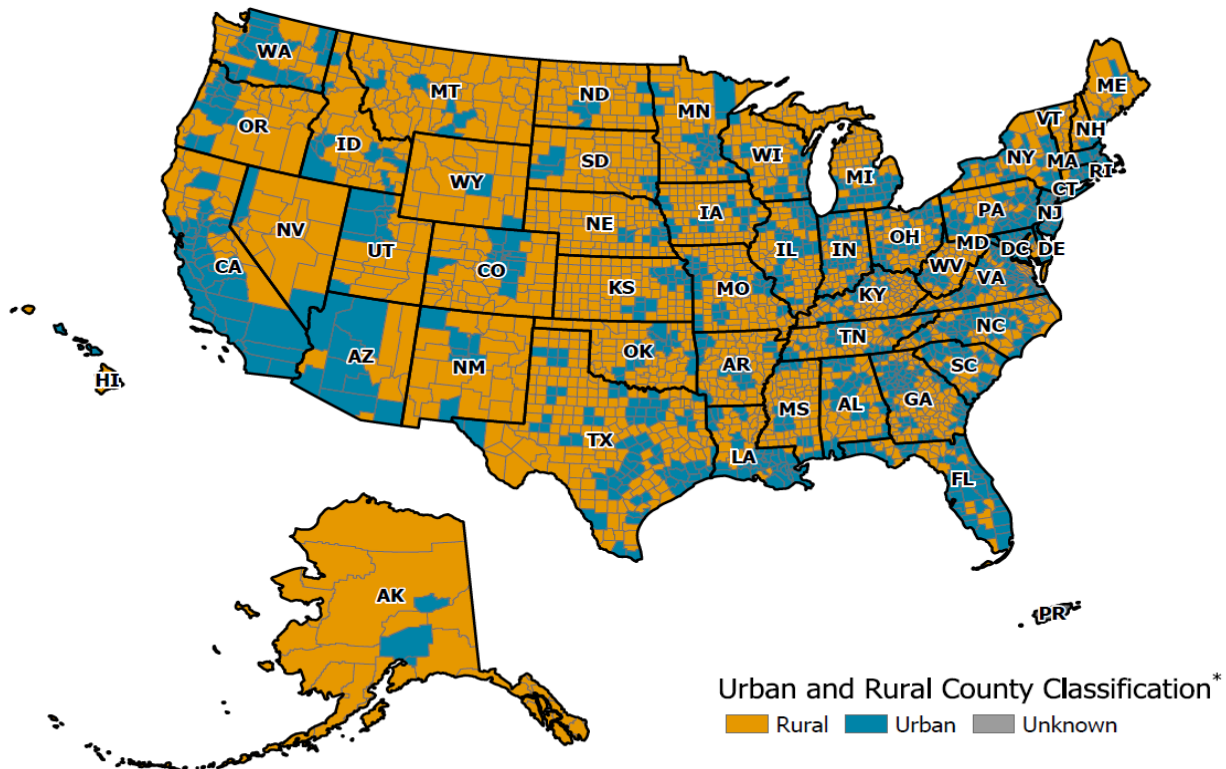


Program Effectiveness: Non-Influenza VFC Vaccine Doses Ordered via CDC's Vaccine Tracking System (VTrckS)

Washington

June – September 2021 Update

Urban and Rural Counties in the United States ¹



*Metropolitan and 'non-core' counties categorized as rural. (Source: 2013 National Center for Health Statistics urban rural classification for counties, https://www.cdc.gov/nchs/data_access/urban_rural.htm)

¹ Jurisdictions shown in this U.S. national map include the 50 states, District of Columbia, and Puerto Rico. These jurisdictions comprise national totals throughout this report.

November 2021

Dear Program Manager and Program Effectiveness Colleagues,

Strategies B1 and B2 of the Program Effectiveness chapter in the Immunization Program Operations Manual (IPOM) require identifying and addressing geographic areas or population subgroups with known or suspected low vaccination coverage. Even though formal PE requirements have been relaxed during the COVID-19 pandemic, CDC still views this work as a high priority, and with evidence of overall declines in VFC vaccine doses ordered and pediatric doses administered during the COVID-19 pandemic, it has taken on new significance.

Children who have fallen behind with routine vaccination during the pandemic continue to be of high concern. We want to ensure that children continue to get caught up quickly on their routine vaccination.

This report is similar to previous reports we have shared and includes VFC vaccine doses ordered information. Specifically, this report includes:

- 1) A map displaying percent change in non-influenza VFC doses ordered during the pandemic (January 2020-September 2021) compared to before the pandemic (January-December 2017-2019 average).¹ Data are presented by county, urbanicity, and across the jurisdiction.
- 2) A table displaying percent change in non-influenza VFC doses ordered during June-September 2021 compared to the June-September average for 2017-2019. Data are presented by county, urbanicity, and across the jurisdiction.
- 3) A table of monthly non-influenza VFC doses ordered January 2021 through September 2021. Data are presented by county, by urbanicity, and across the entire jurisdiction.
- 4) A bar graph displaying non-influenza VFC doses ordered by antigen for January-September 2021 compared to the January-September average for 2017-2019. Data are presented at the national and jurisdictional levels for antigen groups DTaP, HPV, MMR, ROTA, and Tdap.
- 5) Line graphs displaying cumulative non-influenza VFC doses ordered by antigen for January 2020-September 2021 and the January-December average for 2017-2019.¹ Data are presented for all non-influenza VFC antigens as well as antigen groups DTaP, HPV, MMR, ROTA, and Tdap.

We strongly recommend sharing this report widely, both within your health department (including with leadership) and with partners, such as local health departments, Vaccines for Children (VFC) providers, immunization coalitions, local American Academy of Pediatrics (AAP) chapter, and the department of education. We are hoping that by being able to identify local areas where VFC vaccine doses ordered are particularly low relative to before the pandemic, targeted outreach to the community, local public health, specific providers, etc., could occur and technical assistance could be offered, as appropriate.

We would appreciate feedback about this report's usefulness and how subsequent reports can be modified and improved to be most useful to you and your program. Please contact the Program Effectiveness team at ipomb1b2@cdc.gov, copying your Program Operations Branch project officer, if you have feedback or suggestions on how we can improve these reports.

As always, please reach out to the Program Effectiveness team if you have any questions or concerns or if you would like to request technical assistance.

