



Strategies for Immunizing During COVID-19



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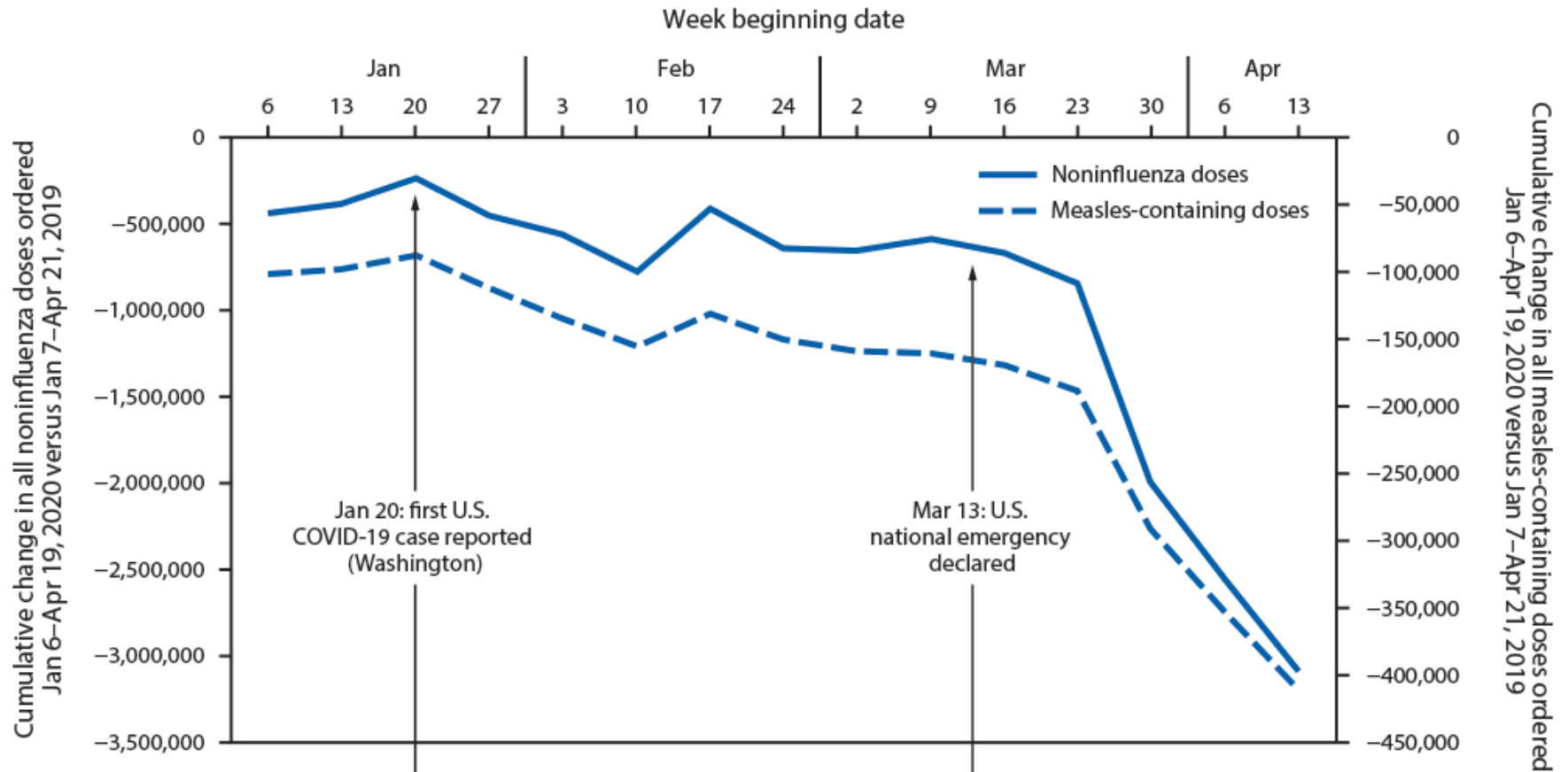
Childhood Immunizations Save Lives

