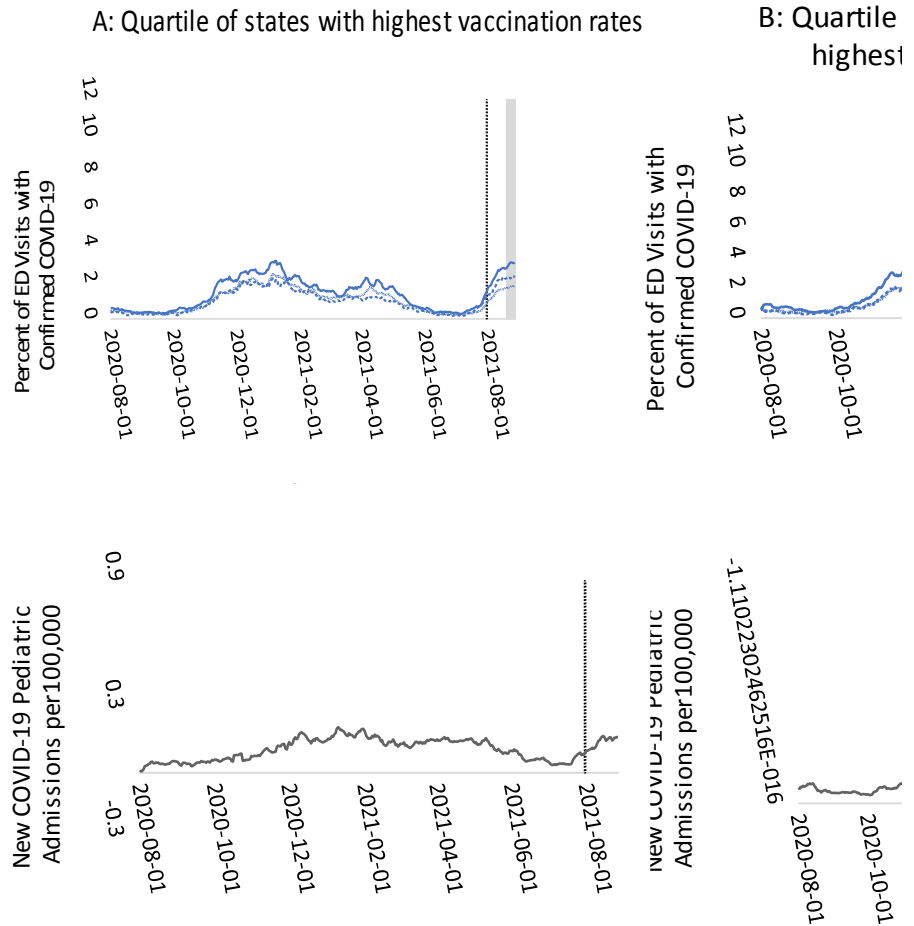


Supplementary Figure. Percentage of pediatric COVID-19 related emergency department visits of state vaccination coverage[§] (highest,[¶] second highest,^{**} second lowest,^{††} and lowest)



Sources: COVID-19 Vaccination Trends in the United States, <https://data.cdc.gov/Vacc>

* Emergency department (ED) visit data are from the National Syndromic Surveillance departments that consistently reported high-quality data across the time period. Data Minnesota report to NSSP.

† Daily hospital admissions averaged over a 7-day period to obtain a 7-day moving average

§ Vaccine coverage data are for the population aged ≥ 12 years who completed COVID-19 recipients who are 18 years and older.

¶ Highest vaccination states: Connecticut, Massachusetts, Maryland, Maine, New Hampshire

** Second highest vaccination states: California, Colorado, District of Columbia, Delaware

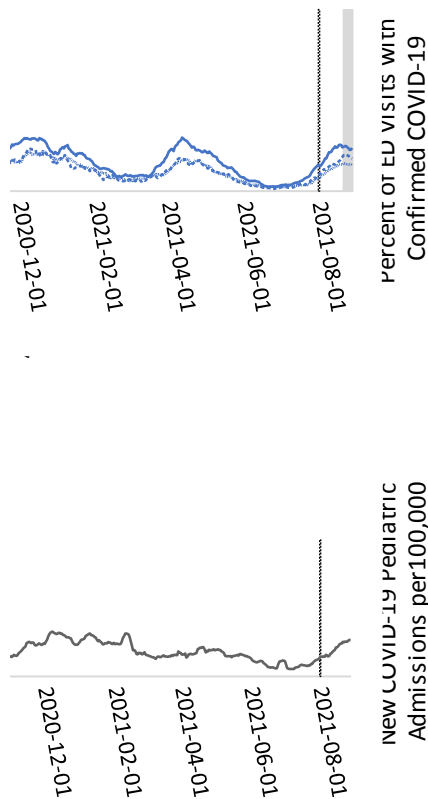
†† Second lowest vaccination states: Alaska, Arizona, Florida, Indiana, Kansas, Kentucky

§§ Lowest vaccination states: Alabama, Arkansas, Georgia, Idaho, Louisiana, Missouri, North

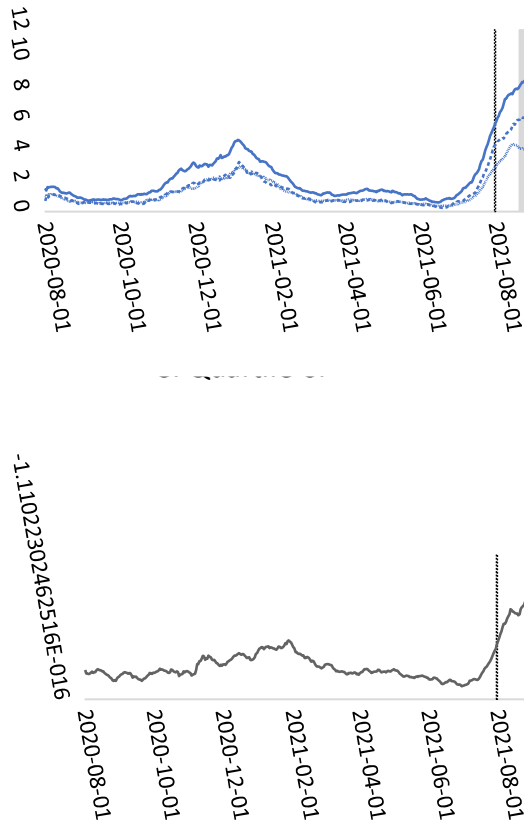
Gray bar: COVID-19 ED data are not yet complete. Trends may change as diagnosis dat

ent (ED) visits of all ED visits* by age group and rate of hospital admissions with COVID-19 † among persons a
 t^{†§§}— United States, August 1, 2020–August 27 2021

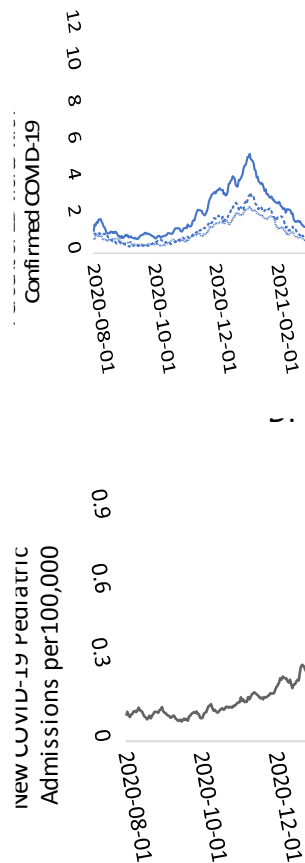
of states with second
 t vaccination rates



C: Quartile of states with second
 lowest vaccination rates



D: Quartile of states:



[inations/COVID-19-Vaccination-Trends-in-the-United-States-N/rh2h-3yt2](#) National Syndromic Surveillance Pr

Program (NSSP) and averaged over a 7-day period to obtain a 7-day moving daily average. Data are limited t
 from Ohio, South Dakota, Wyoming, and Hawaii are not included. Fewer than 50% of facilities in California,

daily average per 100,000 persons age 0–17 years.

L9 vaccination series as of July 31, 2021 (as noted by vertical dashed line on graphs). Idaho provides vaccine

pschire, New Jersey, New Mexico, New York, Oregon, Rhode Island, Virginia, Vermont, Washington (> 63.45%

re, Hawaii, Iowa, Illinois, Michigan, Minnesota, Nebraska, Pennsylvania, Wisconsin (>56.30% & ≤63.45%)

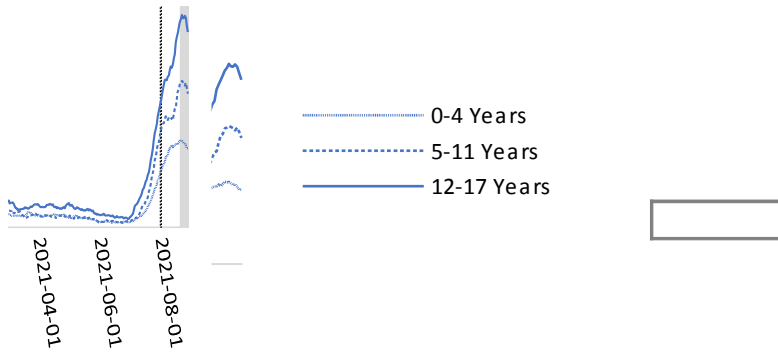
, Montana, North Carolina, Nevada, Ohio, South Dakota, Texas, Utah (>49.75% & ≤56.30%)

Mississippi, North Dakota, Oklahoma, South Carolina, Tennessee, West Virginia, Wyoming (≤49.75%)

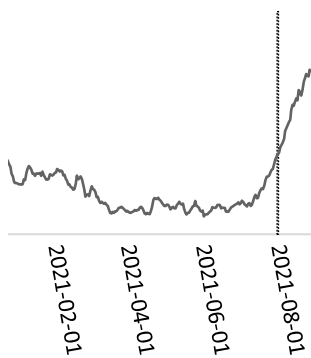
are added to records.

ged 0–17 years by quartile

s with lowest vaccination rates



...



rogram, U.S. Departm

to emergency
Iowa, and

data only for vaccine

)

date	avgrate_0_17	Vertical Line	tax_quartile	
2020-08-01	0.0132707767		1	
2020-08-02	0.0066353883		1	Highest vaccine coverage
2020-08-03	0.0088471844		1	
2020-08-04	0.0165884708		1	
2020-08-05	0.0305227863		1	
2020-08-06	0.0342828397		1	
2020-08-07	0.0350727669		1	
2020-08-08	0.0407602426		1	
2020-08-09	0.0436039805		1	
2020-08-10	0.0502393688		1	
2020-08-11	0.0530831066		1	
2020-08-12	0.0454998057		1	
2020-08-13	0.0445518931		1	
2020-08-14	0.0492914562		1	
2020-08-15	0.0483435436		1	
2020-08-16	0.0483435436		1	
2020-08-17	0.0436039805		1	
2020-08-18	0.0417081552		1	
2020-08-19	0.0436039805		1	
2020-08-20	0.0436039805		1	
2020-08-21	0.0388644174		1	
2020-08-22	0.0388644174		1	
2020-08-23	0.0407602426		1	
2020-08-24	0.0426560678		1	
2020-08-25	0.0417081552		1	
2020-08-26	0.0483435436		1	
2020-08-27	0.0530831066		1	
2020-08-28	0.0559268445		1	
2020-08-29	0.0559268445		1	
2020-08-30	0.0540310193		1	
2020-08-31	0.052135194		1	
2020-09-01	0.0511872814		1	
2020-09-02	0.0417081552		1	
2020-09-03	0.0360206795		1	
2020-09-04	0.0341248543		1	
2020-09-05	0.0464477183		1	
2020-09-06	0.0473956309		1	
2020-09-07	0.0464477183		1	
2020-09-08	0.0436039805		1	
2020-09-09	0.0426560678		1	
2020-09-10	0.0436039805		1	
2020-09-11	0.0417081552		1	
2020-09-12	0.032229029		1	
2020-09-13	0.032229029		1	
2020-09-14	0.0369685921		1	
2020-09-15	0.0407602426		1	
2020-09-16	0.0464477183		1	