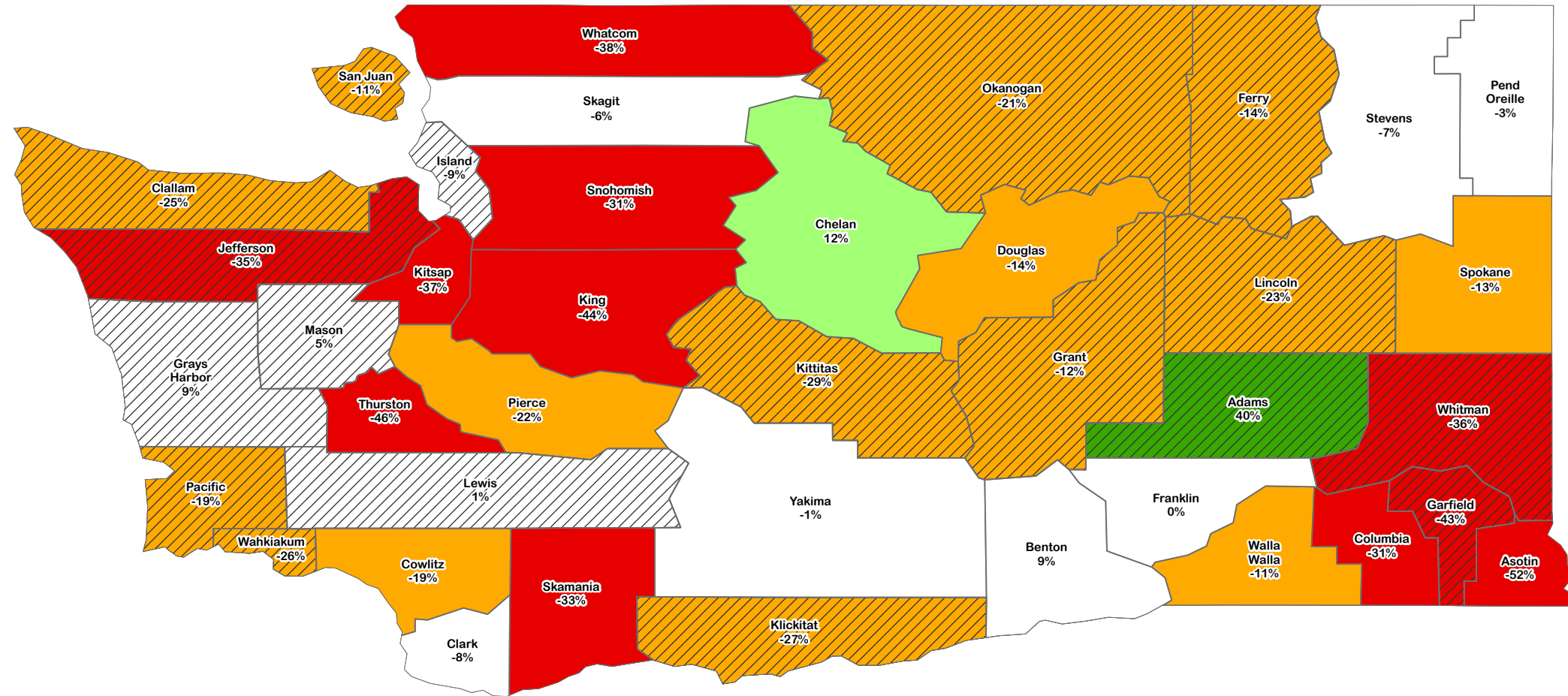
Thank you for all you continue to do to keep our communities safe from vaccine-preventable diseases.

Sincerely,

The Program Effectiveness Team
ipomb1b2@cdc.gov

¹ Two time periods are included in the figure(s): (1) the base period, which is 2017-2019 plus corresponding 2017-2019 months to match the pandemic period, and (2) the pandemic period, which is 2020 plus 2021 months. For example, this figure compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

County-level Percent Change in Non-flu VFC Doses Ordered, January 2020-September 2021 Compared with January-December 2017-2019 Average -- Washington^{1,2}



Percent Change in Non-flu VFC Doses Ordered



¹Two time periods are included in this map: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this map compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

²VFC doses ordered by VFC program-enrolled providers are included. (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the Vaccines for Children (VFC) program, <https://www.cdc.gov/vaccines/programs/vtrcks/index.html>)

³'Micropolitan' and 'non-core' counties categorized as rural. (Source: 2013 National Center for Health Statistics urban rural classification for counties, https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf)

**County-level Percent Change in Non-Influenza VFC Doses Ordered,
June - September 2021 Compared with June - September 2017 - 2019 Average
-- Washington^{1,2}**

| | | Non-Influenza VFC Doses Ordered | | |
|---------------------|------------|---|--------------------------|--|
| County Name | Urbanicity | June - September 2017 - 2019 Average | June - September 2021 | Percent change, 2021 to Avg17-19 ³ |
| Adams County | Rural | 3,143 | 3,909 | 24% |
| Asotin County | Urban | 222 | 268 | 21% |
| Benton County | Urban | 16,848 | 16,424 | -3% |
| Chelan County | Urban | 7,995 | 8,243 | 3% |
| Clallam County | Rural | 3,329 | 2,237 | -33% |
| Clark County | Urban | 22,360 | 24,301 | 9% |
| Columbia County | Urban | 135 | 58 | -57% |
| Cowlitz County | Urban | 7,004 | 5,780 | -17% |
| Douglas County | Urban | 1,652 | 1,178 | -29% |
| Ferry County | Rural | 239 | 292 | 22% |
| Franklin County | Urban | 7,503 | 9,183 | 22% |
| Garfield County | Rural | 70 | 42 | -40% |
| Grant County | Rural | 9,312 | 9,128 | -2% |
| Grays Harbor County | Rural | 3,814 | 3,877 | 2% |
| Island County | Rural | 2,079 | 2,094 | 1% |
| Jefferson County | Rural | 896 | 798 | -11% |
| King County | Urban | 167,925 | 117,766 | -30% |
| Kitsap County | Urban | 13,019 | 10,066 | -23% |
| Kittitas County | Rural | 2,185 | 1,796 | -18% |
| Klickitat County | Rural | 863 | 676 | -22% |
| Lewis County | Rural | 5,310 | 4,121 | -22% |
| Lincoln County | Rural | 360 | 119 | -67% |
| Mason County | Rural | 2,843 | 2,664 | -6% |

¹ Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers. Source is CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program.

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>.