DISEASE	PRE-VACCINE ERA ESTIMATED ANNUAL MORBIDITY ¹	MOST RECENT REPORTS OR ESTIMATES OF U.S. CASES	PERCENT DECREASE
Diphtheria	21,053	1 ²	>99%
<i>H. influenzae</i> (invasive, <5 years of age)	20,000	33 ^{2,3}	>99%
Hepatitis A	117,333	4,000 ⁴	97%
Hepatitis B (acute)	66,232	20,900 ⁴	68%
Measles	530,217	273 ²	>99%
Meningococcal disease	2,886 ⁵	340 ²	88%
Mumps	162,344	2,251 ²	99%
Pertussis	200,752	13,439 ²	93%
Pneumococcal disease (invasive, <5 years of age)	16,069	1,700 ⁶	89%
Polio (paralytic)	16,316	0 ²	100%
Rotavirus (hospitalizations, <3 years of age)	62,500 ⁷	30,625 ⁸	51%
Rubella	47,745	5 ²	>99%
Congenital Rubella Syndrome	152	0 ²	100%
Smallpox	29,005	0 ²	100%
Tetanus	580	20 ²	97%
Varicella	4,085,120	102,128 ⁹	98%

Accessed from: <https://www.immunize.org/catg.d/p4037.pdf> on 07/27/2020.

