>View Results     |
|                     |                             | Boosted Post<br>Gather your co-workers and carpool together on<br>Promoted by Go Greenman on Sep 5, 2018<br>Completed                               | 78,192<br>People Reached  | 32,056<br>Post Engagement | \$187.50<br>Spent of \$187.50<br>View Results     |
|                     | P IT                        | Website Promotion<br>http://www.carfreemetrodc.org/<br>Join millions all over the world and take the free<br>Promoted by Go Greenman on Sep 4, 2018 | 120,958<br>People Reached | 1,161<br>Link Clicks      | \$1,349.99<br>Spent at \$75.00 pe<br>View Results |

#### **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<br>Pledges | % of<br>Pledges | Miles<br>Saved on<br>CFD | % of<br>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

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<br>Pledge<br>Count | DC % | MD<br>Pledge<br>Count | MD<br>% | VA<br>Pledge<br>Count | VA % | Other<br>Pledge<br>Count | Other<br>% | Total<br>Pledge<br>Count | Total<br>Pledge<br>% |
|----------|-----------------------|------|-----------------------|---------|-----------------------|------|--------------------------|------------|--------------------------|----------------------|
| 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%                  |
|          | 670                   | 100% | 986                   | 100%    | 1,071                 | 100% | 43                       | 100%       | 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]

| Year | Car Free Day | Emissio | ons Rate | (grams/r | nile) | Emiss | ions (sh | ort tons | /day)   | CLRP            | AQ Model   |
|------|--------------|---------|----------|----------|-------|-------|----------|----------|---------|-----------------|------------|
| rear | Pledged VMT* | NOX     | VOC      | GHG      | PM2.5 | NOX   | VOC      | GHG      | PM2.5   | CERF            | AQ MOUEI   |
| 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 |                 | MOVES2014a |
| 2018 | 87,947       | 0.245   | 0.272    | 384.166  | 0.01  | 0.024 | 0.026    | 37.24    | 0.00097 | Visualize2045** | MOVES2014a |

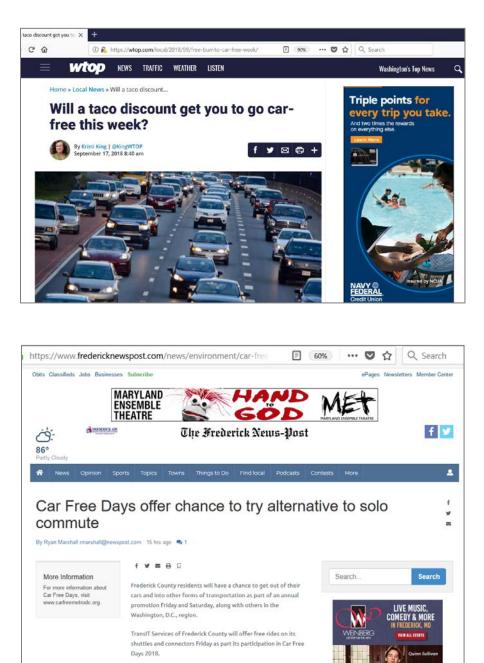
#### Table 1. Emissions Savings from 2013 to 2018 Car Free Day Program

\* 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.

\*\* 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.



Car Free Day 2018 Event Draft Recap – Washington, DC Metropolitan Region – May 21, 2019

work or run errands, Tiffany said.

a spokeswoman for TransIT.

The purpose is to help expose people to a different option for their commute, and take a break from driving alone, said Kendall Tiffany,

Part of the challenge in getting more people to use TransIT is

overcoming the sense that it will be less convenient when they

Don't worry about

how long it's been!

### **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          |  |  |  |  |  |  |
| //10/10 |                                   | <u>two days</u>  |  |  |  |  |  |  |
| 8/29/18 | issuu                             | Car-Centric to Car Free                                |  |  |  |  |  |  |
| 9/01/18 | CityScene                         | Celebrate Try Transit                                  |  |  |  |  |  |  |
| 5,01,10 |                                   | Week and Car-Free Day                                  |  |  |  |  |  |  |
| 9/05/18 | Montgomery County                 | Shop & Play the Easy Way                               |  |  |  |  |  |  |
| 9/07/18 | Gallaudet University              | <u>"Car Free Day" to take place Friday,</u>            |  |  |  |  |  |  |
|         |                                   | <u>September 21, 2018</u>                              |  |  |  |  |  |  |
| 9/07/18 | Arlington Transit                 | Free ART Bus Rides on September 20                     |  |  |  |  |  |  |
| 9/10/18 | Potomac Local                     | OmniRide encouraging participation in 'Try             |  |  |  |  |  |  |
|         |                                   | Transit Week' and 'Car Free Day'                       |  |  |  |  |  |  |
| 9/11/18 | Bristow Beat                      | <u>'Try Transit Week,' 'Car Free Day'</u>              |  |  |  |  |  |  |
|         |                                   | Encourages Driving Alternatives                        |  |  |  |  |  |  |
| 9/12/18 | Montgomery County MD              | MCDOT to Sponsor Special Car Free Day                  |  |  |  |  |  |  |
| 5,12,10 |                                   | <u>"Shop and Play" Celebration</u>                     |  |  |  |  |  |  |
| 9/14/18 | Prince William County<br>Virginia | Consider Going Car Free for a Day                      |  |  |  |  |  |  |
|         |                                   | Fairfax Commuters Encouraged to Give                   |  |  |  |  |  |  |
| 9/14/18 | Fairfax County                    | 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 this week? |  |  |  |  |  |  |
|         |                                   |  |  |  |  |  |  |  |
| 9/17/18 | WTOP                              | How to get a free bus ride in Arlington this 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<br>Washington     | Be carefree by being car-free                          |  |  |  |  |  |  |

| 9/18/18 American Heart        |                                       | American Heart Association Supports Car          |  |  |  |  |
|-------------------------------|---------------------------------------|--|--|--|--|--|
| 9/18/18                       | Association                           | Free Day to Create Heart Healthy Habits in<br>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<br>22nd   |  |  |  |  |
| 9/19/18                       | Herald Mail Media                     | TransIT encourages greener modes of              |  |  |  |  |
| 5/15/10                       |                                       | travel Friday and Saturday                       |  |  |  |  |
| 9/20/18                       | Mass Transit Magazine                 | MD: Car Free Days Offer Chance to Try            |  |  |  |  |
|                               |                                       | Alternative to Solo Commute                      |  |  |  |  |
| 9/20/18                       | Cultural Tourism DC                   | Pledge to Go Car Free and                        |  |  |  |  |
|                               |                                       | Join Us for Walking Town DC                      |  |  |  |  |
| 9/20/18                       | 94.7 Fresh FM                         | Watch Jen Try Scooters, Bikeshare & More         |  |  |  |  |
|                               |                                       | Modes of Transport for Car Free Day              |  |  |  |  |
| 9/23/18                       | Greater Greater                       | On Car-Free Day, residents yearn for the         |  |  |  |  |
|                               | Washington                            | Purple Line                                      |  |  |  |  |
|                               |                                       | evision Coverage                                 |  |  |  |  |
| 9/18/17                       | Prince George's                       | Car Free Day                                     |  |  |  |  |
|                               | Community Television                  | Radio Coverage                                   |  |  |  |  |
| 0/21/17                       | l l l l l l l l l l l l l l l l l l l |  |  |  |  |  |
| 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              | in                                    | 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                         |
| Severna 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.                     | Car Free Day                               |
| Mix 107.3                            | Car Free Day                               |
| WMAL                                 | Car Free Day                               |