2020-09-17	0.0483435436	1
2020-09-18	0.0492914562	1
2020-09-19	0.0473956309	1
2020-09-20	0.0549789319	1
2020-09-21	0.052135194	1
2020-09-22	0.0511872814	1
2020-09-23	0.0511872814	1
2020-09-24	0.0483435436	1
2020-09-25	0.052135194	1
2020-09-26	0.0530831066	1
2020-09-27	0.0473956309	1
2020-09-28	0.0540310193	1
2020-09-29	0.0606664076	1
2020-09-30	0.0578226697	1
2020-10-01	0.0616143202	1
2020-10-02	0.0625622328	1
2020-10-03	0.0587705824	1
2020-10-04	0.0587705824	1
2020-10-05	0.052135194	1
2020-10-06	0.0540310193	1
2020-10-07	0.0578226697	1
2020-10-08	0.0625622328	1
2020-10-09	0.0635101455	1
2020-10-10	0.0663538833	1
2020-10-11	0.0682497085	1
2020-10-12	0.072041359	1
2020-10-13	0.0673017959	1
2020-10-14	0.0663538833	1
2020-10-15	0.0559268445	1
2020-10-16	0.0530831066	1
2020-10-17	0.0834163104	1
2020-10-18	0.0824683978	1
2020-10-19	0.0843642231	1
2020-10-20	0.0824683978	1
2020-10-21	0.0853121357	1
2020-10-22	0.0891037862	1
2020-10-23	0.0900516988	1
2020-10-24	0.0568747571	1
2020-10-25	0.059718495	1
2020-10-26	0.0578226697	1
2020-10-27	0.0616143202	1
2020-10-28	0.0606664076	1
2020-10-29	0.0616143202	1
2020-10-30	0.0635101455	1
2020-10-31	0.07962466	1
2020-11-01	0.0767809221	1
2020-11-02	0.07962466	1
2020-11-03	0.0805725726	1

2020-11-04	0.0786767474	1
2020-11-05	0.0786767474	1
2020-11-06	0.0834163104	1
2020-11-07	0.07962466	1
2020-11-08	0.0881558735	1
2020-11-09	0.0938433492	1
2020-11-10	0.1014266502	1
2020-11-11	0.1080620385	1
2020-11-12	0.1146974269	1
2020-11-13	0.1156453395	1
2020-11-14	0.1080620385	1
2020-11-15	0.1023745628	1
2020-11-16	0.099530825	1
2020-11-17	0.0947912619	1
2020-11-18	0.0966870871	1
2020-11-19	0.0976349997	1
2020-11-20	0.0985829123	1
2020-11-21	0.1213328152	1
2020-11-22	0.1279682035	1
2020-11-23	0.1251244657	1
2020-11-24	0.124176553	1
2020-11-25	0.1327077666	1
2020-11-26	0.1346035919	1
2020-11-27	0.1355515045	1
2020-11-28	0.1137495142	1
2020-11-29	0.1090099511	1
2020-11-30	0.1289161161	1
2020-12-01	0.144082718	1
2020-12-02	0.1327077666	1
2020-12-03	0.131759854	1
2020-12-04	0.1412389802	1
2020-12-05	0.1592493199	1
2020-12-06	0.1658847083	1
2020-12-07	0.1573534947	1
2020-12-08	0.1611451452	1
2020-12-09	0.1772596597	1
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2020-12-11	0.1895825237	1
2020-12-12	0.1857908733	1
2020-12-13	0.1819992228	1
2020-12-14	0.1772596597	1
2020-12-15	0.1706242714	1
2020-12-16	0.1592493199	1
2020-12-17	0.151666019	1
2020-12-18	0.1478743685	1
2020-12-19	0.1374473297	1
2020-12-20	0.1507181064	1
2020-12-21	0.1564055821	1

2020-12-22	0.1507181064	1
2020-12-23	0.1611451452	1
2020-12-24	0.1630409704	1
2020-12-25	0.1526139316	1
2020-12-26	0.1507181064	1
2020-12-27	0.1459785433	1
2020-12-28	0.144082718	1
2020-12-29	0.1431348054	1
2020-12-30	0.1469264559	1
2020-12-31	0.1488222811	1
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2021-01-02	0.1601972326	1
2021-01-03	0.1573534947	1
2021-01-04	0.1601972326	1
2021-01-05	0.1734680092	1
2021-01-06	0.1687284461	1
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2021-01-16	0.1829471354	1
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2021-01-18	0.1734680092	1
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2021-02-13	0.163988883	1
2021-02-14	0.1478743685	1
2021-02-15	0.1545097568	1
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2021-02-17	0.1298640288	1
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2021-02-19	0.131759854	1
2021-02-20	0.1421868928	1
2021-02-21	0.1459785433	1
2021-02-22	0.1421868928	1
2021-02-23	0.1469264559	1
2021-02-24	0.1564055821	1
2021-02-25	0.1478743685	1
2021-02-26	0.1308119414	1
2021-02-27	0.1336556792	1
2021-02-28	0.1222807278	1
2021-03-01	0.1289161161	1
2021-03-02	0.1364994171	1
2021-03-03	0.1346035919	1
2021-03-04	0.1383952423	1
2021-03-05	0.1431348054	1
2021-03-06	0.1279682035	1
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2021-03-08	0.1222807278	1
2021-03-09	0.11943699	1
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2021-03-11	0.1213328152	1
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2021-03-13	0.1336556792	1
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2021-03-15	0.1469264559	1
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2021-03-17	0.1383952423	1
2021-03-18	0.1450306307	1
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2021-03-21	0.1421868928	1
2021-03-22	0.1383952423	1
2021-03-23	0.1450306307	1
2021-03-24	0.1545097568	1
2021-03-25	0.1497701938	1
2021-03-26	0.1545097568	1
2021-03-27	0.1573534947	1

2021-03-28	0.1554576695	1
2021-03-29	0.1554576695	1
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2021-03-31	0.151666019	1
2021-04-01	0.1564055821	1
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2021-04-03	0.1507181064	1
2021-04-04	0.1535618442	1
2021-04-05	0.1592493199	1
2021-04-06	0.1630409704	1
2021-04-07	0.1677805335	1
2021-04-08	0.1573534947	1
2021-04-09	0.1630409704	1
2021-04-10	0.1630409704	1
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2021-04-13	0.1469264559	1
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2021-04-15	0.1478743685	1
2021-04-16	0.1469264559	1
2021-04-17	0.1469264559	1
2021-04-18	0.1459785433	1
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2021-04-20	0.151666019	1
2021-04-21	0.1497701938	1
2021-04-22	0.1488222811	1
2021-04-23	0.151666019	1
2021-04-24	0.1545097568	1
2021-04-25	0.1573534947	1
2021-04-26	0.1535618442	1
2021-04-27	0.1583014073	1
2021-04-28	0.1573534947	1
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2021-04-30	0.1526139316	1
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2021-05-02	0.1393431549	1
2021-05-03	0.1421868928	1
2021-05-04	0.131759854	1
2021-05-05	0.1355515045	1
2021-05-06	0.1327077666	1
2021-05-07	0.1393431549	1
2021-05-08	0.1497701938	1
2021-05-09	0.1497701938	1
2021-05-10	0.1554576695	1
2021-05-11	0.1630409704	1
2021-05-12	0.151666019	1
2021-05-13	0.1469264559	1
2021-05-14	0.1336556792	1

2021-05-15	0.1260723783	1
2021-05-16	0.1289161161	1
2021-05-17	0.11943699	1
2021-05-18	0.1090099511	1
2021-05-19	0.1071141259	1
2021-05-20	0.1033224754	1
2021-05-21	0.1109057764	1
2021-05-22	0.1061662133	1
2021-05-23	0.0985829123	1
2021-05-24	0.0966870871	1
2021-05-25	0.0891037862	1
2021-05-26	0.0938433492	1
2021-05-27	0.0947912619	1
2021-05-28	0.0909996114	1
2021-05-29	0.0900516988	1
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2021-05-31	0.1042703881	1
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2021-06-02	0.1014266502	1
2021-06-03	0.1099578638	1
2021-06-04	0.1023745628	1
2021-06-05	0.1042703881	1
2021-06-06	0.0976349997	1
2021-06-07	0.0853121357	1
2021-06-08	0.0862600483	1
2021-06-09	0.0805725726	1
2021-06-10	0.0654059707	1
2021-06-11	0.0625622328	1
2021-06-12	0.0549789319	1
2021-06-13	0.052135194	1
2021-06-14	0.0568747571	1
2021-06-15	0.0568747571	1
2021-06-16	0.0587705824	1
2021-06-17	0.0587705824	1
2021-06-18	0.0606664076	1
2021-06-19	0.0616143202	1
2021-06-20	0.0606664076	1
2021-06-21	0.0663538833	1
2021-06-22	0.0654059707	1
2021-06-23	0.0654059707	1
2021-06-24	0.0625622328	1
2021-06-25	0.0663538833	1
2021-06-26	0.0691976212	1
2021-06-27	0.0701455338	1
2021-06-28	0.059718495	1
2021-06-29	0.0587705824	1
2021-06-30	0.0540310193	1
2021-07-01	0.0530831066	1

2021-07-02	0.0454998057		1
2021-07-03	0.03981233		1
2021-07-04	0.0369685921		1
2021-07-05	0.0379165047		1
2021-07-06	0.03981233		1
2021-07-07	0.0360206795		1
2021-07-08	0.0407602426		1
2021-07-09	0.0407602426		1
2021-07-10	0.0445518931		1
2021-07-11	0.0436039805		1
2021-07-12	0.0445518931		1
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2021-07-14	0.0445518931		1
2021-07-15	0.03981233		1
2021-07-16	0.0407602426		1
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2021-07-18	0.0388644174		1
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2021-07-20	0.0445518931		1
2021-07-21	0.0606664076		1
2021-07-22	0.0682497085		1
2021-07-23	0.0767809221		1
2021-07-24	0.0815204852		1
2021-07-25	0.0881558735		1
2021-07-26	0.091947524		1
2021-07-27	0.0947912619		1
2021-07-28	0.0824683978		1
2021-07-29	0.0872079609		1
2021-07-30	0.0853121357		1
2021-07-31	0.0947912619	0.9	1
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2021-08-02	0.1042703881		1
2021-08-03	0.1061662133		1
2021-08-04	0.1099578638		1
2021-08-05	0.1128016016		1
2021-08-06	0.1175411647		1
2021-08-07	0.1128016016		1
2021-08-08	0.1165932521		1
2021-08-09	0.1251244657		1
2021-08-10	0.1402910676		1
2021-08-11	0.1507181064		1
2021-08-12	0.1545097568		1
2021-08-13	0.163988883		1
2021-08-14	0.1696763587		1
2021-08-15	0.1725200966		1
2021-08-16	0.1649367957		1
2021-08-17	0.1507181064		1
2021-08-18	0.1545097568		1

2021-08-19	0.1611451452	1
2021-08-20	0.1668326209	1
2021-08-21	0.1658847083	1
2021-08-22	0.151666019	1
2021-08-23	0.1554576695	
2021-08-24	0.1649367957	
2021-08-25	0.163988883	
2021-08-26	0.1677805335	
2021-08-27	0.1677805335	

date	vgrate_0_1	Vertical Line	max_quartile
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2020-08-02	0.097044		2
2020-08-03	0.108328		2
2020-08-04	0.1072		2
2020-08-05	0.11555		2
2020-08-06	0.111338		2
2020-08-07	0.112842		2
2020-08-08	0.118001		2
2020-08-09	0.128318		2
2020-08-10	0.126383		2
2020-08-11	0.131542		2
2020-08-12	0.125738		2
2020-08-13	0.130252		2
2020-08-14	0.130897		2
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2021-05-24	0.114103	4
2021-05-25	0.134849	4
2021-05-26	0.115585	4
2021-05-27	0.112621	4
2021-05-28	0.106694	4
2021-05-29	0.096321	4
2021-05-30	0.091875	4
2021-05-31	0.096321	4
2021-06-01	0.072611	4
2021-06-02	0.078538	4
2021-06-03	0.081502	4
2021-06-04	0.081502	4
2021-06-05	0.085948	4
2021-06-06	0.091875	4
2021-06-07	0.096321	4
2021-06-08	0.109658	4
2021-06-09	0.106694	4
2021-06-10	0.106694	4
2021-06-11	0.108176	4
2021-06-12	0.118549	4
2021-06-13	0.118549	4
2021-06-14	0.118549	4
2021-06-15	0.105212	4
2021-06-16	0.108176	4
2021-06-17	0.106694	4
2021-06-18	0.106694	4
2021-06-19	0.091875	4
2021-06-20	0.091875	4
2021-06-21	0.090393	4
2021-06-22	0.099285	4
2021-06-23	0.108176	4
2021-06-24	0.111139	4
2021-06-25	0.114103	4
2021-06-26	0.118549	4
2021-06-27	0.121512	4
2021-06-28	0.124476	4
2021-06-29	0.128922	4
2021-06-30	0.121512	4
2021-07-01	0.125958	4