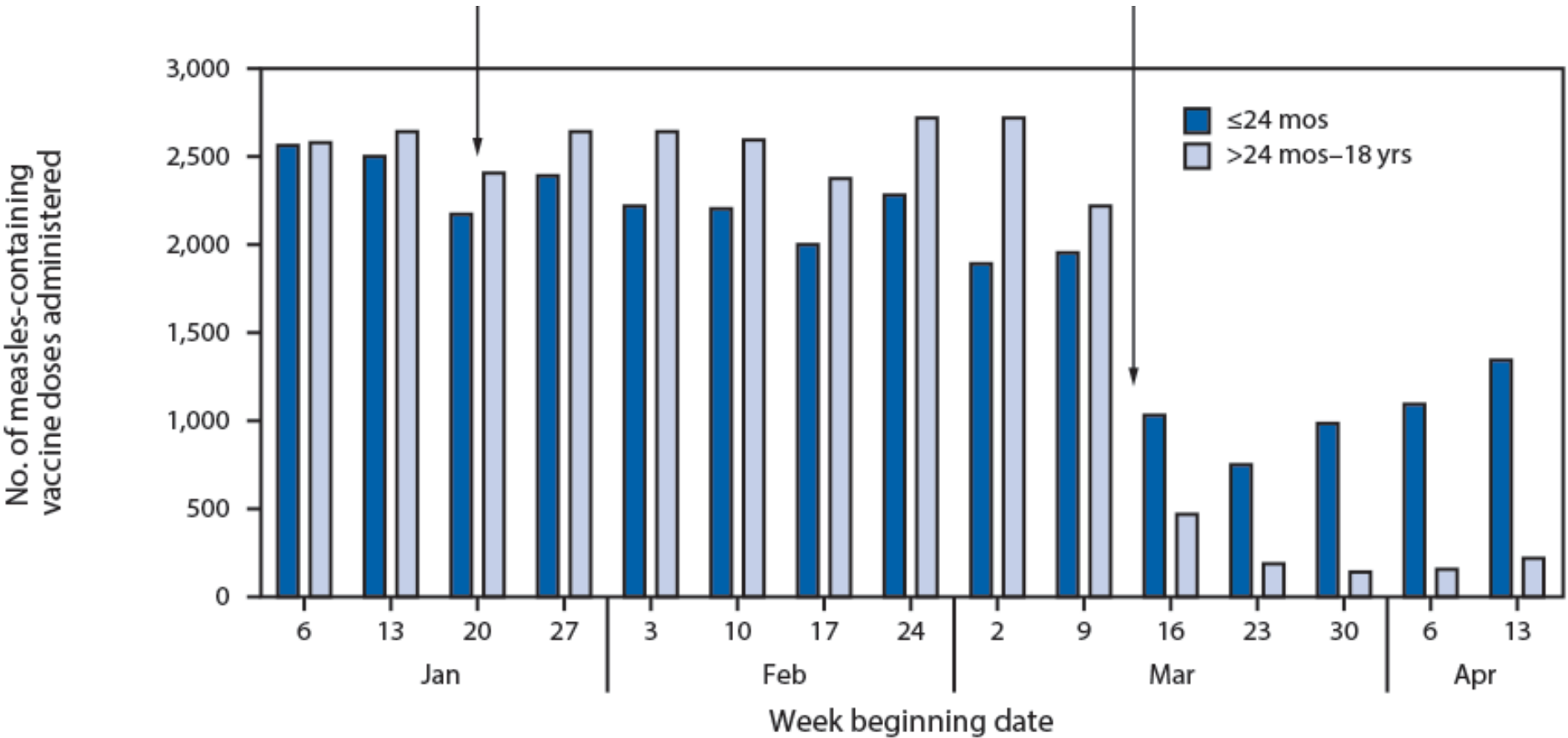
Immunization Impact of COVID-19

FIGURE. Weekly changes in Vaccines for Children Program (VFC) provider orders* and Vaccine Safety Datalink (VSD) doses administered† for routine pediatric vaccines — United States, January 6–April 19, 2022



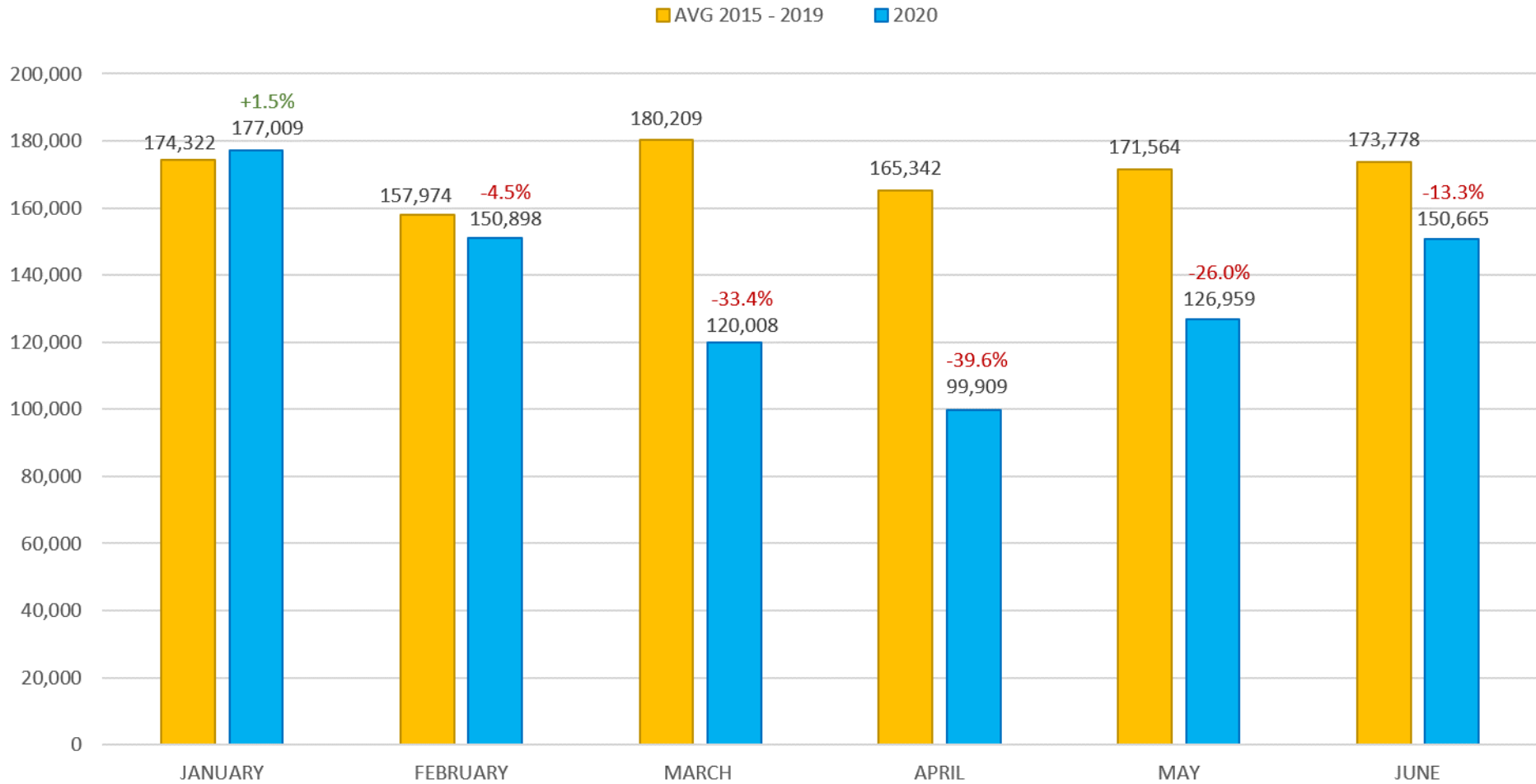
* VFC data represent the difference in cumulative doses of VFC-funded non-influenza and measles-containing vaccines ordered by health care providers at weekly intervals between Jan 7–Apr 21, 2019, and Jan 6–Apr 19, 2020. Accessed from <http://dx.doi.org/10.15585/mmwr.mm6919e2> on 07/27/2020.

