

SUPPLEMENTARY TABLE. Characteristics of persons with positive Labcorp parvovirus B19 immunoglobulin M test results by age group, sex and geographic region, United States 2018–2024

Characteristic	No. (% of total) positive by year and 6-month period													
	Pre-COVID-19 pandemic				During COVID-19 pandemic								Post-COVID-19 pandemic	
	2018		2019		2020		2021		2022		2023		2024	
	Jan–Jun	Jul–Dec	Jan–Jun	Jul–Dec	Jan–Jun	Jul–Dec	Jan–Jun	Jul–Dec	Jan–Jun	Jul–Dec	Jan–Jun	Jul–Dec	Jan–Jun	Jul–Aug
Total, all ages (% of total tests performed)	33,910 (3.0)	29,943 (2.0)	34,938 (3.8)	32,436 (2.8)	27,888 (2.0)	26,747 (0.5)	26,325 (0.5)	27,154 (0.7)	28,166 (0.5)	27,884 (1.1)	29,724 (1.0)	29,227 (1.3)	33,793 (4.8)	10,963 (5.0)
Age <18 years														
All	2,925 (8.0)	2,231 (5.2)	2,987 (12.2)	2,416 (7.5)	1,988 (6.3)	1,802 (0.6)	1,991 (0.6)	1,855 (0.6)	2,070 (0.8)	1,803 (1.6)	2,063 (2.7)	1,854 (5.2)	2,787 (18.2)	794 (13.9)
0–2	275 (5.1)	242 (2.5)	276 (8.3)	248 (6.5)	235 (4.3)	258 (0.4)	248 (0)	235 (0.9)	199 (1)	218 (2.8)	224 (0.9)	209 (3.3)	240 (7.5)	106 (3.8)
3–5	380 (8.9)	308 (10.4)	455 (15.4)	287 (11.5)	264 (8.3)	189 (0)	241 (0.4)	246 (0.8)	293 (1.7)	263 (1.1)	285 (3.5)	274 (10.2)	387 (18.3)	116 (19.8)
6–8	462 (15.4)	343 (9.6)	533 (21.6)	410 (12.4)	342 (11.4)	224 (0.9)	265 (1.1)	249 (0.4)	315 (0.6)	274 (3.3)	327 (3.7)	273 (5.9)	540 (30.4)	131 (22.1)
9–11	538 (11.2)	348 (6.9)	556 (16.5)	420 (10.2)	361 (10)	299 (0.7)	339 (0.9)	325 (0.6)	356 (0.8)	256 (1.2)	337 (3.6)	285 (6.3)	534 (25.3)	129 (18.6)
12–14	540 (5.7)	408 (3.4)	516 (7.8)	422 (4)	323 (2.2)	331 (0.6)	385 (0.8)	300 (0.7)	392 (0.8)	281 (1.1)	357 (3.1)	331 (2.7)	463 (13.6)	147 (13.6)
15–17	730 (3.4)	582 (1.2)	651 (3.7)	629 (3.3)	463 (2.6)	501 (0.6)	513 (0.2)	500 (0.4)	515 (0.2)	511 (0.8)	533 (1.7)	482 (3.7)	623 (9.5)	165 (6.1)
Sex														
Female	1,548 (8.5)	1,155 (5.8)	1,553 (11.5)	1,253 (8.7)	1,019 (6.6)	915 (0.3)	1,000 (0.3)	904 (0.6)	1,078 (0.6)	918 (1.7)	1,048 (2)	928 (6.2)	1,409 (17.9)	387 (17.4)
Male	1,376 (7.6)	1,075 (5.2)	1,432 (12.9)	1,163 (7.7)	968 (6.1)	885 (0.8)	988 (0.8)	951 (0.6)	991 (1)	885 (1.5)	1,015 (3.4)	924 (4.8)	1,377 (18.7)	407 (15)
Age ≥18 yrs														
All	30,985 (2.5)	27,712 (1.8)	31,951 (3.0)	30,020 (2.4)	25,900 (1.7)	24,945 (0.5)	24,334 (0.5)	25,299 (0.7)	26,096 (0.5)	26,081 (1.1)	27,661 (0.8)	27,373 (1.1)	31,006 (3.5)	10,169 (4.3)
18–29	8,338 (1.7)	7,597 (1.1)	8,878 (2.2)	8,066 (2.1)	7,341 (1.3)	6,425 (0.5)	6,337 (0.5)	6,832 (0.6)	7,177 (0.6)	7,093 (1)	7,394 (0.8)	6,892 (1)	7,656 (2)	2,541 (2.4)
30–39	13,313 (2.1)	11,459 (1.5)	13,569 (2.6)	12,464 (1.9)	11,139 (1.6)	10,364 (0.3)	10,094 (0.3)	10,529 (0.7)	11,314 (0.3)	11,200 (0.7)	12,332 (0.7)	12,286 (0.9)	14,193 (2.6)	4,352 (3.6)
40–49	3,774 (5.5)	3,442 (3.7)	3,843 (6.3)	3,631 (4.1)	2,905 (2.6)	2,957 (0.3)	2,869 (0.3)	2,794 (0.7)	2,781 (0.5)	2,926 (1.3)	3,134 (0.9)	3,371 (1.7)	3,885 (9.3)	1,279 (10.4)
50–59	2,578 (3.3)	2,409 (1.9)	2,544 (3.4)	2,615 (3)	2,020 (2.6)	2,350 (1)	2,062 (0.8)	2,058 (0.7)	1,899 (0.5)	1,881 (2.1)	1,931 (1.2)	1,827 (1.6)	2,057 (5.7)	742 (5)
60–69	1,770 (2)	1,703 (1.8)	1,813 (2.5)	1,960 (2.3)	1,488 (1.4)	1,643 (1.2)	1,664 (1)	1,742 (0.7)	1,598 (1)	1,683 (2)	1,585 (1)	1,610 (1.1)	1,724 (3.4)	655 (4.6)
70–79	924 (3.1)	822 (2.7)	1,027 (2.5)	946 (3.8)	751 (1.5)	899 (1.4)	981 (0.7)	980 (1.1)	987 (1.1)	948 (1.3)	948 (1.3)	1,015 (1.3)	1,089 (2.3)	423 (3.8)
≥80	288 (3.1)	280 (3.2)	277 (2.2)	338 (4.4)	256 (1.6)	307 (1.3)	327 (0.3)	364 (1.4)	340 (0.6)	350 (1.7)	337 (1.2)	372 (1.9)	402 (1.7)	177 (4)
Sex														
Female	27,256 (2.5)	24,102 (1.7)	28,118 (2.9)	26,021 (2.4)	22,896 (1.7)	21,470 (0.5)	21,043 (0.4)	21,993 (0.7)	22,959 (0.4)	22,932 (1)	24,546 (0.7)	24,146 (1)	27,591 (3.5)	8,860 (4.5)
Male	3,738 (3.1)	3,621 (2.4)	3,833 (3.4)	4,001 (3.4)	3,001 (1.7)	3,474 (1)	3,291 (0.9)	3,306 (0.9)	3,137 (0.9)	3,142 (2.2)	3,114 (1.5)	3,223 (2.1)	3,413 (4)	1,309 (4.7)
HHS region ^{*,†}														
1	957 (2.3)	754 (1.9)	874 (4)	902 (2.7)	796 (1.1)	745 (0.1)	850 (0.5)	843 (0.5)	894 (0.7)	916 (0.2)	832 (0.6)	903 (0.8)	1,186 (2.5)	
2	13,167 (1.8)	11,752 (1)	12,973 (2.1)	12,166 (1.6)	10,879 (1.3)	11,024 (0.3)	10,432 (0.3)	11,514 (0.7)	12,633 (0.5)	12,862 (0.4)	14,483 (0.7)	14,237 (1.2)	15,540 (3.2)	3,4