2021-07-02	0.136331		4
2021-07-03	0.130404		4
2021-07-04	0.121512		4
2021-07-05	0.117067		4
2021-07-06	0.112621		4
2021-07-07	0.122994		4
2021-07-08	0.125958		4
2021-07-09	0.114103		4
2021-07-10	0.118549		4
2021-07-11	0.133367		4
2021-07-12	0.152631		4
2021-07-13	0.160041		4
2021-07-14	0.145222		4
2021-07-15	0.146704		4
2021-07-16	0.16745		4
2021-07-17	0.179305		4
2021-07-18	0.185232		4
2021-07-19	0.182269		4
2021-07-20	0.197087		4
2021-07-21	0.217833		4
2021-07-22	0.232652		4
2021-07-23	0.232652		4
2021-07-24	0.237097		4
2021-07-25	0.250434		4
2021-07-26	0.259325		4
2021-07-27	0.263771		4
2021-07-28	0.280071		4
2021-07-29	0.302299		4
2021-07-30	0.314154		4
2021-07-31	0.324527	0.9	4
2021-08-01	0.328973		4
2021-08-02	0.352682		4
2021-08-03	0.360092		4
2021-08-04	0.370465		4
2021-08-05	0.385283		4
2021-08-06	0.417884		4
2021-08-07	0.429739		4
2021-08-08	0.440112		4
2021-08-09	0.453449		4
2021-08-10	0.46234		4
2021-08-11	0.503832		4
2021-08-12	0.524578		4
2021-08-13	0.51865		4
2021-08-14	0.536433		4
2021-08-15	0.549769		4
2021-08-16	0.540878		4
2021-08-17	0.583852		4
2021-08-18	0.574961		4

2021-08-19	0.560143	4
2021-08-20	0.58237	4
2021-08-21	0.616453	4
2021-08-22	0.62979	4
2021-08-23	0.647572	
2021-08-24	0.640163	
2021-08-25	0.638681	
2021-08-26	0.665354	
2021-08-27	0.656463	

max_quartil	date	ven_day_0	ven_day_5	ven_day_12	Vertical Line
q1	2020-08-01	0.476644	0.332779	0.559440	559
q1	2020-08-02	0.331126	0.35636	0.599354	541
q1	2020-08-03	0.398279	0.369481	0.579887	705
q1	2020-08-04	0.435835	0.380389	0.573569	004
q1	2020-08-05	0.42545	0.363182	0.513299	113
q1	2020-08-06	0.451613	0.353357	0.549579	964
q1	2020-08-07	0.458971	0.372208	0.549152	542
q1	2020-08-08	0.427734	0.374532	0.579690	377
q1	2020-08-09	0.43576	0.349592	0.518665	12
q1	2020-08-10	0.421546	0.348837	0.490697	199
q1	2020-08-11	0.399281	0.31572	0.486716	69
q1	2020-08-12	0.393202	0.325951	0.535992	944
q1	2020-08-13	0.392313	0.308333	0.455751	309
q1	2020-08-14	0.367937	0.248694	0.454329	694
q1	2020-08-15	0.359806	0.223843	0.445193	929
q1	2020-08-16	0.369101	0.226472	0.450419	709
q1	2020-08-17	0.375544	0.19388	0.427320	973
q1	2020-08-18	0.372671	0.192614	0.425882	676
q1	2020-08-19	0.379805	0.175556	0.400995	575
q1	2020-08-20	0.377727	0.19084	0.426732	741
q1	2020-08-21	0.378689	0.249605	0.377747	253
q1	2020-08-22	0.37289	0.258419	0.325327	058
q1	2020-08-23	0.35777	0.305962	0.323736	052
q1	2020-08-24	0.319948	0.306241	0.354779	286
q1	2020-08-25	0.297855	0.333751	0.316346	881
q1	2020-08-26	0.277173	0.359682	0.281883	809
q1	2020-08-27	0.257477	0.357569	0.261294	093
q1	2020-08-28	0.244758	0.340136	0.303867	403
q1	2020-08-29	0.251756	0.33183	0.318625	753
q1	2020-08-30	0.24726	0.263718	0.339852	962
q1	2020-08-31	0.263158	0.254972	0.335570	47
q1	2020-09-01	0.270197	0.238725	0.3125	
q1	2020-09-02	0.27774	0.221919	0.363661	795
q1	2020-09-03	0.266375	0.230042	0.372426	393
q1	2020-09-04	0.293095	0.222641	0.358977	969
q1	2020-09-05	0.32036	0.220844	0.369466	713
q1	2020-09-06	0.3548	0.246557	0.378188	819
q1	2020-09-07	0.334382	0.260943	0.368474	923
q1	2020-09-08	0.368407	0.251298	0.382461	412
q1	2020-09-09	0.36366	0.24337	0.338845	216
q1	2020-09-10	0.340716	0.235353	0.346161	678
q1	2020-09-11	0.315437	0.226472	0.355118	487
q1	2020-09-12	0.31725	0.221465	0.330373	735
q1	2020-09-13	0.313626	0.23168	0.300321	274
q1	2020-09-14	0.31975	0.260824	0.271323	222
q1	2020-09-15	0.274669	0.307018	0.308036	964
q1	2020-09-16	0.253511	0.349559	0.334215	29

q1	2020-09-17	0.262591	0.331994	0.339053418
q1	2020-09-18	0.283573	0.316762	0.295208019
q1	2020-09-19	0.234852	0.343643	0.273261375
q1	2020-09-20	0.215852	0.325418	0.284726459
q1	2020-09-21	0.202758	0.269495	0.311147186
q1	2020-09-22	0.215968	0.234111	0.309680894
q1	2020-09-23	0.234474	0.172548	0.306666667
q1	2020-09-24	0.227638	0.246473	0.321206162
q1	2020-09-25	0.231926	0.26884	0.359971202
q1	2020-09-26	0.271613	0.306139	0.409330128
q1	2020-09-27	0.295256	0.320144	0.392939964
q1	2020-09-28	0.341671	0.343558	0.424776517
q1	2020-09-29	0.319754	0.326477	0.426252116
q1	2020-09-30	0.346865	0.354259	0.446260214
q1	2020-10-01	0.386623	0.308308	0.448713897
q1	2020-10-02	0.368098	0.296409	0.457364827
q1	2020-10-03	0.345423	0.232098	0.448288925
q1	2020-10-04	0.338875	0.199497	0.480161739
q1	2020-10-05	0.295193	0.199341	0.528595083
q1	2020-10-06	0.316394	0.265638	0.575512269
q1	2020-10-07	0.332651	0.286847	0.605907599
q1	2020-10-08	0.321419	0.301508	0.601989734
q1	2020-10-09	0.348477	0.349854	0.575631596
q1	2020-10-10	0.377138	0.375595	0.584275372
q1	2020-10-11	0.385924	0.398744	0.583595203
q1	2020-10-12	0.436479	0.426606	0.545980792
q1	2020-10-13	0.4329	0.400498	0.520485787
q1	2020-10-14	0.395469	0.3615	0.493037511
q1	2020-10-15	0.4158	0.353774	0.545031572
q1	2020-10-16	0.424414	0.39533	0.586510264
q1	2020-10-17	0.420083	0.407785	0.560545688
q1	2020-10-18	0.409556	0.495549	0.580062053
q1	2020-10-19	0.40199	0.539617	0.591133005
q1	2020-10-20	0.455163	0.542463	0.602917342
q1	2020-10-21	0.488467	0.626735	0.614807145
q1	2020-10-22	0.486783	0.680821	0.61534517
q1	2020-10-23	0.517717	0.665366	0.673465461
q1	2020-10-24	0.538612	0.671319	0.737210041
q1	2020-10-25	0.573782	0.617063	0.749567557
q1	2020-10-26	0.604578	0.60423	0.771825139
q1	2020-10-27	0.580403	0.657407	0.808678501
q1	2020-10-28	0.588155	0.677243	0.855380943
q1	2020-10-29	0.632384	0.678841	0.924666848
q1	2020-10-30	0.602072	0.644657	0.949105915
q1	2020-10-31	0.663859	0.671208	0.9203316
q1	2020-11-01	0.692237	0.707357	0.945692233
q1	2020-11-02	0.749195	0.752262	0.942934972
q1	2020-11-03	0.804646	0.739827	0.964607419

q1	2020-11-04	0.882724	0.740208	1.037005469
q1	2020-11-05	0.99283	0.893844	1.03020534
q1	2020-11-06	1.028454	0.896199	1.100553695
q1	2020-11-07	1	0.892942	1.211918313
q1	2020-11-08	1.025876	0.890538	1.298528335
q1	2020-11-09	1.086957	1.01637	1.49934811
q1	2020-11-10	1.130052	1.086476	1.703675345
q1	2020-11-11	1.223975	1.1477	1.794463888
q1	2020-11-12	1.236203	1.098018	1.9264
q1	2020-11-13	1.289181	1.343795	2.010376135
q1	2020-11-14	1.337191	1.387485	2.045110804
q1	2020-11-15	1.452132	1.457041	2.106183971
q1	2020-11-16	1.428097	1.420755	2.159753171
q1	2020-11-17	1.428284	1.413255	2.016409401
q1	2020-11-18	1.471796	1.425743	2.104293609
q1	2020-11-19	1.402031	1.431002	2.114134705
q1	2020-11-20	1.438106	1.403125	2.152234737
q1	2020-11-21	1.47089	1.435693	2.177193361
q1	2020-11-22	1.384531	1.48721	2.171099928
q1	2020-11-23	1.397054	1.479915	2.145985401
q1	2020-11-24	1.486937	1.533151	2.309520273
q1	2020-11-25	1.494197	1.566155	2.144308178
q1	2020-11-26	1.453086	1.592225	2.142123152
q1	2020-11-27	1.435869	1.423672	2.046830201
q1	2020-11-28	1.579996	1.4236	2.043288645
q1	2020-11-29	1.733827	1.489856	2.077900913
q1	2020-11-30	1.705786	1.53911	2.120890774
q1	2020-12-01	1.727876	1.637612	2.049674463
q1	2020-12-02	1.705007	1.587302	2.158840214
q1	2020-12-03	1.904373	1.587789	2.235969293
q1	2020-12-04	2.03213	1.797892	2.398277398
q1	2020-12-05	2.012815	1.927861	2.505017468
q1	2020-12-06	1.92484	1.879025	2.515113068
q1	2020-12-07	2.110274	2.039082	2.537881615
q1	2020-12-08	2.047708	1.992159	2.548488949
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q1	2020-12-10	2.021238	2.035427	2.60200154
q1	2020-12-11	1.980343	1.937984	2.498066512
q1	2020-12-12	2.010942	1.878984	2.449455677
q1	2020-12-13	2.133017	1.952518	2.596094234
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q1	2020-12-15	2.241084	1.867897	2.672955975
q1	2020-12-16	2.238975	1.972184	2.682515461
q1	2020-12-17	2.209436	1.952403	2.644191043
q1	2020-12-18	2.18511	2.007383	2.666219502
q1	2020-12-19	2.122141	2.02572	2.709958889
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q1	2020-12-21	2.062915	2.004481	2.5

q1	2020-12-22	1.920635	1.907847	2.520709005
q1	2020-12-23	1.873339	1.889259	2.431449108
q1	2020-12-24	1.929906	1.870161	2.482558666
q1	2020-12-25	1.954876	1.84608	2.474690664
q1	2020-12-26	1.929236	1.752295	2.460933845
q1	2020-12-27	1.779738	1.799696	2.439703154
q1	2020-12-28	1.759819	1.741236	2.500230649
q1	2020-12-29	1.791312	1.814059	2.520627437
q1	2020-12-30	1.833768	1.800693	2.673940261
q1	2020-12-31	1.954277	1.908018	2.658594367
q1	2021-01-01	2.014244	1.757066	2.749894559
q1	2021-01-02	2.171739	1.947841	2.968398232
q1	2021-01-03	2.25158	2.097225	3.068191166
q1	2021-01-04	2.366277	2.143236	3.088958787
q1	2021-01-05	2.443716	2.206503	3.114702652
q1	2021-01-06	2.423897	2.10837	3.077401306
q1	2021-01-07	2.351353	2.030776	3.173040515
q1	2021-01-08	2.338258	2.170737	3.177918687
q1	2021-01-09	2.294844	2.112751	2.956586826
q1	2021-01-10	2.414093	1.900288	3.023967744
q1	2021-01-11	2.282839	1.795255	3.009535161
q1	2021-01-12	2.277206	1.743197	3.061997878
q1	2021-01-13	2.268071	1.913672	2.911661852
q1	2021-01-14	2.231058	1.9878	2.718578206
q1	2021-01-15	2.269367	1.98375	2.622628675
q1	2021-01-16	2.129691	1.940532	2.552291777
q1	2021-01-17	2.038563	2.010154	2.351598174
q1	2021-01-18	2.072426	1.992735	2.247191011
q1	2021-01-19	1.945525	2.023539	2.076361424
q1	2021-01-20	1.959803	1.931375	2.168984281
q1	2021-01-21	1.936081	1.83289	2.239429135
q1	2021-01-22	1.846198	1.711143	2.136882129
q1	2021-01-23	1.876866	1.661027	2.181626029
q1	2021-01-24	1.821532	1.605269	2.282796426
q1	2021-01-25	1.829355	1.651621	2.292051756
q1	2021-01-26	1.841502	1.515309	2.397490477
q1	2021-01-27	1.746725	1.497504	2.365671642
q1	2021-01-28	1.766557	1.523589	2.319317672
q1	2021-01-29	1.792012	1.590351	2.346746897
q1	2021-01-30	1.735436	1.598369	2.347489174
q1	2021-01-31	1.702865	1.516945	2.196628785
q1	2021-02-01	1.632047	1.414618	2.108768036
q1	2021-02-02	1.600958	1.413547	1.991522035
q1	2021-02-03	1.546198	1.408927	1.944466672
q1	2021-02-04	1.481925	1.490864	1.918005275
q1	2021-02-05	1.390533	1.502596	1.933898708
q1	2021-02-06	1.37574	1.486014	1.804001891
q1	2021-02-07	1.369965	1.536435	1.819915759