Vaccine For Children National Data



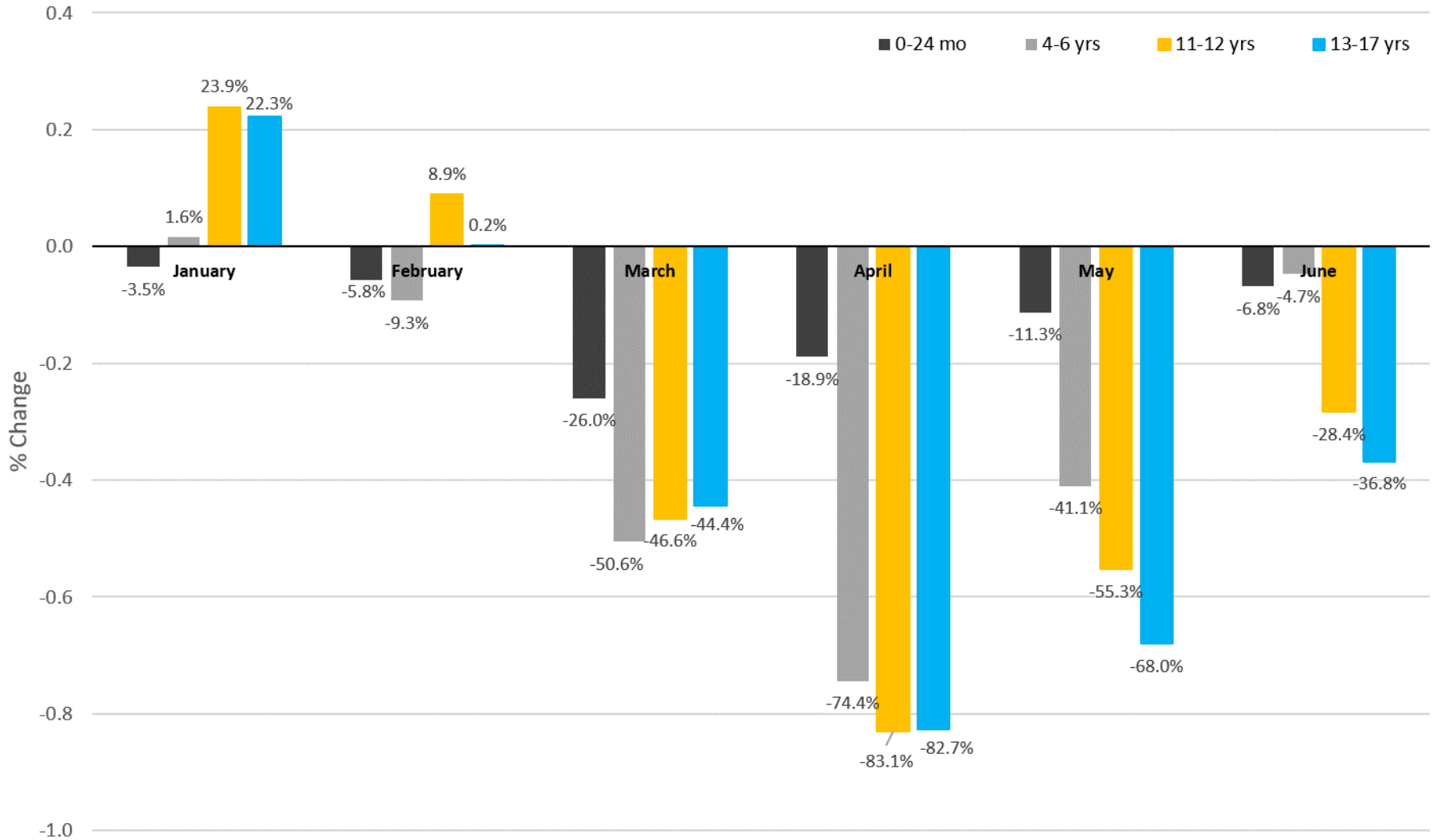
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Monthly Vaccines Administered for Individuals 0 through 18 years old in Washington State Comparing Average Number in 2015-2019 with 2020



Data source: WA State Immunization Information System; all vaccines reported as of 7/14/2020