² Classification of urban (metropolitan) or rural (nonmetropolitan) was based on the 2013 National Center for Health Statistics Urban/Rural Classification Scheme for Counties.

https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf

³ Percent change in non-flu VFC doses ordered: >30% Decrease; 10% to 30% Decrease; <10% change (white); 10% to 30% increase; > 30% increase; Zero doses ordered June - September 2021

**County-level Percent Change in Non-Influenza VFC Doses Ordered,
June - September 2021 Compared with June - September 2017 - 2019 Average
-- Washington^{1,2}**

| | | Non-Influenza VFC Doses Ordered | | |
|-------------------------------|--------------|---|--------------------------|--|
| County Name | Urbanicity | June - September 2017 - 2019 Average | June - September 2021 | Percent change, 2021 to Avg17-19 ³ |
| Okanogan County | Rural | 3,654 | 2,989 | -18% |
| Pacific County | Rural | 488 | 476 | -3% |
| Pend Oreille County | Urban | 544 | 578 | 6% |
| Pierce County | Urban | 57,113 | 47,599 | -17% |
| San Juan County | Rural | 480 | 536 | 12% |
| Skagit County | Urban | 11,232 | 9,563 | -15% |
| Skamania County | Urban | 472 | 269 | -43% |
| Snohomish County | Urban | 40,458 | 27,813 | -31% |
| Spokane County | Urban | 33,753 | 31,809 | -6% |
| Stevens County | Urban | 2,263 | 1,482 | -35% |
| Thurston County | Urban | 18,160 | 9,220 | -49% |
| Wahkiakum County | Rural | 158 | 69 | -56% |
| Walla Walla County | Urban | 3,744 | 3,836 | 2% |
| Whatcom County | Urban | 14,267 | 8,756 | -39% |
| Whitman County | Rural | 2,084 | 1,659 | -20% |
| Yakima County | Urban | 26,908 | 24,485 | -9% |
| Rural Subtotal | Rural | 41,307 | 37,482 | -9% |
| Urban Subtotal | Urban | 453,579 | 358,677 | -21% |
| Washington Grand Total | Both | 494,886 | 396,159 | -20% |
| US Grand Total | Both | 20,936,601 | 19,873,100 | -5% |

1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers. Source is CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program.

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>.

2 Classification of urban (metropolitan) or rural (nonmetropolitan) was based on the 2013 National Center for Health Statistics Urban/Rural Classification Scheme for Counties.

https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf

3 Percent change in non-flu VFC doses ordered: >30% Decrease; 10% to 30% Decrease; <10% change (white); 10% to 30% increase; > 30% increase; Zero doses ordered June - September 2021

Monthly Non-Influenza VFC Doses Ordered by County, January - September 2021 -- Washington^{1,2}

| County Name | Urbanicity | 2020 Total Doses | Non-Influenza VFC 2021 Doses Ordered | | | | | | | | |
|---------------------|------------|------------------|--------------------------------------|----------|--------|--------|--------|--------|--------|--------|-----------|
| | | | January | February | March | April | May | June | July | August | September |
| Adams County | Rural | 9,283 | 1,310 | 617 | 604 | 1,516 | 86 | 440 | 1,385 | 984 | 1,100 |
| Asotin County | Urban | 394 | 15 | 0 | 51 | 61 | 36 | 85 | 97 | 0 | 86 |
| Benton County | Urban | 49,611 | 3,912 | 4,208 | 4,300 | 3,609 | 5,784 | 3,716 | 3,945 | 3,574 | 5,189 |
| Chelan County | Urban | 22,139 | 1,686 | 1,253 | 2,615 | 3,505 | 1,826 | 1,579 | 872 | 2,967 | 2,825 |
| Clallam County | Rural | 6,647 | 227 | 623 | 134 | 744 | 307 | 439 | 889 | 643 | 266 |
| Clark County | Urban | 45,751 | 4,752 | 4,878 | 3,251 | 6,571 | 3,241 | 3,390 | 5,019 | 7,407 | 8,485 |
| Columbia County | Urban | 123 | 134 | 0 | 0 | 0 | 40 | 0 | 0 | 11 | 47 |
| Cowlitz County | Urban | 13,689 | 1,200 | 1,578 | 744 | 1,439 | 1,383 | 1,247 | 1,498 | 1,138 | 1,897 |
| Douglas County | Urban | 3,345 | 0 | 283 | 248 | 841 | 345 | 354 | 410 | 0 | 414 |
| Ferry County | Rural | 438 | 0 | 8 | 67 | 0 | 0 | 56 | 86 | 62 | 88 |
| Franklin County | Urban | 16,698 | 3,201 | 632 | 2,248 | 1,382 | 2,012 | 1,989 | 3,181 | 1,156 | 2,857 |
| Garfield County | Rural | 58 | 0 | 0 | 26 | 0 | 0 | 42 | 0 | 0 | 0 |
| Grant County | Rural | 18,891 | 2,362 | 1,430 | 2,882 | 2,851 | 655 | 1,444 | 1,993 | 2,337 | 3,354 |
| Grays Harbor County | Rural | 10,941 | 1,451 | 622 | 635 | 1,587 | 347 | 849 | 1,213 | 1,162 | 653 |
| Island County | Rural | 4,634 | 624 | 387 | 579 | 631 | 402 | 401 | 722 | 316 | 655 |
| Jefferson County | Rural | 1,295 | 69 | 178 | 93 | 97 | 222 | 150 | 138 | 354 | 156 |
| King County | Urban | 213,430 | 17,865 | 15,494 | 18,774 | 25,536 | 17,028 | 18,911 | 25,728 | 35,053 | 38,074 |
| Kitsap County | Urban | 19,283 | 1,086 | 2,836 | 931 | 2,500 | 427 | 2,931 | 3,086 | 2,045 | 2,004 |
| Kittitas County | Rural | 3,963 | 433 | 245 | 184 | 487 | 288 | 398 | 397 | 391 | 610 |
| Klickitat County | Rural | 1,462 | 18 | 339 | 77 | 169 | 0 | 18 | 16 | 351 | 291 |
| Lewis County | Rural | 14,104 | 761 | 946 | 1,797 | 1,297 | 440 | 1,011 | 881 | 1,157 | 1,072 |
| Lincoln County | Rural | 834 | 104 | 24 | 10 | 256 | 0 | 0 | 83 | 36 | 0 |
| Mason County | Rural | 7,982 | 260 | 481 | 547 | 815 | 993 | 635 | 527 | 555 | 947 |
| Okanogan County | Rural | 7,429 | 178 | 504 | 668 | 845 | 308 | 906 | 373 | 1,457 | 253 |
| Pacific County | Rural | 1,303 | 122 | 0 | 119 | 110 | 101 | 34 | 51 | 326 | 65 |

¹ Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers. Source is CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program. <https://www.cdc.gov/vaccines/programs/vtrcks/index.html>.