q1	2021-02-08	1.438381	1.503522	1.781209388
q1	2021-02-09	1.472172	1.599501	1.710367691
q1	2021-02-10	1.543343	1.578893	1.734364442
q1	2021-02-11	1.54025	1.485822	1.760722348
q1	2021-02-12	1.570757	1.441441	1.750265192
q1	2021-02-13	1.656482	1.453613	1.82791587
q1	2021-02-14	1.583327	1.365591	1.879699248
q1	2021-02-15	1.479464	1.389193	1.822571851
q1	2021-02-16	1.389808	1.268476	1.878081227
q1	2021-02-17	1.322386	1.237159	1.754109966
q1	2021-02-18	1.261669	1.166407	1.602820965
q1	2021-02-19	1.23124	1.055757	1.596645432
q1	2021-02-20	1.119538	1.080731	1.526656542
q1	2021-02-21	1.221851	1.131838	1.519497635
q1	2021-02-22	1.211344	1.144684	1.576182137
q1	2021-02-23	1.265107	1.07943	1.5525864
q1	2021-02-24	1.239289	1.046488	1.553568811
q1	2021-02-25	1.208714	1.000589	1.523202267
q1	2021-02-26	1.158757	1.038029	1.47415046
q1	2021-02-27	1.179392	0.966231	1.547455296
q1	2021-02-28	1.1182	0.963808	1.499758104
q1	2021-03-01	1.151226	0.914575	1.517241379
q1	2021-03-02	1.067835	0.911206	1.476631608
q1	2021-03-03	1.130713	0.943215	1.521255904
q1	2021-03-04	1.172428	0.967062	1.540917609
q1	2021-03-05	1.202807	0.954745	1.494212557
q1	2021-03-06	1.181891	0.930056	1.40193467
q1	2021-03-07	1.181704	0.930364	1.36623449
q1	2021-03-08	1.142482	0.982209	1.263713373
q1	2021-03-09	1.246187	1.020129	1.243339254
q1	2021-03-10	1.19382	0.966402	1.221259466
q1	2021-03-11	1.160137	0.97252	1.213101496
q1	2021-03-12	1.172984	1.008871	1.248849744
q1	2021-03-13	1.182736	1.004896	1.23321281
q1	2021-03-14	1.261538	1.019195	1.280072044
q1	2021-03-15	1.299821	1.060645	1.352903638
q1	2021-03-16	1.236674	1.134328	1.425922374
q1	2021-03-17	1.271831	1.133072	1.578981014
q1	2021-03-18	1.325142	1.155471	1.585569393
q1	2021-03-19	1.311063	1.181826	1.616553508
q1	2021-03-20	1.319797	1.224349	1.739581981
q1	2021-03-21	1.214383	1.173293	1.702017923
q1	2021-03-22	1.181125	1.146226	1.703892789
q1	2021-03-23	1.185953	1.093687	1.721202951
q1	2021-03-24	1.208061	1.144275	1.629610915
q1	2021-03-25	1.195559	1.209646	1.661754562
q1	2021-03-26	1.197334	1.250193	1.73918464
q1	2021-03-27	1.21006	1.193664	1.63026761

q1	2021-03-28	1.256504	1.208886	1.700364806
q1	2021-03-29	1.252017	1.146679	1.766541823
q1	2021-03-30	1.245184	1.06281	1.711983887
q1	2021-03-31	1.265682	1.084097	1.749106639
q1	2021-04-01	1.295884	1.031849	1.897122485
q1	2021-04-02	1.310893	0.997445	1.940676316
q1	2021-04-03	1.340258	1.042701	2.071859428
q1	2021-04-04	1.383929	1.035013	2.123450277
q1	2021-04-05	1.468332	1.095325	2.248590534
q1	2021-04-06	1.53688	1.156702	2.234346584
q1	2021-04-07	1.60188	1.125144	2.178230508
q1	2021-04-08	1.664017	1.120551	2.010176519
q1	2021-04-09	1.724682	1.169465	1.918025777
q1	2021-04-10	1.737592	1.162708	1.849063422
q1	2021-04-11	1.676006	1.212207	1.841501441
q1	2021-04-12	1.566995	1.190223	1.774664332
q1	2021-04-13	1.543731	1.190731	1.817760797
q1	2021-04-14	1.501992	1.191502	1.952491309
q1	2021-04-15	1.492995	1.199532	2.102519548
q1	2021-04-16	1.415143	1.165689	2.123924873
q1	2021-04-17	1.385906	1.188913	2.129286513
q1	2021-04-18	1.386757	1.15084	2.049228595
q1	2021-04-19	1.424996	1.117676	1.969845763
q1	2021-04-20	1.426316	1.158847	1.938141937
q1	2021-04-21	1.385998	1.201923	1.761783734
q1	2021-04-22	1.328312	1.104545	1.685620274
q1	2021-04-23	1.341943	1.021199	1.630309989
q1	2021-04-24	1.327345	0.986541	1.591481566
q1	2021-04-25	1.34092	1.003321	1.640088531
q1	2021-04-26	1.345557	1.009747	1.622115604
q1	2021-04-27	1.336806	0.998004	1.708628006
q1	2021-04-28	1.276865	0.940313	1.768371414
q1	2021-04-29	1.228104	0.981667	1.759514617
q1	2021-04-30	1.204017	1.030862	1.745649557
q1	2021-05-01	1.177146	0.979711	1.793088459
q1	2021-05-02	1.097913	0.953797	1.683916984
q1	2021-05-03	1.016679	0.948732	1.598814125
q1	2021-05-04	0.981175	0.909035	1.500552835
q1	2021-05-05	0.994177	0.905932	1.46031746
q1	2021-05-06	0.936285	0.881967	1.349843227
q1	2021-05-07	0.877361	0.810658	1.359243921
q1	2021-05-08	0.834327	0.815166	1.282462328
q1	2021-05-09	0.806099	0.740932	1.287107022
q1	2021-05-10	0.797627	0.69314	1.319318991
q1	2021-05-11	0.780303	0.650647	1.258101411
q1	2021-05-12	0.704327	0.558516	1.165817156
q1	2021-05-13	0.726737	0.548434	1.140725523
q1	2021-05-14	0.737921	0.568359	1.030042918

q1	2021-05-15	0.713888	0.549115	0.975609756
q1	2021-05-16	0.740942	0.606169	0.915154335
q1	2021-05-17	0.768269	0.606203	0.838736235
q1	2021-05-18	0.733389	0.635457	0.797653355
q1	2021-05-19	0.733785	0.610599	0.761719748
q1	2021-05-20	0.7226	0.600103	0.728848114
q1	2021-05-21	0.70769	0.535796	0.687898089
q1	2021-05-22	0.699991	0.51408	0.713526643
q1	2021-05-23	0.677501	0.466492	0.687337712
q1	2021-05-24	0.598112	0.42796	0.658334619
q1	2021-05-25	0.585072	0.390715	0.658165364
q1	2021-05-26	0.592253	0.385345	0.63947192
q1	2021-05-27	0.534643	0.377052	0.599018848
q1	2021-05-28	0.517954	0.40144	0.615673589
q1	2021-05-29	0.50672	0.442371	0.559380379
q1	2021-05-30	0.453918	0.422233	0.592567979
q1	2021-05-31	0.438577	0.434172	0.536774783
q1	2021-06-01	0.399271	0.419127	0.534941953
q1	2021-06-02	0.370977	0.442898	0.527779354
q1	2021-06-03	0.379212	0.431719	0.609861343
q1	2021-06-04	0.369877	0.408522	0.577208824
q1	2021-06-05	0.338113	0.369936	0.558160304
q1	2021-06-06	0.350137	0.388152	0.500807754
q1	2021-06-07	0.375139	0.357313	0.494972125
q1	2021-06-08	0.389072	0.333576	0.422765946
q1	2021-06-09	0.38574	0.309729	0.401457926
q1	2021-06-10	0.380371	0.288548	0.29327049
q1	2021-06-11	0.345473	0.253271	0.324454446
q1	2021-06-12	0.326392	0.258865	0.344629523
q1	2021-06-13	0.333087	0.217746	0.335500105
q1	2021-06-14	0.31462	0.200449	0.367431706
q1	2021-06-15	0.304853	0.210983	0.388939208
q1	2021-06-16	0.272302	0.223754	0.377073906
q1	2021-06-17	0.260639	0.219165	0.400671395
q1	2021-06-18	0.255226	0.23592	0.346564141
q1	2021-06-19	0.26116	0.235949	0.354972301
q1	2021-06-20	0.260918	0.259255	0.40703354
q1	2021-06-21	0.250268	0.276459	0.364348252
q1	2021-06-22	0.225065	0.235593	0.372419081
q1	2021-06-23	0.247127	0.218354	0.379016754
q1	2021-06-24	0.241574	0.231073	0.370513742
q1	2021-06-25	0.260275	0.206624	0.389559797
q1	2021-06-26	0.271781	0.175875	0.364411056
q1	2021-06-27	0.242849	0.163458	0.329719459
q1	2021-06-28	0.246904	0.158701	0.32433037
q1	2021-06-29	0.246125	0.17579	0.32380527
q1	2021-06-30	0.246173	0.200877	0.330458161
q1	2021-07-01	0.247066	0.17711	0.348412475

q1	2021-07-02	0.239595	0.196427	0.311209189
q1	2021-07-03	0.227755	0.201416	0.327041138
q1	2021-07-04	0.232721	0.178001	0.279606221
q1	2021-07-05	0.245587	0.163063	0.267239877
q1	2021-07-06	0.259562	0.144761	0.26604974
q1	2021-07-07	0.254221	0.137923	0.292733326
q1	2021-07-08	0.286706	0.167244	0.303429324
q1	2021-07-09	0.297104	0.172773	0.336067441
q1	2021-07-10	0.298441	0.191342	0.365004492
q1	2021-07-11	0.291642	0.208806	0.404521778
q1	2021-07-12	0.29994	0.229788	0.455479642
q1	2021-07-13	0.29799	0.303177	0.461598354
q1	2021-07-14	0.313243	0.310012	0.439646057
q1	2021-07-15	0.30311	0.307822	0.485089025
q1	2021-07-16	0.282885	0.337919	0.534199802
q1	2021-07-17	0.308035	0.350707	0.531708668
q1	2021-07-18	0.318778	0.379495	0.574776169
q1	2021-07-19	0.335632	0.425634	0.60699702
q1	2021-07-20	0.356603	0.480365	0.623689149
q1	2021-07-21	0.354737	0.558626	0.696941203
q1	2021-07-22	0.379303	0.594958	0.651501767
q1	2021-07-23	0.418989	0.659661	0.659594349
q1	2021-07-24	0.434906	0.678143	0.700640429
q1	2021-07-25	0.450907	0.713457	0.711626889
q1	2021-07-26	0.5019	0.815483	0.835152838
q1	2021-07-27	0.575649	0.836558	0.986537309
q1	2021-07-28	0.6275	0.993133	1.13783434
q1	2021-07-29	0.665912	1.105827	1.274573342
q1	2021-07-30	0.745141	1.161921	1.374053996
q1	2021-07-31	0.854466	1.248483	1.491816474
q1	2021-08-01	0.956148	1.327408	1.683972669
q1	2021-08-02	0.99523	1.324618	1.7673765
q1	2021-08-03	1.022123	1.345395	1.783783784
q1	2021-08-04	1.107404	1.340451	1.848931426
q1	2021-08-05	1.174	1.369224	1.993209944
q1	2021-08-06	1.230114	1.558774	2.109310629
q1	2021-08-07	1.269097	1.660377	2.200099004
q1	2021-08-08	1.388841	1.747257	2.292011019
q1	2021-08-09	1.465416	1.870079	2.407397275
q1	2021-08-10	1.535535	2.084657	2.539265583
q1	2021-08-11	1.539258	2.10386	2.669584245
q1	2021-08-12	1.586155	2.135743	2.617886179
q1	2021-08-13	1.620506	2.061618	2.687358062
q1	2021-08-14	1.620718	2.095929	2.739132788
q1	2021-08-15	1.611573	2.20618	2.765945975
q1	2021-08-16	1.619198	2.278364	2.797389816
q1	2021-08-17	1.623955	2.160636	2.746580082
q1	2021-08-18	1.7054	2.204958	2.733569502