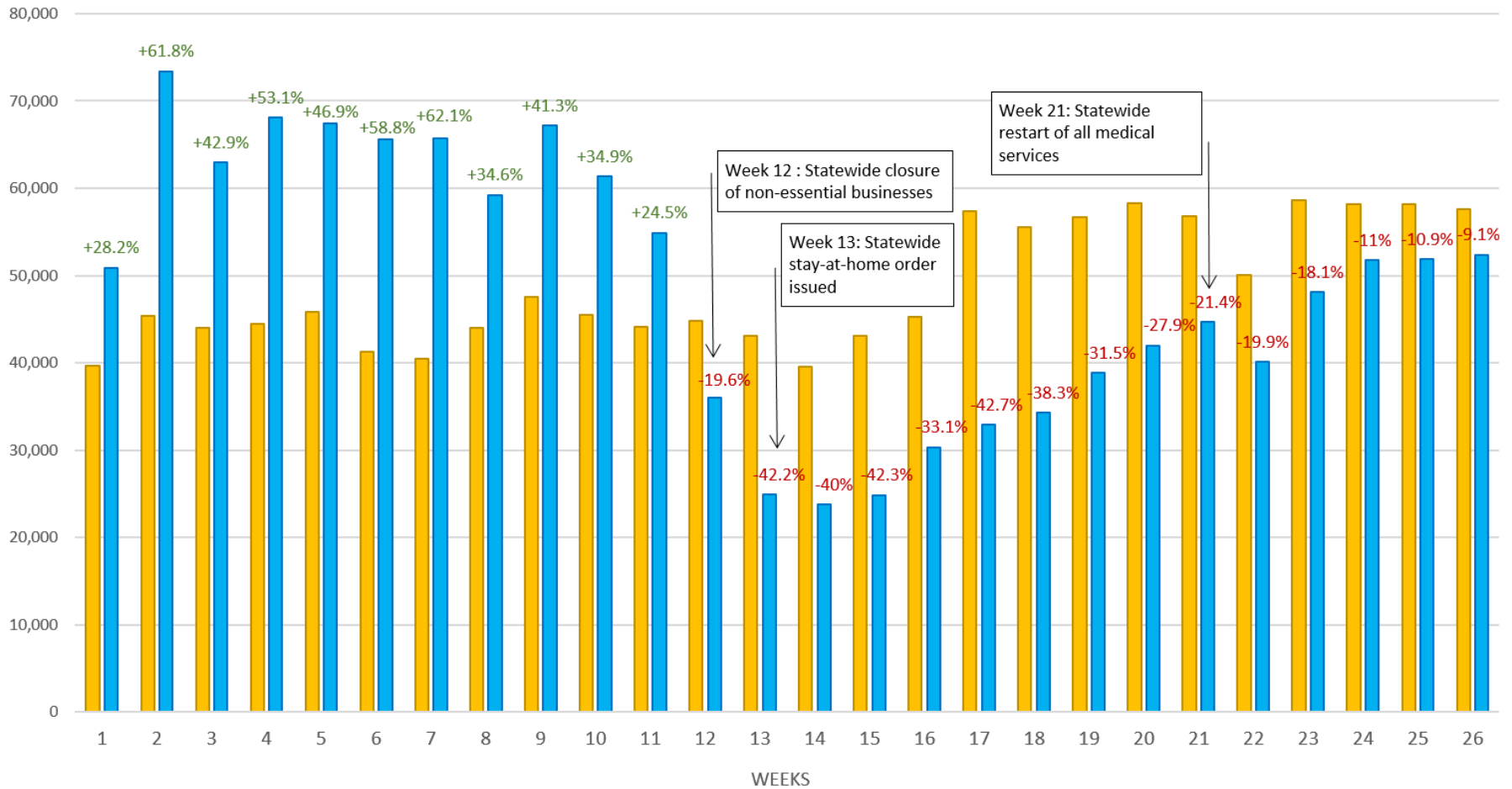
Monthly Percent Change in Vaccines Administered Comparing Average Number in 2015-2019 with 2020, Various Age Groups, Washington State



Data source: WA State Immunization Information System; all vaccines reported as of 7/14/2020

Weekly Doses Administered to Persons 0 through 18 years old in Washington State Comparing Average Number in 2015-2019 with 2020

■ AVG 2015-2019 DOSES ■ 2020 DOSES



Data source: WA State Immunization Information System; all vaccines reported as of 7/14/2020

Routine and Catch-up Vaccination Activities

- Data assessment to share with local health and partners
- News release, media inquiries, message distribution, partner outreach
- Reminder/Recall mailings
 - 35,000 mailings to families with kids 4-6 years old
 - 76,000 mailings to families with kids 0-24 months old
- Collaboration with
 - Internal partners
 - External partners/stakeholders
 - **Stay Healthy, Stay Vaccinated, Stay Safe** campaign
- Webinars - provider education and promotion of reminder/recall, and immunization quality improvement projects to increase rates

Traditional Model Versus Out of the Box

- PPE needs have changed
 - As many as 30-35% are asymptomatic and masks are now required for all public places
 - No requirement for N95 mask for vaccinations, but special considerations should be taken
 - Further information available from CDC, Washington State L&I and DOH (links in references)
- Drive through, Walk-Up and Curbside Care
 - Virtual health expansion
 - Can we safely do immunizations in a non-traditional manner? **YES!**

Influenza and SARS-CoV-2

What we know and think:

- Influenza and SARS-CoV-2 will probably circulate simultaneously this fall and winter
- There is currently no vaccine for SARS-CoV-2
- Increased flu vaccination coverage can reduce stress on the healthcare infrastructure
- Seniors, individuals with chronic medical conditions, and pregnant women experience the majority of influenza-related severe illnesses and deaths.
- Health disparities in influenza vaccine access and influenza treatment to prevent worsening severity of symptoms and hospitalization

Influenza Vaccine Coverage

- Based on the 2018-2019 CDC National Immunization Survey of 12,131 Washington residents the following received the annual influenza vaccination:
 - 53.8 % of the individuals ages 6 months and older
 - 54.9% of individuals ages 18 to 64 identified as high risk
 - 42.8% of individuals ages 18 to 64 identified as not at high risk
 - 50% of individuals ages 18 to 49 identified as high risk
- Based on Pregnancy Risk Assessment Monitoring System 2016-2017 data, 68.5% of Washington pregnant women obtained the influenza vaccination

Source: CDC FluVaxView. Available at: <https://www.cdc.gov/flu/fluview/1819season.htm>. Accessed 05/20/2020.

CDC Enhanced Influenza Campaign

- Through a CDC grant, DOH will have adult influenza vaccine for un- and under-insured adults available
- Estimated Washington doses:
 - 300,000 adult doses
 - 690,000 pediatric doses
 - Doses will not be available until October 2020 or later
 - Distribution planning is being coordinated
- Expanded partnerships with pharmacies is in progress
- Opportunities to become Adult Vaccine Provider

Summary and Approach

In summary, there is much work ahead for the state Department of Health (DOH) to improve adult flu vaccinations among those most vulnerable and among those who serve those most vulnerable. Work in progress:

- Increasing access to vaccinations through partnerships
- Increasing the capacity and use of the Immunization Information System to support vaccine assessment/forecast and documentation
- Increasing demand for vaccinations through outreach and education
- Reducing ethnic, racial and geographic disparities in immunizations

Resources

- IIS Support and training available at: IIS.Training@doh.wa.gov
- Nursing Immunization Line: Immunenurses@doh.wa.gov
- Upcoming webinars found via this link:
<https://www.doh.wa.gov/YouandYourFamily/Immunization/ImmunizationNews/ImmunizationTraining>.
 - July 1, 2020 – October 14 – [2020 Pink Book Webinar Series](#)
 - August 4, 2020 – [Current Issues in Immunization Webinar](#)
 - August 12, 2020 – [HPV and Anal Cancer](#)
- MyIR:
<https://www.doh.wa.gov/YouandYourFamily/Immunization/ChildProfileHealthPromotion/ForParents/AccessyourFamiliesImmunizationInformation>.
- Immunization Rule Changes:
<https://www.doh.wa.gov/YouandYourFamily/Immunization/SchoolandChildCare/RuleChanges>.

QUESTIONS?



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References:

CDC FluVaxView. Available at: <https://www.cdc.gov/flu/fluview/1819season.htm>. Accessed 05/20/2020.

Washington State Department of Health Data and Statistical Reports. Available at: <https://www.doh.wa.gov/DataandStatisticalReports/DiseasesandChronicConditions/CommunicableDiseaseSurveillanceData/InfluenzaSurveillanceData>. Access 05/20/2020.

CDC [“Interim Guidance for Immunization Services During the COVID-19 Pandemic”](#). Accessed 07/22/2020.

Washington guidance for immunization PPE: <https://www.doh.wa.gov/Portals/1/Documents/1600/coronavirus/PleaseContinueVaccinatingPatients.pdf>. Accessed 07/22/2020.

Santoli JM, Lindley MC, DeSilva MB, et al. Effects of the COVID-19 Pandemic on Routine Pediatric Vaccine Ordering and Administration — United States, 2020. MMWR Morb Mortal Wkly Rep 2020;69:591–593. DOI: <http://dx.doi.org/10.15585/mmwr.mm6919e2>.



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