² Classification of urban (metropolitan) or rural (nonmetropolitan) was based on the 2013 National Center for Health Statistics Urban/Rural Classification Scheme for Counties. https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf

Monthly Non-Influenza VFC Doses Ordered by County, January - September 2021 -- Washington^{1,2}

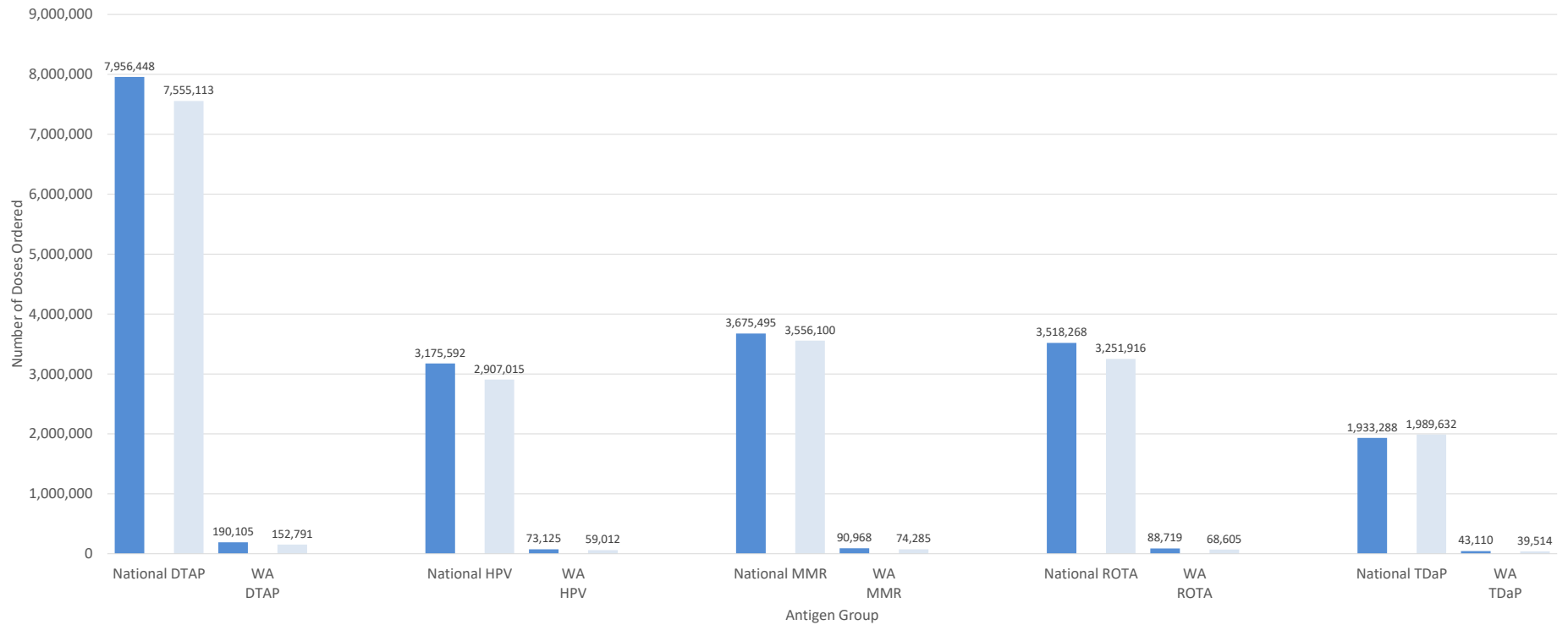
| | | | Non-Influenza VFC 2021 Doses Ordered | | | | | | | | |
|-------------------------------|--------------|------------------|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| County Name | Urbanicity | 2020 Total Doses | January | February | March | April | May | June | July | August | September |
| Pend Oreille County | Urban | 1,446 | 129 | 10 | 9 | 134 | 36 | 256 | 298 | 24 | 0 |
| Pierce County | Urban | 109,961 | 10,087 | 8,323 | 10,986 | 10,906 | 7,657 | 9,496 | 12,171 | 10,871 | 15,061 |
| San Juan County | Rural | 1,105 | 176 | 12 | 17 | 192 | 235 | 0 | 223 | 224 | 89 |
| Skagit County | Urban | 23,710 | 2,978 | 1,725 | 2,213 | 1,851 | 2,013 | 1,678 | 2,333 | 2,464 | 3,088 |
| Skamania County | Urban | 533 | 222 | 0 | 48 | 0 | 47 | 53 | 168 | 10 | 38 |
| Snohomish County | Urban | 70,321 | 5,651 | 5,173 | 6,529 | 7,380 | 5,509 | 3,830 | 6,660 | 8,116 | 9,207 |
| Spokane County | Urban | 73,541 | 5,138 | 5,788 | 5,797 | 8,120 | 3,985 | 7,156 | 7,879 | 7,646 | 9,128 |
| Stevens County | Urban | 4,107 | 394 | 218 | 628 | 92 | 1,044 | 253 | 539 | 554 | 136 |
| Thurston County | Urban | 26,288 | 975 | 2,506 | 1,634 | 3,036 | 1,506 | 2,034 | 2,601 | 2,372 | 2,213 |
| Wahkiakum County | Rural | 184 | 0 | 90 | 0 | 0 | 0 | 0 | 69 | 0 | 0 |
| Walla Walla County | Urban | 8,303 | 1,001 | 907 | 1,165 | 1,057 | 314 | 906 | 975 | 1,075 | 880 |
| Whatcom County | Urban | 23,179 | 866 | 760 | 2,310 | 1,639 | 2,339 | 774 | 3,440 | 1,790 | 2,752 |
| Whitman County | Rural | 3,868 | 331 | 173 | 147 | 281 | 287 | 505 | 246 | 537 | 371 |
| Yakima County | Urban | 65,465 | 2,197 | 5,736 | 6,285 | 5,785 | 4,675 | 3,184 | 5,933 | 9,863 | 5,505 |
| Rural Subtotal | Rural | 94,421 | 8,426 | 6,679 | 8,586 | 11,878 | 4,671 | 7,328 | 9,292 | 10,892 | 9,970 |
| Urban Subtotal | Urban | 791,317 | 63,489 | 62,308 | 70,766 | 85,444 | 61,247 | 63,822 | 86,833 | 98,136 | 109,886 |
| Washington Grand Total | Both | 885,738 | 71,915 | 68,987 | 79,352 | 97,322 | 65,918 | 71,150 | 96,125 | 109,028 | 119,856 |

¹ Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers. Source is CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program. <https://www.cdc.gov/vaccines/programs/vtrcks/index.html>.

² Classification of urban (metropolitan) or rural (nonmetropolitan) was based on the 2013 National Center for Health Statistics Urban/Rural Classification Scheme for Counties. https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf

Non-Influenza VFC (1) Antigen Doses Ordered (2) , 2021 Compared with 2017-2019 Average for Months January - September -- National Compared to Washington

■ Average Total Doses (2017-2019) ■ Total Doses (2021)



| | | | | | | | | | | |
|--|------------|-------------|-------------|-------------|------------|-------------|------------|-------------|-----------|-------------|
| % Total Change from CY Avg:17 -19 to CY21 | -5% | -20% | -8% | -19% | -3% | -18% | -8% | -23% | 3% | -8% |
| % Urban Change from CY Avg:17 -19 to CY21 (3) | -5% | -21% | -8% | -20% | -4% | -19% | -8% | -25% | 3% | -10% |
| % Rural Change from CY Avg:17 -19 to CY21 (3) | -5% | -3% | -11% | -8% | -1% | -9% | -5% | 1% | 3% | 9% |

1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program).