q1	2021-08-19	1.682256	2.232473	2.782168827	
q1	2021-08-20	1.678163	2.282323	2.829940561	12
q1	2021-08-21	1.712899	2.229081	2.921890573	12
q1	2021-08-22	1.723296	2.245051	3.032548293	12
q1	2021-08-23	1.768636	2.206521	3.080708135	12
q1	2021-08-24	1.7849	2.281654	3.084778215	12
q1	2021-08-25	1.758442	2.328567	3.063445713	12
q1	2021-08-26	1.803509	2.341314	3.058623619	12
q1	2021-08-27	1.769445	2.251164	2.993948402	12

max_quartil	date	ven	day_0	en_day_5	en_day_12	Vertical Line
q2	2020-08-01	0.700935	0.698812	0.702988		
q2	2020-08-02	0.610288	0.473071	0.689853		
q2	2020-08-03	0.592394	0.362144	0.880551		
q2	2020-08-04	0.50732	0.46595	0.906736		
q2	2020-08-05	0.520532	0.431158	0.910873		
q2	2020-08-06	0.498705	0.437611	0.916205		
q2	2020-08-07	0.498896	0.476287	0.898747		
q2	2020-08-08	0.481279	0.445389	0.922646		
q2	2020-08-09	0.497472	0.457166	0.8933		
q2	2020-08-10	0.481515	0.505702	0.774364		
q2	2020-08-11	0.479013	0.468641	0.71004		
q2	2020-08-12	0.486145	0.496919	0.717489		
q2	2020-08-13	0.48856	0.49054	0.680774		
q2	2020-08-14	0.523132	0.470612	0.69709		
q2	2020-08-15	0.532656	0.443012	0.680548		
q2	2020-08-16	0.464889	0.468718	0.687925		
q2	2020-08-17	0.463151	0.415527	0.739431		
q2	2020-08-18	0.478896	0.362392	0.736412		
q2	2020-08-19	0.465382	0.344269	0.722755		
q2	2020-08-20	0.476151	0.333704	0.763359		
q2	2020-08-21	0.419029	0.351688	0.761047		
q2	2020-08-22	0.402431	0.342087	0.75875		
q2	2020-08-23	0.442587	0.320673	0.724815		
q2	2020-08-24	0.434783	0.361845	0.701754		
q2	2020-08-25	0.430571	0.383567	0.700725		
q2	2020-08-26	0.385752	0.361264	0.656083		
q2	2020-08-27	0.391453	0.394417	0.581208		
q2	2020-08-28	0.384521	0.349507	0.557891		
q2	2020-08-29	0.382861	0.336426	0.526316		
q2	2020-08-30	0.333713	0.332829	0.560718		
q2	2020-08-31	0.364697	0.331625	0.548054		
q2	2020-09-01	0.379645	0.303951	0.580517		
q2	2020-09-02	0.417725	0.293255	0.565287		
q2	2020-09-03	0.386831	0.260835	0.575494		
q2	2020-09-04	0.428689	0.260678	0.517228		
q2	2020-09-05	0.425811	0.298924	0.505969		
q2	2020-09-06	0.457853	0.282315	0.496119		
q2	2020-09-07	0.402609	0.23976	0.470645		
q2	2020-09-08	0.370251	0.309907	0.425935		
q2	2020-09-09	0.367353	0.33246	0.424195		
q2	2020-09-10	0.383111	0.297955	0.388802		
q2	2020-09-11	0.369152	0.31759	0.413223		
q2	2020-09-12	0.32188	0.29252	0.398126		
q2	2020-09-13	0.329582	0.310623	0.386668		
q2	2020-09-14	0.343109	0.363599	0.390775		
q2	2020-09-15	0.355757	0.319127	0.394837		
q2	2020-09-16	0.346662	0.315779	0.410969		

q2	2020-09-17	0.395416	0.39805	0.451952
q2	2020-09-18	0.392975	0.394984	0.451584
q2	2020-09-19	0.449655	0.411644	0.451852
q2	2020-09-20	0.458089	0.382278	0.462825
q2	2020-09-21	0.482587	0.359537	0.463517
q2	2020-09-22	0.490827	0.356592	0.469869
q2	2020-09-23	0.521251	0.346587	0.433807
q2	2020-09-24	0.495946	0.317827	0.425723
q2	2020-09-25	0.490731	0.267099	0.405455
q2	2020-09-26	0.503798	0.237349	0.454446
q2	2020-09-27	0.474587	0.226543	0.471595
q2	2020-09-28	0.437901	0.208057	0.5019
q2	2020-09-29	0.458888	0.304154	0.537326
q2	2020-09-30	0.421465	0.335024	0.645856
q2	2020-10-01	0.416121	0.310228	0.631258
q2	2020-10-02	0.412708	0.391017	0.690212
q2	2020-10-03	0.353357	0.429799	0.716151
q2	2020-10-04	0.366943	0.479217	0.744921
q2	2020-10-05	0.37989	0.514436	0.734169
q2	2020-10-06	0.357143	0.418804	0.696091
q2	2020-10-07	0.416293	0.465068	0.633781
q2	2020-10-08	0.425703	0.480622	0.678222
q2	2020-10-09	0.438038	0.451354	0.670891
q2	2020-10-10	0.549537	0.484956	0.671934
q2	2020-10-11	0.600156	0.47193	0.676172
q2	2020-10-12	0.62898	0.468828	0.75522
q2	2020-10-13	0.708717	0.573556	0.846252
q2	2020-10-14	0.698094	0.593108	0.892723
q2	2020-10-15	0.721249	0.720627	0.91638
q2	2020-10-16	0.773032	0.720043	1.007908
q2	2020-10-17	0.722717	0.644809	0.982782
q2	2020-10-18	0.675676	0.679212	1.00048
q2	2020-10-19	0.69145	0.69616	0.984236
q2	2020-10-20	0.678049	0.648464	1.011723
q2	2020-10-21	0.678326	0.669205	1.079774
q2	2020-10-22	0.697825	0.623989	1.194485
q2	2020-10-23	0.712378	0.630156	1.151263
q2	2020-10-24	0.770176	0.778255	1.217184
q2	2020-10-25	0.872971	0.766058	1.290685
q2	2020-10-26	0.87233	0.886525	1.335694
q2	2020-10-27	0.853589	0.935797	1.294917
q2	2020-10-28	0.881201	0.849181	1.385928
q2	2020-10-29	0.920977	0.857384	1.375115
q2	2020-10-30	0.952618	0.931715	1.546392
q2	2020-10-31	0.96715	0.879802	1.599521
q2	2020-11-01	0.990017	1.034483	1.605001
q2	2020-11-02	1.10861	1.060158	1.711864
q2	2020-11-03	1.173631	1.008238	1.867731

q2	2020-11-04	1.187215	1.221264	2.016637
q2	2020-11-05	1.183048	1.294612	2.052131
q2	2020-11-06	1.231723	1.288337	1.99265
q2	2020-11-07	1.28075	1.42669	2.06941
q2	2020-11-08	1.374517	1.502468	2.219932
q2	2020-11-09	1.38322	1.546176	2.3664
q2	2020-11-10	1.480424	1.642053	2.550503
q2	2020-11-11	1.580968	1.683147	2.597812
q2	2020-11-12	1.674184	1.772368	2.670576
q2	2020-11-13	1.744548	1.909929	2.852564
q2	2020-11-14	1.83061	1.940652	2.959935
q2	2020-11-15	1.822396	1.925787	3.008985
q2	2020-11-16	1.852905	1.959835	3.003212
q2	2020-11-17	1.928148	2.115813	2.860653
q2	2020-11-18	1.966642	2.010741	2.80232
q2	2020-11-19	1.995658	1.897223	2.864654
q2	2020-11-20	1.975268	1.838935	2.764851
q2	2020-11-21	1.94789	1.78934	2.830189
q2	2020-11-22	1.948434	1.856594	2.805722
q2	2020-11-23	2.076975	1.934135	2.905821
q2	2020-11-24	2.044308	1.874163	3.082025
q2	2020-11-25	2.017514	2.055261	3.007519
q2	2020-11-26	1.925087	2.076564	3.076104
q2	2020-11-27	1.921727	2.063176	3.117895
q2	2020-11-28	1.957311	2.059367	3.11848
q2	2020-11-29	1.913749	1.954397	3.137685
q2	2020-11-30	1.890125	1.981751	3.198781
q2	2020-12-01	1.891607	2.044003	3.245154
q2	2020-12-02	1.986229	2.052868	3.372081
q2	2020-12-03	2.296727	2.300762	3.413714
q2	2020-12-04	2.312805	2.414654	3.505317
q2	2020-12-05	2.336324	2.466713	3.46014
q2	2020-12-06	2.44185	2.608941	3.512559
q2	2020-12-07	2.491679	2.784059	3.455724
q2	2020-12-08	2.587616	2.763605	3.431756
q2	2020-12-09	2.615385	2.80427	3.407653
q2	2020-12-10	2.416809	2.755682	3.489619
q2	2020-12-11	2.428196	2.739726	3.472832
q2	2020-12-12	2.431889	2.750071	3.490316
q2	2020-12-13	2.464236	2.718558	3.448276
q2	2020-12-14	2.422337	2.406877	3.386117
q2	2020-12-15	2.399926	2.473195	3.350881
q2	2020-12-16	2.408268	2.459971	3.509317
q2	2020-12-17	2.476483	2.291543	3.440633
q2	2020-12-18	2.533103	2.272057	3.458183
q2	2020-12-19	2.643634	2.453621	3.370906
q2	2020-12-20	2.596163	2.623733	3.344017
q2	2020-12-21	2.572718	2.637926	3.266059

q2	2020-12-22	2.462249	2.416128	3.132238
q2	2020-12-23	2.458548	2.401108	2.906327
q2	2020-12-24	2.35509	2.42579	2.827554
q2	2020-12-25	2.382115	2.32596	2.65284
q2	2020-12-26	2.232793	2.124236	2.602723
q2	2020-12-27	2.226094	1.92619	2.541556
q2	2020-12-28	2.027676	1.908275	2.446705
q2	2020-12-29	2.192729	2.027782	2.591113
q2	2020-12-30	2.03143	1.832254	2.521812
q2	2020-12-31	2.051427	1.879872	2.43019
q2	2021-01-01	2.074115	2.079282	2.527646
q2	2021-01-02	2.08947	2.157848	2.761757
q2	2021-01-03	2.03013	2.159323	2.801795
q2	2021-01-04	2.253001	2.365747	2.904873
q2	2021-01-05	2.224878	2.302772	2.813987
q2	2021-01-06	2.281299	2.382303	2.957561
q2	2021-01-07	2.233205	2.204437	2.975547
q2	2021-01-08	2.165664	2.034517	3.04884
q2	2021-01-09	2.126277	1.873239	2.806643
q2	2021-01-10	2.204783	1.738025	2.758016
q2	2021-01-11	2.061759	1.52075	2.613999
q2	2021-01-12	1.974916	1.568963	2.582954
q2	2021-01-13	1.923975	1.506538	2.467822
q2	2021-01-14	1.925425	1.507892	2.440671
q2	2021-01-15	1.858597	1.604052	2.333269
q2	2021-01-16	1.760104	1.642827	2.475248
q2	2021-01-17	1.692421	1.652657	2.490069
q2	2021-01-18	1.765459	1.658398	2.514865
q2	2021-01-19	1.741406	1.661504	2.478939
q2	2021-01-20	1.636985	1.560758	2.501925
q2	2021-01-21	1.544781	1.659693	2.386658
q2	2021-01-22	1.52938	1.505134	2.373042
q2	2021-01-23	1.567539	1.486676	2.211929
q2	2021-01-24	1.583303	1.457195	2.144873
q2	2021-01-25	1.518828	1.471825	2.140041
q2	2021-01-26	1.412687	1.322268	2.121011
q2	2021-01-27	1.476658	1.370637	2.02722
q2	2021-01-28	1.572472	1.447442	1.964879
q2	2021-01-29	1.489499	1.408256	1.79754
q2	2021-01-30	1.445672	1.377221	1.702006
q2	2021-01-31	1.318967	1.376462	1.681076
q2	2021-02-01	1.2507	1.29622	1.620282
q2	2021-02-02	1.247788	1.161691	1.570531
q2	2021-02-03	1.254728	1.064679	1.472934
q2	2021-02-04	1.211565	0.888712	1.466028
q2	2021-02-05	1.226769	0.874636	1.500475
q2	2021-02-06	1.173261	0.753072	1.506966
q2	2021-02-07	1.196258	0.777134	1.495079