Commented [JG1]: There should be a footnote showing what the HHS regions represent.

Commented [HRAC(2R1)]: I have added.

3	5,654 (3.6)	5,188 (2.8)	5,861 (4.4)	5,579 (2.8)	4,696 (2.3)	4,648 (0.7)	4,621 (0.6)	4,517 (0.6)	4,067 (0.4)	3,922 (1.6)	3,771 (0.7)	3,430 (1)	4,220 (5.6)	1,395 (6.2)
4	5,217 (4.8)	4,405 (3.2)	5,988 (5.9)	5,301 (4.2)	4,621 (2.7)	4,080 (1)	4,280 (0.6)	4,083 (0.8)	4,221 (0.5)	4,082 (1.9)	4,052 (1)	4,026 (1.7)	4,786 (5.2)	1,560 (5.9)
5	1,473 (4.5)	1,290 (1.4)	1,501 (3.7)	1,423 (3.2)	1,318 (1.8)	1,347 (1)	1,310 (0.8)	1,475 (0.9)	1,786 (0.8)	1,473 (1.3)	1,710 (1.1)	1,783 (1.5)	2,115 (8.3)	816 (6.9)
6	3,167 (3.7)	2,809 (3.1)	3,242 (5.2)	2,834 (4.7)	2,041 (3)	1,747 (0.5)	1,669 (0.6)	1,646 (0.9)	1,423 (0.5)	1,520 (1.8)	1,428 (1.9)	1,407 (1.4)	1,891 (8.4)	637 (7.8)
7	622 (3.1)	505 (3)	743 (6.1)	592 (2.9)	541 (4.4)	441 (0.7)	422 (0.5)	439 (1.1)	521 (0.8)	523 (2.3)	539 (3.5)	637 (2.7)	840 (7.1)	284 (5.3)
8	1,133 (4.8)	1,008 (2.7)	1,083 (3.3)	893 (3.8)	736 (2.3)	640 (0.2)	703 (0)	635 (0.8)	550 (0.2)	712 (2.1)	651 (2.3)	696 (1.6)	600 (6.8)	224 (10.7)
9	1,839 (1.9)	1,486 (1.8)	1,849 (3.4)	1,953 (3.1)	1,536 (2.3)	1,416 (0.5)	1,492 (0.6)	1,408 (0.3)	1,385 (0.9)	1,264 (2.2)	1,541 (0.9)	1,419 (2)	1,643 (4.9)	606 (4.8)
10	697 (3%)	760 (2.8%)	826 (4.7%)	796 (3.4%)	730 (2.2%)	660 (0.6%)	548 (0.2%)	594 (0.5%)	686 (0%)	610 (3.1%)	717 (2.1%)	689 (1.3%)	972 (9.1%)	338 (8.9%)

* <https://www.hhs.gov/about/agencies/iea/regional-offices/index.html>

† Region 1: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Region 2: New Jersey, New York, Puerto Rico, and the Virgin Islands; Region 3: Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia; Region 4: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee; Region 5: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin; Region 6: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas; Region 7: Iowa, Kansas, Missouri, and Nebraska; Region 8: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming; Region 9: Arizona, California, Hawaii, Nevada, American Samoa, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Guam, Marshall Islands, and Republic of Palau; Region 10: Alaska, Idaho, Oregon, and Washington.