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen containing vaccines as follows: DTAP (DTAP, DTAP-IPV, DTAP-IPV-HEPB, DTAP-IPV-HIB); HPV (HPV); MMR (MMR, MMR-V); ROTA (ROTA); Tdap (Tdap).

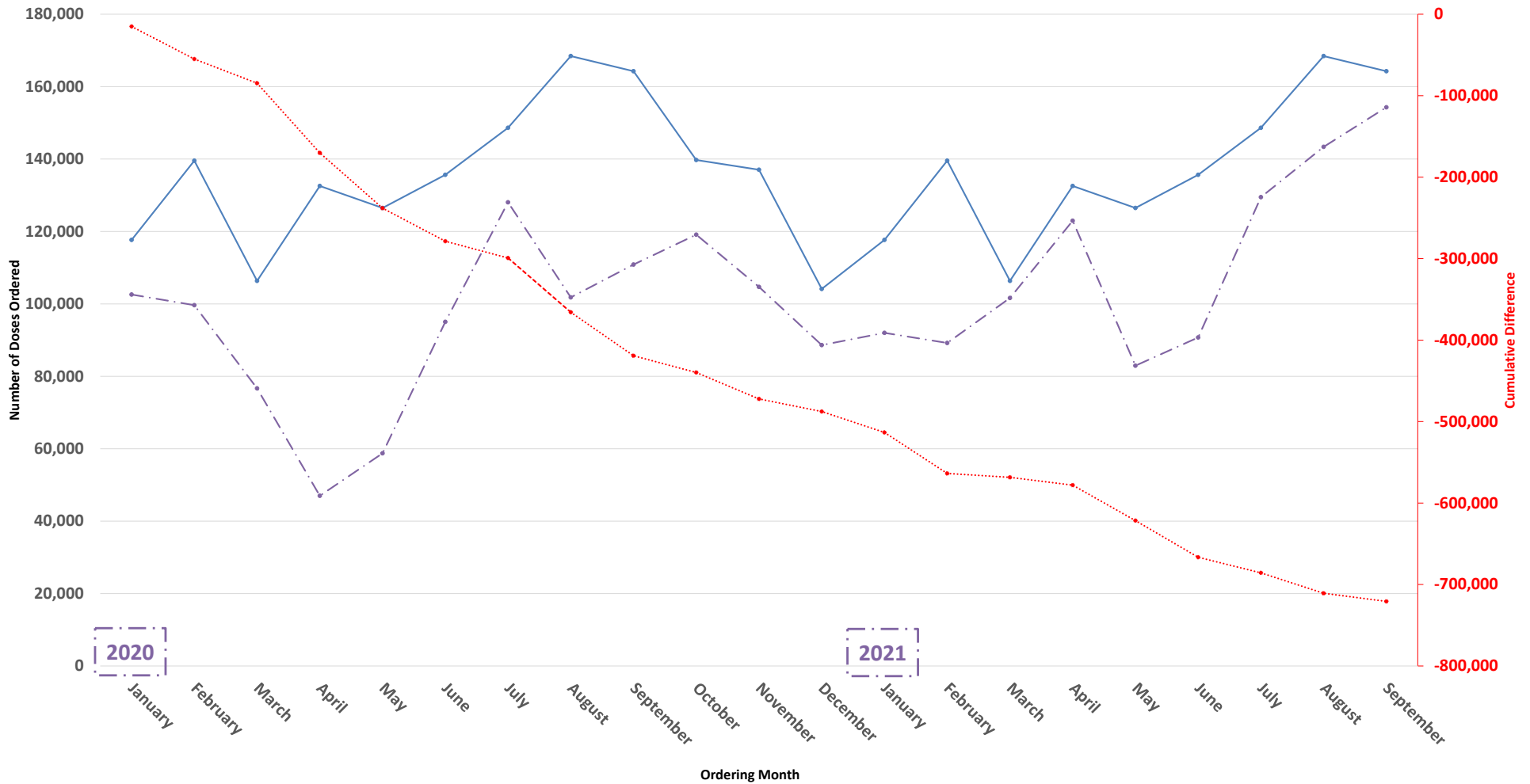
3 Urbanicity is available for states only. Classification of urban (metropolitan) or rural (nonmetropolitan) is based on the 2013 National Center for Health Statistics Urban "Rural Classification Scheme for Counties".

https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf

All Non-Influenza VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Washington

—●— Average Monthly Doses (2017-2019)
 - - -●- - - Monthly Doses (2020-2021)
 - - -●- - - Cumulative Difference

Ending Cumulative Difference:
-720,713 (-28%)



1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrcks vaccine ordering system, which is used by providers enrolled in the VFC program).