q2	2021-02-08	1.181592	0.783494	1.492537
q2	2021-02-09	1.087149	0.874788	1.44603
q2	2021-02-10	1.03751	0.921538	1.463645
q2	2021-02-11	0.92068	1.017131	1.387971
q2	2021-02-12	0.868717	1.074099	1.316161
q2	2021-02-13	0.885668	1.128855	1.321503
q2	2021-02-14	0.908355	1.038206	1.223359
q2	2021-02-15	0.873001	0.990659	1.138483
q2	2021-02-16	0.918527	0.961538	1.018167
q2	2021-02-17	0.921533	0.895904	0.908463
q2	2021-02-18	0.940811	0.732807	0.980198
q2	2021-02-19	0.895141	0.709417	0.998336
q2	2021-02-20	0.846389	0.695866	0.93747
q2	2021-02-21	0.768348	0.702825	0.935804
q2	2021-02-22	0.79413	0.65883	1.008736
q2	2021-02-23	0.784849	0.682853	1.039051
q2	2021-02-24	0.701154	0.696026	1.109487
q2	2021-02-25	0.721501	0.764394	1.040609
q2	2021-02-26	0.732323	0.767357	1.013514
q2	2021-02-27	0.683083	0.773975	1.014199
q2	2021-02-28	0.688439	0.760502	1.067164
q2	2021-03-01	0.689076	0.747686	0.970956
q2	2021-03-02	0.681016	0.778485	1.014199
q2	2021-03-03	0.773003	0.718757	0.950475
q2	2021-03-04	0.757825	0.6557	0.998502
q2	2021-03-05	0.778178	0.725639	1.005108
q2	2021-03-06	0.808996	0.657596	0.996541
q2	2021-03-07	0.82884	0.646096	1.03843
q2	2021-03-08	0.810194	0.687998	1.066775
q2	2021-03-09	0.813008	0.629871	1.047289
q2	2021-03-10	0.810956	0.734824	1.087394
q2	2021-03-11	0.828016	0.734908	1.032413
q2	2021-03-12	0.892054	0.688663	1.031587
q2	2021-03-13	0.953019	0.780368	1.048534
q2	2021-03-14	0.94088	0.825934	0.947603
q2	2021-03-15	0.966902	0.90574	0.985419
q2	2021-03-16	0.976373	0.917921	1.049233
q2	2021-03-17	1.010933	0.955551	1.11759
q2	2021-03-18	1.02277	1.027659	1.208163
q2	2021-03-19	1.035768	0.975449	1.313749
q2	2021-03-20	1.079722	1.008896	1.52276
q2	2021-03-21	1.123022	0.965373	1.611111
q2	2021-03-22	1.114206	0.858239	1.650139
q2	2021-03-23	1.118177	0.916979	1.683631
q2	2021-03-24	1.094316	0.980486	1.67862
q2	2021-03-25	1.10902	1.046775	1.795143
q2	2021-03-26	1.10343	1.116009	1.880854
q2	2021-03-27	1.070084	1.095433	1.918609

q2	2021-03-28	1.113513	1.245166	2.143729
q2	2021-03-29	1.201418	1.354187	2.212389
q2	2021-03-30	1.270656	1.404865	2.372507
q2	2021-03-31	1.358246	1.420671	2.604208
q2	2021-04-01	1.422466	1.393458	2.674699
q2	2021-04-02	1.527833	1.535919	2.777778
q2	2021-04-03	1.612479	1.701963	2.785876
q2	2021-04-04	1.722331	1.718927	2.64906
q2	2021-04-05	1.823472	1.79281	2.917355
q2	2021-04-06	1.820737	1.888163	3.013804
q2	2021-04-07	1.853481	2.049934	3.065704
q2	2021-04-08	1.918465	2.156311	3.229318
q2	2021-04-09	1.936706	2.164897	3.296393
q2	2021-04-10	1.953268	2.108584	3.369376
q2	2021-04-11	2.033406	2.117492	3.536116
q2	2021-04-12	2.05355	2.119619	3.479556
q2	2021-04-13	2.099817	2.10456	3.390406
q2	2021-04-14	2.081807	1.887742	3.352569
q2	2021-04-15	2.07717	1.848614	3.295051
q2	2021-04-16	2.056619	1.775	3.16395
q2	2021-04-17	2.02215	1.753951	3.100775
q2	2021-04-18	1.855058	1.669008	2.970768
q2	2021-04-19	1.8245	1.771963	2.872861
q2	2021-04-20	1.907374	1.827437	2.946942
q2	2021-04-21	1.96387	1.918526	2.86866
q2	2021-04-22	2.030808	1.932531	2.723137
q2	2021-04-23	1.967912	1.95713	2.692795
q2	2021-04-24	2.032546	2.000678	2.732423
q2	2021-04-25	2.019634	2.03839	2.698902
q2	2021-04-26	1.951189	1.982434	2.651992
q2	2021-04-27	1.79183	1.832611	2.581823
q2	2021-04-28	1.75144	1.735445	2.58336
q2	2021-04-29	1.692902	1.702331	2.670739
q2	2021-04-30	1.741087	1.557781	2.653768
q2	2021-05-01	1.670405	1.552089	2.534517
q2	2021-05-02	1.661169	1.526129	2.510027
q2	2021-05-03	1.601028	1.376711	2.621868
q2	2021-05-04	1.635871	1.377241	2.529588
q2	2021-05-05	1.487867	1.381451	2.464697
q2	2021-05-06	1.380506	1.329084	2.323619
q2	2021-05-07	1.275144	1.400669	2.309082
q2	2021-05-08	1.282437	1.308323	2.27656
q2	2021-05-09	1.236222	1.244004	2.244076
q2	2021-05-10	1.239948	1.227998	2.033786
q2	2021-05-11	1.148727	1.222837	1.958051
q2	2021-05-12	1.155125	1.142384	1.887537
q2	2021-05-13	1.123328	1.188038	1.843348
q2	2021-05-14	1.112223	1.13618	1.717444

q2	2021-05-15	1.020288	1.145833	1.67235
q2	2021-05-16	0.988496	1.22027	1.653422
q2	2021-05-17	0.965825	1.203434	1.601183
q2	2021-05-18	0.951249	1.122241	1.526816
q2	2021-05-19	0.953509	1.092569	1.560881
q2	2021-05-20	0.930101	0.969509	1.529092
q2	2021-05-21	0.916355	0.938794	1.57176
q2	2021-05-22	0.865586	0.853464	1.488229
q2	2021-05-23	0.829538	0.706134	1.386316
q2	2021-05-24	0.787191	0.669563	1.276161
q2	2021-05-25	0.770498	0.625	1.268485
q2	2021-05-26	0.731824	0.627556	1.152295
q2	2021-05-27	0.698191	0.625764	1.066597
q2	2021-05-28	0.676801	0.588668	0.969251
q2	2021-05-29	0.681302	0.577471	0.930833
q2	2021-05-30	0.682836	0.58965	0.896394
q2	2021-05-31	0.621931	0.509325	0.920069
q2	2021-06-01	0.596012	0.486771	0.83424
q2	2021-06-02	0.548151	0.505409	0.756908
q2	2021-06-03	0.524457	0.438562	0.740796
q2	2021-06-04	0.463524	0.422687	0.685381
q2	2021-06-05	0.453929	0.394417	0.659498
q2	2021-06-06	0.410783	0.362426	0.684786
q2	2021-06-07	0.413055	0.39207	0.680981
q2	2021-06-08	0.429843	0.412232	0.676618
q2	2021-06-09	0.444354	0.354717	0.692114
q2	2021-06-10	0.426526	0.346203	0.656058
q2	2021-06-11	0.416455	0.319149	0.635697
q2	2021-06-12	0.387773	0.343119	0.622117
q2	2021-06-13	0.39605	0.328796	0.560106
q2	2021-06-14	0.372927	0.294095	0.461926
q2	2021-06-15	0.355515	0.254081	0.448117
q2	2021-06-16	0.343249	0.237421	0.378522
q2	2021-06-17	0.328603	0.231589	0.34163
q2	2021-06-18	0.331355	0.25332	0.31909
q2	2021-06-19	0.312206	0.208173	0.31211
q2	2021-06-20	0.294132	0.210674	0.281057
q2	2021-06-21	0.299267	0.202445	0.312789
q2	2021-06-22	0.281379	0.219608	0.299316
q2	2021-06-23	0.271794	0.204034	0.307165
q2	2021-06-24	0.295532	0.182511	0.309264
q2	2021-06-25	0.30578	0.158755	0.312636
q2	2021-06-26	0.310264	0.184015	0.308076
q2	2021-06-27	0.286575	0.182888	0.286155
q2	2021-06-28	0.274456	0.215896	0.337639
q2	2021-06-29	0.252439	0.223553	0.329985
q2	2021-06-30	0.285065	0.250566	0.386748
q2	2021-07-01	0.284873	0.280719	0.414485

q2	2021-07-02	0.269828	0.27237	0.411404
q2	2021-07-03	0.293213	0.254392	0.416727
q2	2021-07-04	0.345045	0.270013	0.453629
q2	2021-07-05	0.352666	0.263301	0.382789
q2	2021-07-06	0.354325	0.237475	0.420463
q2	2021-07-07	0.326272	0.243087	0.398295
q2	2021-07-08	0.328253	0.217375	0.419287
q2	2021-07-09	0.347979	0.231188	0.453467
q2	2021-07-10	0.35839	0.245902	0.498546
q2	2021-07-11	0.357806	0.275072	0.537927
q2	2021-07-12	0.364332	0.325684	0.570212
q2	2021-07-13	0.373678	0.381913	0.554055
q2	2021-07-14	0.411058	0.366916	0.594251
q2	2021-07-15	0.400252	0.423403	0.590903
q2	2021-07-16	0.412704	0.457684	0.668735
q2	2021-07-17	0.388445	0.460936	0.686594
q2	2021-07-18	0.404678	0.459841	0.721743
q2	2021-07-19	0.390989	0.419303	0.815956
q2	2021-07-20	0.407098	0.417014	0.871141
q2	2021-07-21	0.382805	0.549616	0.897891
q2	2021-07-22	0.470164	0.569033	0.946306
q2	2021-07-23	0.497057	0.592768	0.992938
q2	2021-07-24	0.530343	0.665819	1.080667
q2	2021-07-25	0.532449	0.755649	1.255375
q2	2021-07-26	0.602962	0.805429	1.340278
q2	2021-07-27	0.71469	0.876482	1.457786
q2	2021-07-28	0.793961	0.833943	1.554297
q2	2021-07-29	0.789951	0.971938	1.623244
q2	2021-07-30	0.815158	1.085521	1.714905
q2	2021-07-31	0.907623	1.091465	1.74513
q2	2021-08-01	0.944582	1.15438	1.645251
q2	2021-08-02	1.039311	1.267121	1.752472
q2	2021-08-03	1.08148	1.352959	1.856453
q2	2021-08-04	1.118412	1.448405	1.987122
q2	2021-08-05	1.187731	1.420369	2.163073
q2	2021-08-06	1.275244	1.454876	2.161211
q2	2021-08-07	1.334257	1.532246	2.385165
q2	2021-08-08	1.434239	1.622981	2.577465
q2	2021-08-09	1.437381	1.682858	2.553132
q2	2021-08-10	1.415197	1.783944	2.604275
q2	2021-08-11	1.495082	1.823453	2.749165
q2	2021-08-12	1.591385	1.766677	2.843667
q2	2021-08-13	1.581768	1.768513	2.955364
q2	2021-08-14	1.628252	1.880995	2.878472
q2	2021-08-15	1.688222	1.876676	2.885964
q2	2021-08-16	1.756283	1.96281	3.033507
q2	2021-08-17	1.786945	2.025242	3.072626
q2	2021-08-18	1.764605	2.187341	3.040756

q2	2021-08-19	1.770977	2.257903	2.887222	
q2	2021-08-20	1.824942	2.376365	2.920887	12
q2	2021-08-21	1.836351	2.392716	2.987101	12
q2	2021-08-22	1.803948	2.435269	2.987827	12
q2	2021-08-23	1.737256	2.35667	2.888956	12
q2	2021-08-24	1.758889	2.352383	2.829851	12
q2	2021-08-25	1.788864	2.228468	2.718287	12
q2	2021-08-26	1.743992	2.199549	2.795322	12
q2	2021-08-27	1.685604	2.14629	2.719086	12