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

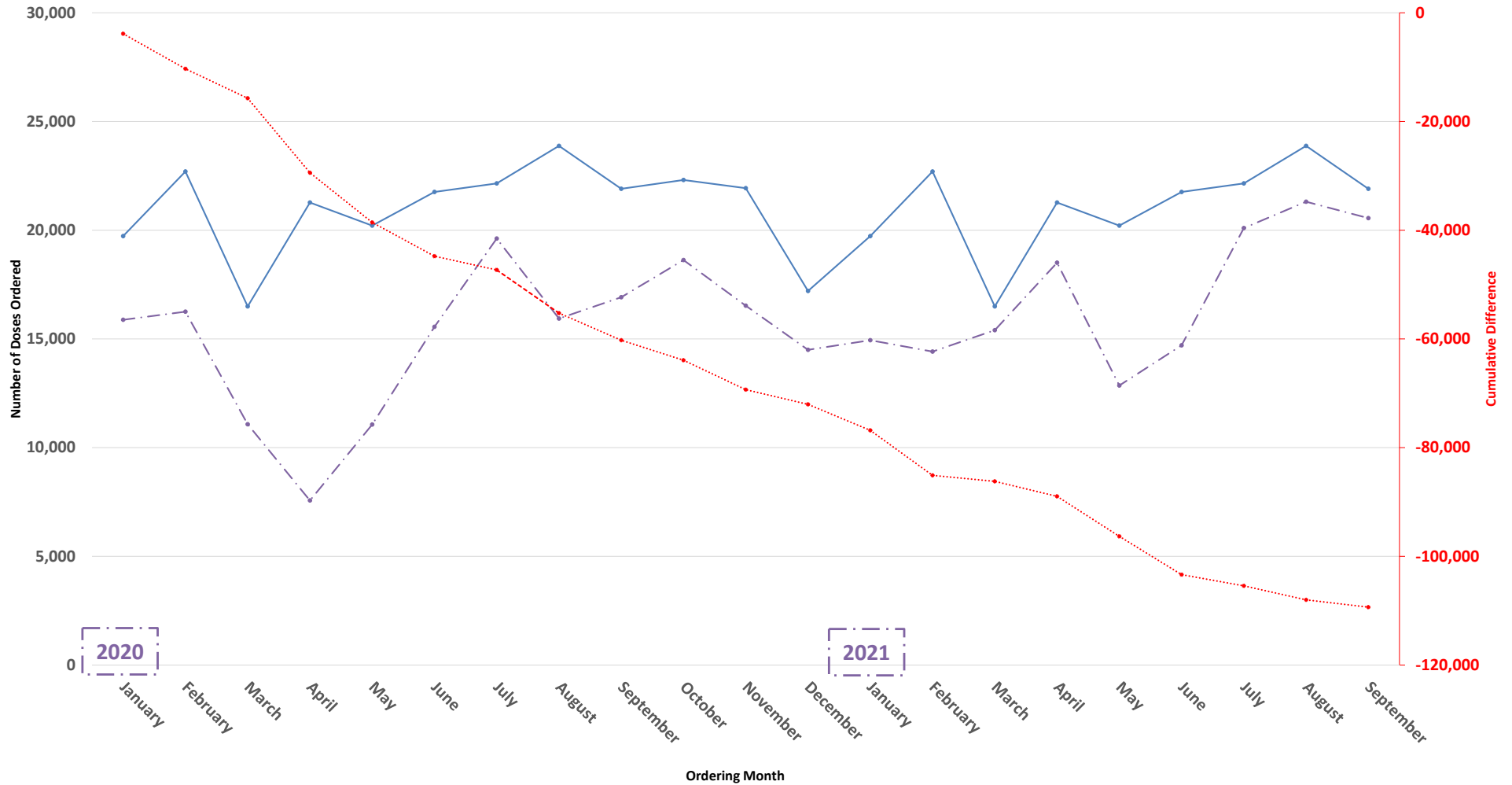
2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: DTAP (DTAP, DTAP-IPV, DTAP-IPV-HEPB, DTAP-IPV-HIB); HEP A (HEP A, HEP AB); HEP B (DTAP-IPV-HEPB, HEP AB, HEP B); HIB (DTAP-IPV-HIB, HIB); HPV (HPV); IPV (DTAP-IPV, DTAP-IPV-HEPB, DTAP-IPV-HIB, IPV); MCV4 (MCV4); MENB (MENB); MMR (MMR, MMR-V); PCV13 (PCV13), PPV23 (PPV23); ROTA (ROTA); TD (TD); TDAP (TDAP); VAR (MMR-V, VAR).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

DTAP VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Washington

— Average Monthly Doses (2017-2019) - - - Monthly Doses (2020-2021) ··· Cumulative Difference

**Ending Cumulative Difference:
-109,347 (-27%)**



1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program).

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

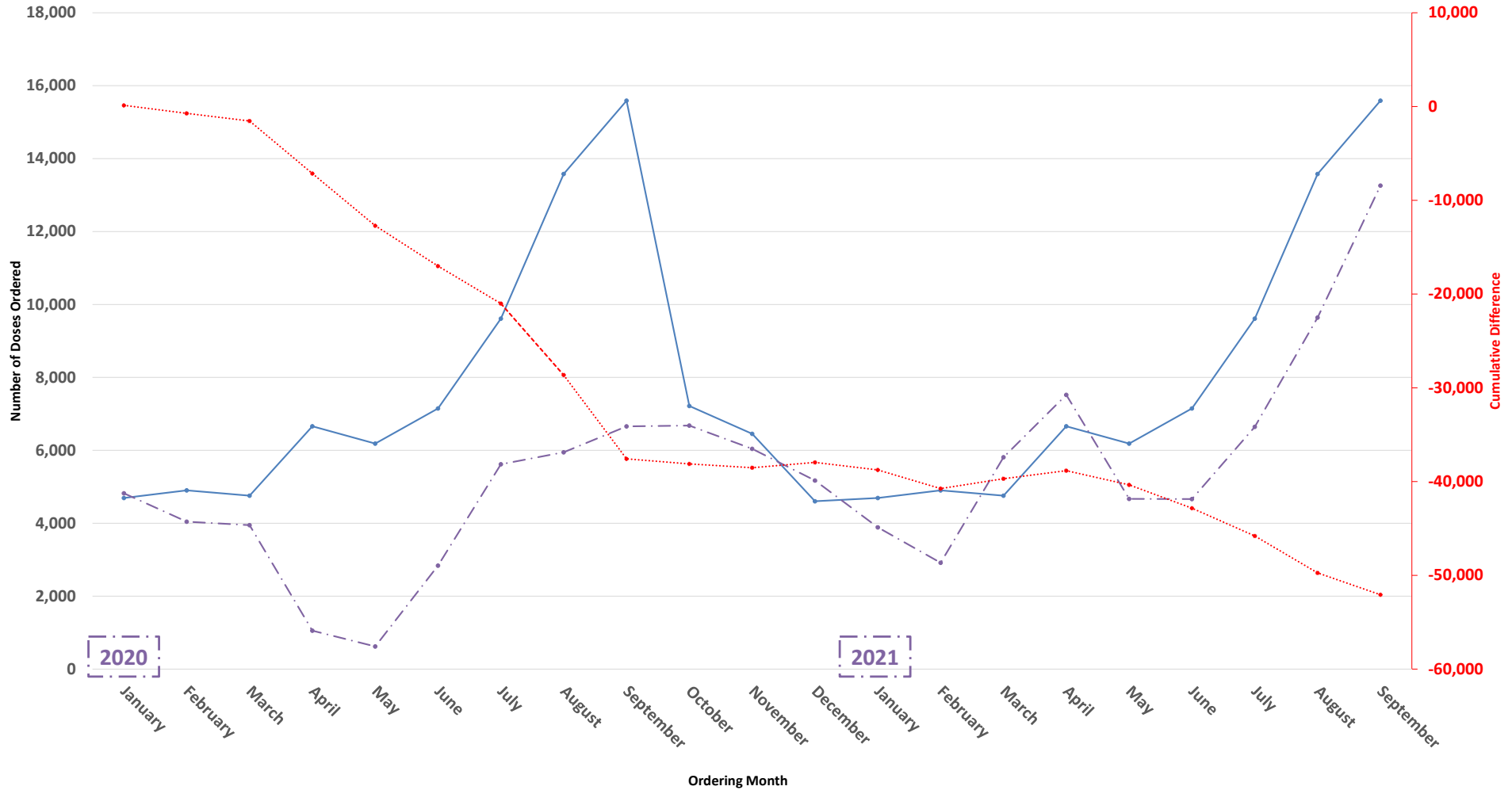
2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: DTAP (DTAP, DTAP-IPV, DTAP-IPV-HEPB, DTAP-IPV-HIB).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

HPV VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Washington

— Average Monthly Doses (2017-2019) - - - Monthly Doses (2020-2021) ··· Cumulative Difference

Ending Cumulative Difference:
-52,070 (-34%)



1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program).

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

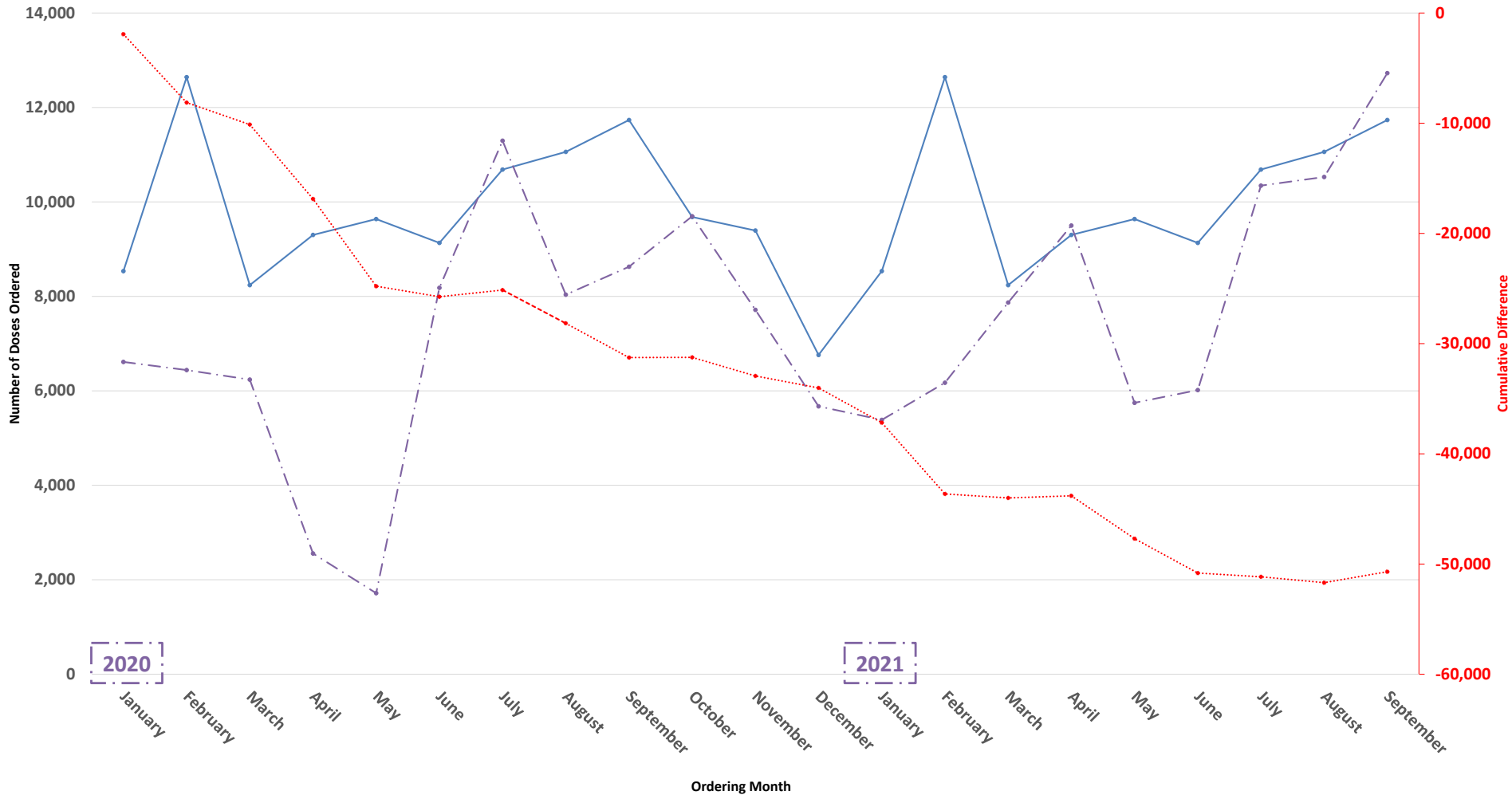
2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: HPV (HPV).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

MMR VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Washington

— Average Monthly Doses (2017-2019) - - - Monthly Doses (2020-2021) ··· Cumulative Difference

Ending Cumulative Difference:
-50,702 (-29%)



1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program). <http://www.cdc.gov/vaccines/programs/vtrcks/index.html>