max_quartil	date	ven_day_0	ven_day_5	ven_day_12	Vertical Line
q3	2020-08-01	1.069322	0.693069	1.519392	
q3	2020-08-02	1.017997	0.969462	1.391129	
q3	2020-08-03	1.139287	0.866913	1.618252	
q3	2020-08-04	1.125372	1.011702	1.589193	
q3	2020-08-05	1.1344	1.033973	1.6205	
q3	2020-08-06	1.110762	1.024422	1.637263	
q3	2020-08-07	1.14335	1.082145	1.633144	
q3	2020-08-08	1.143412	1.131364	1.622835	
q3	2020-08-09	1.111291	1.081647	1.618829	
q3	2020-08-10	1.030543	1.110103	1.528023	
q3	2020-08-11	1.008753	1.102941	1.53811	
q3	2020-08-12	0.985117	1.07084	1.437953	
q3	2020-08-13	0.974731	1.033058	1.325213	
q3	2020-08-14	0.908179	0.983494	1.254521	
q3	2020-08-15	0.826229	0.949411	1.218217	
q3	2020-08-16	0.835611	0.922992	1.238217	
q3	2020-08-17	0.810996	0.909091	1.204549	
q3	2020-08-18	0.746347	0.855999	1.194616	
q3	2020-08-19	0.693277	0.829933	1.205968	
q3	2020-08-20	0.706584	0.799672	1.246661	
q3	2020-08-21	0.670543	0.793113	1.252207	
q3	2020-08-22	0.697408	0.726002	1.15894	
q3	2020-08-23	0.687729	0.727103	1.103244	
q3	2020-08-24	0.674979	0.668589	1.056052	
q3	2020-08-25	0.699588	0.578937	1.013693	
q3	2020-08-26	0.680447	0.567559	0.975533	
q3	2020-08-27	0.610893	0.569616	0.909665	
q3	2020-08-28	0.618429	0.505902	0.90493	
q3	2020-08-29	0.573565	0.540784	0.934823	
q3	2020-08-30	0.572071	0.511607	0.903253	
q3	2020-08-31	0.572714	0.556047	0.870647	
q3	2020-09-01	0.567862	0.606705	0.818749	
q3	2020-09-02	0.588175	0.615863	0.775626	
q3	2020-09-03	0.579622	0.594946	0.788974	
q3	2020-09-04	0.616878	0.588378	0.740115	
q3	2020-09-05	0.676699	0.592754	0.718348	
q3	2020-09-06	0.6652	0.581853	0.733472	
q3	2020-09-07	0.63162	0.594588	0.75438	
q3	2020-09-08	0.629651	0.552027	0.769838	
q3	2020-09-09	0.617429	0.527095	0.801613	
q3	2020-09-10	0.615023	0.538366	0.775879	
q3	2020-09-11	0.572421	0.563464	0.764362	
q3	2020-09-12	0.526635	0.531726	0.781971	
q3	2020-09-13	0.499393	0.511915	0.78496	
q3	2020-09-14	0.532497	0.527108	0.788524	
q3	2020-09-15	0.503356	0.546702	0.74595	
q3	2020-09-16	0.517241	0.512024	0.771671	

q3	2020-09-17	0.525511	0.50424	0.794509
q3	2020-09-18	0.533715	0.479124	0.765043
q3	2020-09-19	0.594696	0.497399	0.781067
q3	2020-09-20	0.582151	0.53479	0.762755
q3	2020-09-21	0.53072	0.507094	0.757963
q3	2020-09-22	0.577952	0.500882	0.807387
q3	2020-09-23	0.556008	0.534607	0.795037
q3	2020-09-24	0.559701	0.540756	0.8036
q3	2020-09-25	0.569051	0.552203	0.854308
q3	2020-09-26	0.519358	0.526793	0.850536
q3	2020-09-27	0.551273	0.496698	0.821223
q3	2020-09-28	0.57277	0.445346	0.826752
q3	2020-09-29	0.569721	0.47396	0.814205
q3	2020-09-30	0.564181	0.475328	0.779341
q3	2020-10-01	0.569481	0.51796	0.746578
q3	2020-10-02	0.549958	0.491525	0.750115
q3	2020-10-03	0.564789	0.494299	0.809291
q3	2020-10-04	0.573516	0.54222	0.8294
q3	2020-10-05	0.60169	0.571461	0.847265
q3	2020-10-06	0.595647	0.541083	0.857078
q3	2020-10-07	0.597001	0.593851	0.930954
q3	2020-10-08	0.612944	0.57995	0.992363
q3	2020-10-09	0.626719	0.60782	1.023146
q3	2020-10-10	0.654214	0.670588	1.003451
q3	2020-10-11	0.652066	0.640884	1.013988
q3	2020-10-12	0.63172	0.664693	1.02592
q3	2020-10-13	0.623747	0.671855	1.018929
q3	2020-10-14	0.651059	0.559065	1.08504
q3	2020-10-15	0.625894	0.532819	1.14368
q3	2020-10-16	0.621035	0.522718	1.133941
q3	2020-10-17	0.577802	0.484401	1.097143
q3	2020-10-18	0.569175	0.484569	1.148954
q3	2020-10-19	0.610358	0.507614	1.125601
q3	2020-10-20	0.628931	0.526407	1.181319
q3	2020-10-21	0.643641	0.632022	1.159806
q3	2020-10-22	0.751846	0.704225	1.142225
q3	2020-10-23	0.757159	0.723243	1.183459
q3	2020-10-24	0.803139	0.717014	1.254239
q3	2020-10-25	0.833488	0.759494	1.259363
q3	2020-10-26	0.790624	0.72794	1.376644
q3	2020-10-27	0.799814	0.762086	1.364847
q3	2020-10-28	0.771375	0.769555	1.36331
q3	2020-10-29	0.733851	0.781771	1.342152
q3	2020-10-30	0.749011	0.811272	1.338617
q3	2020-10-31	0.773111	0.844324	1.329618
q3	2020-11-01	0.756373	0.843109	1.419849
q3	2020-11-02	0.805475	0.938567	1.429952
q3	2020-11-03	0.831012	0.966716	1.522892

q3	2020-11-04	0.937255	1.030187	1.618644
q3	2020-11-05	0.945648	1.04179	1.747983
q3	2020-11-06	1.025315	1.102216	1.832473
q3	2020-11-07	1.028734	1.131105	1.912324
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q3	2020-11-09	1.215631	1.273958	2.045028
q3	2020-11-10	1.291726	1.293963	2.133296
q3	2020-11-11	1.292816	1.308173	2.174015
q3	2020-11-12	1.30119	1.306036	2.1792
q3	2020-11-13	1.304193	1.259833	2.29524
q3	2020-11-14	1.307658	1.269747	2.380837
q3	2020-11-15	1.309513	1.298388	2.494772
q3	2020-11-16	1.312098	1.309833	2.547771
q3	2020-11-17	1.256676	1.320092	2.680108
q3	2020-11-18	1.270654	1.32746	2.774404
q3	2020-11-19	1.370663	1.415432	2.820126
q3	2020-11-20	1.408769	1.509865	2.731603
q3	2020-11-21	1.46966	1.560697	2.692084
q3	2020-11-22	1.507379	1.504446	2.657384
q3	2020-11-23	1.545512	1.560248	2.690064
q3	2020-11-24	1.622332	1.666344	2.769391
q3	2020-11-25	1.606298	1.729549	2.831522
q3	2020-11-26	1.573944	1.719476	2.903447
q3	2020-11-27	1.542544	1.746208	3.004717
q3	2020-11-28	1.511947	1.838647	3.145617
q3	2020-11-29	1.509793	1.898823	3.235729
q3	2020-11-30	1.528354	1.851468	3.170046
q3	2020-12-01	1.564001	1.759792	3.01697
q3	2020-12-02	1.632709	1.757707	2.938067
q3	2020-12-03	1.670921	1.836149	2.892671
q3	2020-12-04	1.755968	1.914679	3.032043
q3	2020-12-05	1.889936	1.875756	2.98158
q3	2020-12-06	1.933503	1.893043	3.003112
q3	2020-12-07	1.986723	1.970675	3.065783
q3	2020-12-08	1.995254	2.104911	3.142056
q3	2020-12-09	2.066156	2.125963	3.13357
q3	2020-12-10	2.125809	2.096477	3.110048
q3	2020-12-11	2.160777	2.05664	2.955065
q3	2020-12-12	2.122481	2.090569	3.068454
q3	2020-12-13	2.116505	2.151525	3.08146
q3	2020-12-14	2.164397	2.186262	3.031234
q3	2020-12-15	2.239528	2.132435	3.152011
q3	2020-12-16	2.167588	2.096145	3.236672
q3	2020-12-17	2.14164	2.094558	3.345963
q3	2020-12-18	2.198124	2.07137	3.504787
q3	2020-12-19	2.211891	2.116004	3.481013
q3	2020-12-20	2.293488	2.046018	3.586037
q3	2020-12-21	2.178306	2.147632	3.726997

q3	2020-12-22	2.135231	2.191118	3.532461
q3	2020-12-23	2.217841	2.288535	3.559291
q3	2020-12-24	2.215819	2.375351	3.635068
q3	2020-12-25	2.160632	2.416781	3.622991
q3	2020-12-26	2.216689	2.260015	3.714751
q3	2020-12-27	2.281185	2.322086	3.718566
q3	2020-12-28	2.433333	2.232807	3.820509
q3	2020-12-29	2.542054	2.253873	4.017975
q3	2020-12-30	2.541899	2.439024	4.210115
q3	2020-12-31	2.604454	2.440962	4.33086
q3	2021-01-01	2.725885	2.583522	4.552156
q3	2021-01-02	2.800252	2.798769	4.643812
q3	2021-01-03	2.829766	2.906246	4.661573
q3	2021-01-04	2.841733	3.112277	4.734485
q3	2021-01-05	2.914624	3.266314	4.694809
q3	2021-01-06	2.997502	3.143245	4.617247
q3	2021-01-07	2.968142	3.037383	4.523974
q3	2021-01-08	2.795311	3.000942	4.429124
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q3	2021-01-10	2.767826	2.831822	4.185138
q3	2021-01-11	2.723349	2.641379	4.129255
q3	2021-01-12	2.571015	2.469727	4.111239
q3	2021-01-13	2.54322	2.424942	4.008329
q3	2021-01-14	2.498115	2.4776	3.96941
q3	2021-01-15	2.626557	2.474576	3.949833
q3	2021-01-16	2.530445	2.557905	3.797006
q3	2021-01-17	2.5	2.599234	3.769042
q3	2021-01-18	2.441037	2.541116	3.633759
q3	2021-01-19	2.404533	2.551088	3.531754
q3	2021-01-20	2.371115	2.516461	3.482483
q3	2021-01-21	2.421633	2.490989	3.459798
q3	2021-01-22	2.296	2.378681	3.281458
q3	2021-01-23	2.266019	2.233361	3.301406
q3	2021-01-24	2.240252	2.114615	3.325942
q3	2021-01-25	2.280599	1.975971	3.284707
q3	2021-01-26	2.250992	1.958272	3.260079
q3	2021-01-27	2.140562	1.888869	3.239042
q3	2021-01-28	2.064272	1.860722	3.103448
q3	2021-01-29	2.084743	1.841133	2.994533
q3	2021-01-30	2.08305	1.802517	2.973494
q3	2021-01-31	2.029837	1.737078	2.924651
q3	2021-02-01	1.997192	1.831436	2.775904
q3	2021-02-02	1.935076	1.758002	2.657309
q3	2021-02-03	1.908773	1.733511	2.541511
q3	2021-02-04	1.847472	1.673665	2.533735
q3	2021-02-05	1.786348	1.696934	2.527967
q3	2021-02-06	1.687393	1.680374	2.436077
q3	2021-02-07	1.581428	1.653435	2.438667

q3	2021-02-08	1.435137	1.607717	2.412908
q3	2021-02-09	1.432689	1.579861	2.368205
q3	2021-02-10	1.401466	1.561956	2.360525
q3	2021-02-11	1.340121	1.551806	2.336766
q3	2021-02-12	1.303074	1.493253	2.34031
q3	2021-02-13	1.294996	1.498721	2.279902
q3	2021-02-14	1.284891	1.487521	2.175787
q3	2021-02-15	1.263816	1.396482	2.075683
q3	2021-02-16	1.239214	1.320729	1.975701
q3	2021-02-17	1.198157	1.23764	1.87718
q3	2021-02-18	1.20914	1.234485	1.795001
q3	2021-02-19	1.206976	1.121196	1.645541
q3	2021-02-20	1.115754	1.103403	1.597744
q3	2021-02-21	1.096274	1.045408	1.554236
q3	2021-02-22	1.056573	1.030928	1.521897
q3	2021-02-23	1.007967	0.972894	1.542183
q3	2021-02-24	0.988583	0.955167	1.464114
q3	2021-02-25	0.922863	0.880643	1.389291
q3	2021-02-26	0.901328	0.868754	1.374521
q3	2021-02-27	0.880417	0.855298	1.36035
q3	2021-02-28	0.83806	0.931516	1.326046
q3	2021-03-01	0.816601	0.892605	1.323064
q3	2021-03-02	0.77769	0.850225	1.290784
q3	2021-03-03	0.743263	0.828589	1.268228
q3	2021-03-04	0.754222	0.768974	1.245306
q3	2021-03-05	0.727288	0.7582	1.267194
q3	2021-03-06	0.7284	0.762361	1.26487
q3	2021-03-07	0.703489	0.64928	1.209094
q3	2021-03-08	0.730503	0.609855	1.213164
q3	2021-03-09	0.726846	0.592624	1.154361
q3	2021-03-10	0.696837	0.620693	1.117603
q3	2021-03-11	0.683354	0.622613	1.110075
q3	2021-03-12	0.703714	0.614136	1.064376
q3	2021-03-13	0.69355	0.604807	1.094308
q3	2021-03-14	0.71659	0.637273	1.187536
q3	2021-03-15	0.706463	0.665688	1.187521
q3	2021-03-16	0.697614	0.719038	1.230176
q3	2021-03-17	0.731005	0.713352	1.258301
q3	2021-03-18	0.740468	0.77601	1.244539
q3	2021-03-19	0.675056	0.713848	1.255532
q3	2021-03-20	0.703059	0.684932	1.198586
q3	2021-03-21	0.718427	0.678958	1.112122
q3	2021-03-22	0.751662	0.724912	1.07919
q3	2021-03-23	0.732127	0.742824	1.027315
q3	2021-03-24	0.731046	0.718755	1.039229
q3	2021-03-25	0.733738	0.6956	1.050564
q3	2021-03-26	0.738573	0.767099	1.066547
q3	2021-03-27	0.731699	0.740015	1.049183