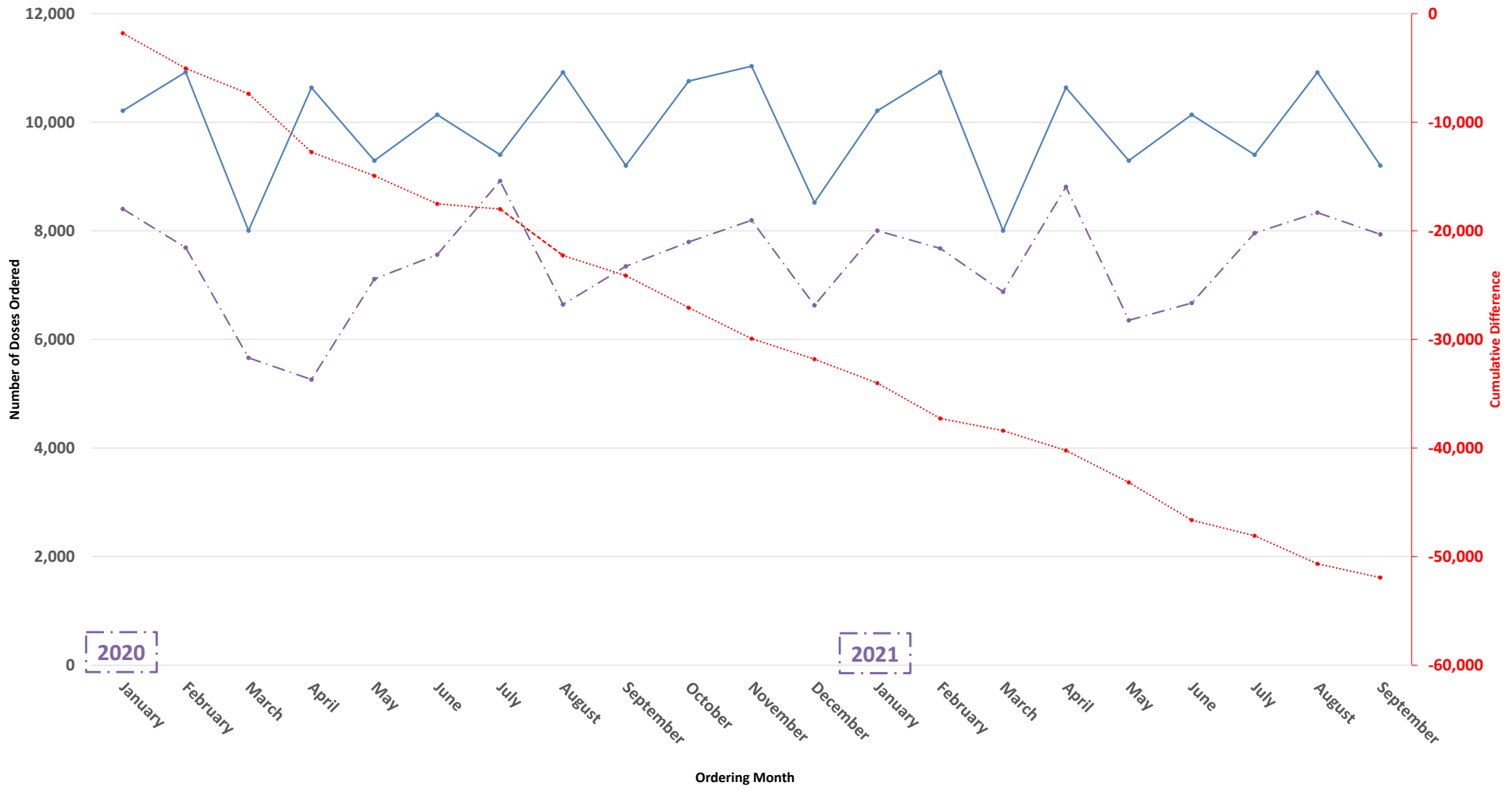
2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: MMR (MMR, MMR-V).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

ROTA VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Washington

— Average Monthly Doses (2017-2019) - - - Monthly Doses (2020-2021) ··· Cumulative Difference

Ending Cumulative Difference:
-51,937 (-26%)



1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program).

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

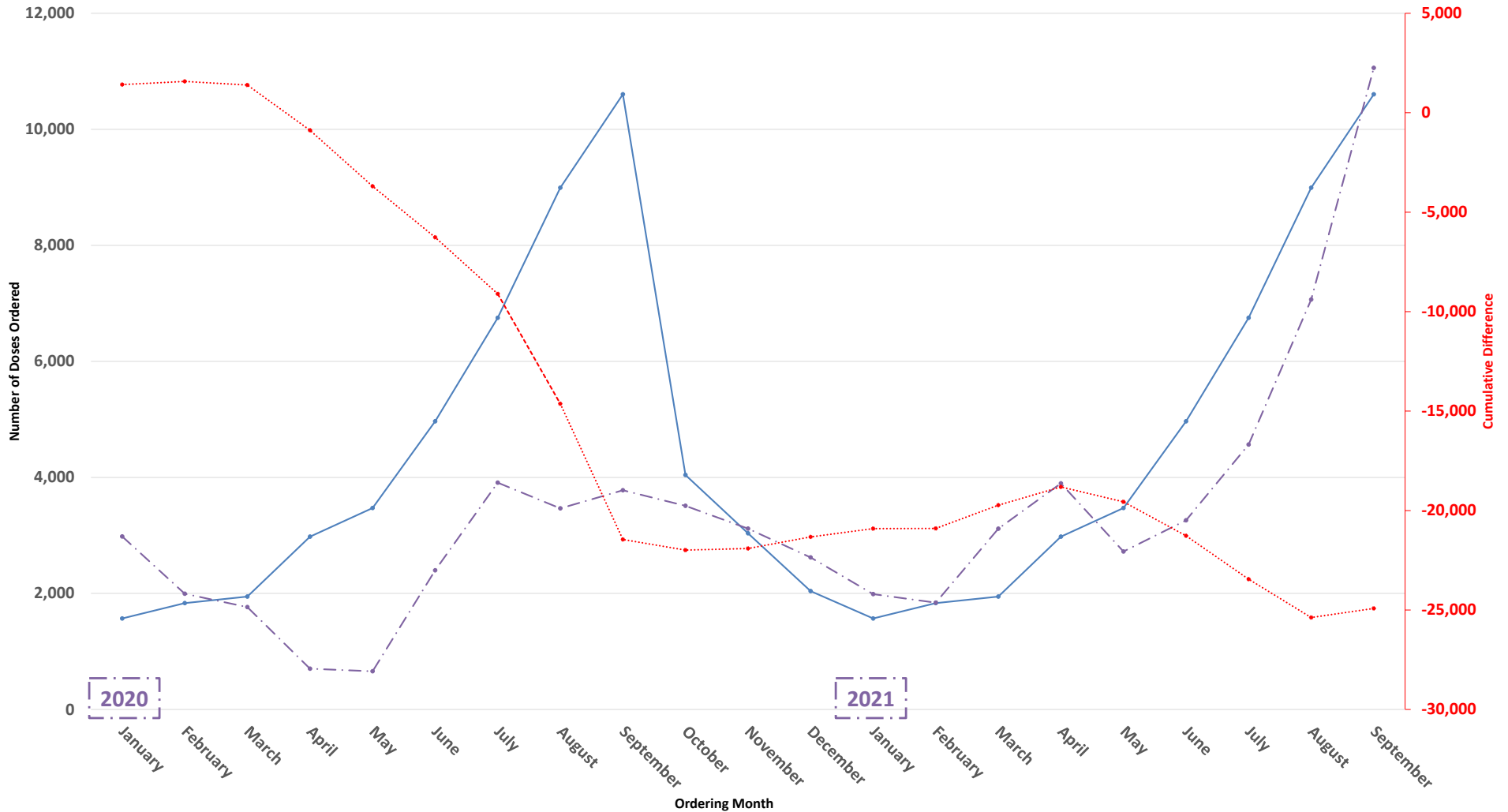
2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: ROTA (ROTA).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

Tdap VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Washington

— Average Monthly Doses (2017-2019) - - - Monthly Doses (2020-2021) ···· Cumulative Difference

Ending Cumulative Difference:
-24,922 (-31%)



1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrcks vaccine ordering system, which is used by providers enrolled in the VFC program).
<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: Tdap (Tdap).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).