q3	2021-03-28	0.688976	0.749371	1.080868
q3	2021-03-29	0.695288	0.689688	1.104284
q3	2021-03-30	0.711304	0.649806	1.121767
q3	2021-03-31	0.728332	0.647067	1.118587
q3	2021-04-01	0.730192	0.640905	1.114218
q3	2021-04-02	0.763183	0.597808	1.124967
q3	2021-04-03	0.808352	0.627447	1.19105
q3	2021-04-04	0.8081	0.630737	1.187857
q3	2021-04-05	0.784052	0.650014	1.21703
q3	2021-04-06	0.762013	0.694444	1.230607
q3	2021-04-07	0.754869	0.711889	1.242586
q3	2021-04-08	0.755375	0.688828	1.25523
q3	2021-04-09	0.740718	0.710518	1.229542
q3	2021-04-10	0.718127	0.719736	1.202983
q3	2021-04-11	0.732295	0.710172	1.258474
q3	2021-04-12	0.714605	0.770224	1.309204
q3	2021-04-13	0.756881	0.726476	1.365215
q3	2021-04-14	0.753495	0.69148	1.37137
q3	2021-04-15	0.773052	0.788475	1.378641
q3	2021-04-16	0.787332	0.774402	1.4248
q3	2021-04-17	0.781613	0.772266	1.470078
q3	2021-04-18	0.817855	0.749017	1.4911
q3	2021-04-19	0.820872	0.733322	1.482475
q3	2021-04-20	0.811277	0.778308	1.38793
q3	2021-04-21	0.815787	0.818611	1.390119
q3	2021-04-22	0.799679	0.741605	1.363374
q3	2021-04-23	0.773794	0.722651	1.363952
q3	2021-04-24	0.761275	0.727167	1.339476
q3	2021-04-25	0.711449	0.747974	1.326937
q3	2021-04-26	0.686297	0.689228	1.273148
q3	2021-04-27	0.694425	0.676036	1.360518
q3	2021-04-28	0.686937	0.715571	1.352423
q3	2021-04-29	0.684259	0.731149	1.415575
q3	2021-04-30	0.698242	0.759317	1.446203
q3	2021-05-01	0.69879	0.760066	1.437978
q3	2021-05-02	0.689636	0.740893	1.347811
q3	2021-05-03	0.713279	0.726956	1.375706
q3	2021-05-04	0.688537	0.691458	1.337687
q3	2021-05-05	0.658349	0.610329	1.349469
q3	2021-05-06	0.684852	0.573336	1.334352
q3	2021-05-07	0.652054	0.59906	1.298858
q3	2021-05-08	0.617212	0.559669	1.265002
q3	2021-05-09	0.616758	0.57343	1.368
q3	2021-05-10	0.615583	0.625413	1.339599
q3	2021-05-11	0.627768	0.633921	1.284886
q3	2021-05-12	0.645424	0.654672	1.280372
q3	2021-05-13	0.610091	0.681217	1.244068
q3	2021-05-14	0.646552	0.645678	1.193521

q3	2021-05-15	0.650158	0.643711	1.207065
q3	2021-05-16	0.639677	0.628658	1.140923
q3	2021-05-17	0.638046	0.592484	1.076936
q3	2021-05-18	0.613281	0.593865	1.120797
q3	2021-05-19	0.592912	0.573114	1.135102
q3	2021-05-20	0.581349	0.536665	1.116017
q3	2021-05-21	0.559821	0.547499	1.136598
q3	2021-05-22	0.570865	0.546012	1.118356
q3	2021-05-23	0.589805	0.508788	1.126691
q3	2021-05-24	0.563749	0.519887	1.139589
q3	2021-05-25	0.537577	0.507182	1.106167
q3	2021-05-26	0.539516	0.511044	1.028512
q3	2021-05-27	0.538023	0.531775	1.009745
q3	2021-05-28	0.511414	0.494765	0.921433
q3	2021-05-29	0.478213	0.468736	0.845552
q3	2021-05-30	0.471836	0.483416	0.81709
q3	2021-05-31	0.453172	0.453823	0.787586
q3	2021-06-01	0.478149	0.475716	0.791977
q3	2021-06-02	0.483735	0.426285	0.793167
q3	2021-06-03	0.499897	0.417802	0.811168
q3	2021-06-04	0.503817	0.438456	0.803345
q3	2021-06-05	0.49736	0.480263	0.871064
q3	2021-06-06	0.467409	0.471613	0.803605
q3	2021-06-07	0.459302	0.477393	0.769656
q3	2021-06-08	0.425599	0.411715	0.723093
q3	2021-06-09	0.431477	0.421803	0.695378
q3	2021-06-10	0.390645	0.412313	0.628492
q3	2021-06-11	0.368416	0.401872	0.640217
q3	2021-06-12	0.37519	0.348183	0.628842
q3	2021-06-13	0.369584	0.331126	0.60481
q3	2021-06-14	0.375102	0.283913	0.608376
q3	2021-06-15	0.386172	0.308463	0.602064
q3	2021-06-16	0.354676	0.287356	0.608034
q3	2021-06-17	0.35348	0.260123	0.640015
q3	2021-06-18	0.395056	0.234799	0.727774
q3	2021-06-19	0.387648	0.252672	0.743477
q3	2021-06-20	0.386743	0.271605	0.808767
q3	2021-06-21	0.374774	0.271699	0.819201
q3	2021-06-22	0.363252	0.271685	0.852724
q3	2021-06-23	0.371677	0.353895	0.859131
q3	2021-06-24	0.39141	0.35122	0.88449
q3	2021-06-25	0.385068	0.411762	0.845716
q3	2021-06-26	0.379517	0.436554	0.836621
q3	2021-06-27	0.396029	0.496799	0.859518
q3	2021-06-28	0.434464	0.594219	0.886732
q3	2021-06-29	0.47397	0.594559	0.964929
q3	2021-06-30	0.479511	0.622091	1.080154
q3	2021-07-01	0.49334	0.686303	1.126787

q3	2021-07-02	0.527829	0.662662	1.191422
q3	2021-07-03	0.589329	0.666223	1.257148
q3	2021-07-04	0.592932	0.672317	1.356368
q3	2021-07-05	0.592475	0.690975	1.525535
q3	2021-07-06	0.604168	0.772112	1.556204
q3	2021-07-07	0.643135	0.820201	1.56612
q3	2021-07-08	0.685717	0.892204	1.652855
q3	2021-07-09	0.711744	0.958089	1.731128
q3	2021-07-10	0.739176	1.030276	1.842153
q3	2021-07-11	0.782177	1.089943	1.913514
q3	2021-07-12	0.850634	1.127785	1.920838
q3	2021-07-13	0.908011	1.151927	2.049052
q3	2021-07-14	0.979689	1.189457	2.304392
q3	2021-07-15	1.023345	1.237624	2.459376
q3	2021-07-16	1.088605	1.426835	2.519726
q3	2021-07-17	1.203437	1.580583	2.633738
q3	2021-07-18	1.310629	1.735436	2.785382
q3	2021-07-19	1.398635	1.893922	3.065316
q3	2021-07-20	1.527838	2.133381	3.314941
q3	2021-07-21	1.62559	2.264785	3.43156
q3	2021-07-22	1.759253	2.503501	3.663483
q3	2021-07-23	1.928472	2.589615	4.022115
q3	2021-07-24	2.077255	2.75462	4.220448
q3	2021-07-25	2.240948	3.003909	4.435298
q3	2021-07-26	2.382693	3.252648	4.711977
q3	2021-07-27	2.455454	3.435608	4.96897
q3	2021-07-28	2.613845	3.736846	5.171774
q3	2021-07-29	2.72511	4.032059	5.384963
q3	2021-07-30	2.823063	4.247136	5.54149
q3	2021-07-31	2.867278	4.395021	5.78009
q3	2021-08-01	3.020203	4.450665	5.966424
q3	2021-08-02	3.128857	4.598723	6.18039
q3	2021-08-03	3.225141	4.695554	6.323063
q3	2021-08-04	3.306662	4.782362	6.540669
q3	2021-08-05	3.382956	4.764799	6.676238
q3	2021-08-06	3.468128	4.843775	6.837777
q3	2021-08-07	3.554783	4.812513	7.08967
q3	2021-08-08	3.634085	4.975582	7.431341
q3	2021-08-09	3.809148	5.134078	7.460667
q3	2021-08-10	3.95052	5.194703	7.613075
q3	2021-08-11	4.131961	5.29827	7.704631
q3	2021-08-12	4.253768	5.339843	7.743639
q3	2021-08-13	4.379199	5.413073	7.795543
q3	2021-08-14	4.467109	5.660449	7.736101
q3	2021-08-15	4.438642	5.78565	7.899608
q3	2021-08-16	4.395841	5.73397	8.055459
q3	2021-08-17	4.41008	5.923986	8.11934
q3	2021-08-18	4.350198	6.039374	8.080275

q3	2021-08-19	4.235896	6.055289	8.149007	
q3	2021-08-20	4.151999	6.074074	8.298389	12
q3	2021-08-21	4.153807	6.215757	8.405824	12
q3	2021-08-22	4.170959	6.192463	8.551403	12
q3	2021-08-23	4.116184	6.183294	8.545606	12
q3	2021-08-24	4.107747	6.166771	8.647302	12
q3	2021-08-25	3.972624	6.044881	8.60679	12
q3	2021-08-26	3.937868	6.01968	8.452995	12
q3	2021-08-27	3.787896	5.876911	8.271073	12

max_quartil	date	0-4 Years	5-11 Years	12-17 Years	Vertical Line
q4	2020-08-01	0.7965242578	1.0436432638	1.1735121542	
q4	2020-08-02	0.7402185407	1.0717614166	1.5631262525	
q4	2020-08-03	0.9934577175	1.0456273764	1.4992109416	
q4	2020-08-04	0.9923235349	1.058455617	1.6846229187	
q4	2020-08-05	0.9660377358	1.0130527956	1.6426783479	
q4	2020-08-06	0.8855154965	1.0777269758	1.8143570865	
q4	2020-08-07	1.0098816375	1.0518934081	1.8332953769	
q4	2020-08-08	0.9404388715	1.0852928899	1.8443544759	
q4	2020-08-09	0.9008042895	1.1088011088	1.6910935738	
q4	2020-08-10	0.7749469214	1.0598761184	1.6384244193	
q4	2020-08-11	0.752429721	1.0434056761	1.4398200225	
q4	2020-08-12	0.7325240686	1.0460251046	1.3926630435	
q4	2020-08-13	0.7652793794	0.9899609593	1.2434405658	
q4	2020-08-14	0.6590647557	1.0373443983	1.1052871468	
q4	2020-08-15	0.6926225207	0.9060496236	1.0668808076	
q4	2020-08-16	0.7059319355	0.8354218881	1.0822012434	
q4	2020-08-17	0.7158648279	0.8492273423	1.084698823	
q4	2020-08-18	0.7471324845	0.7487067792	1.1627906977	
q4	2020-08-19	0.7382408775	0.6874241812	1.1709333027	
q4	2020-08-20	0.7596539354	0.648035642	1.092274434	
q4	2020-08-21	0.7143607522	0.6200296536	1.1494252874	
q4	2020-08-22	0.7208524864	0.6552554159	1.0923423423	
q4	2020-08-23	0.7715566677	0.575096964	1.174759454	
q4	2020-08-24	0.7948128007	0.5174472602	1.0923535253	
q4	2020-08-25	0.8031279721	0.613660619	0.9814612868	
q4	2020-08-26	0.767370966	0.627252102	0.904879888	
q4	2020-08-27	0.6983531374	0.6093522321	0.9195893926	
q4	2020-08-28	0.6539394579	0.5352602703	0.83484962	
q4	2020-08-29	0.5943691345	0.5513717052	0.943096323	
q4	2020-08-30	0.5727973339	0.5634558626	0.8247858729	
q4	2020-08-31	0.4968944099	0.5348308597	0.847098687	
q4	2020-09-01	0.4922572044	0.4803202135	0.9202453988	
q4	2020-09-02	0.5338809035	0.450808804	0.9927130637	
q4	2020-09-03	0.5236677277	0.4353562005	0.9409304757	
q4	2020-09-04	0.5470016207	0.4148301789	0.9758123118	
q4	2020-09-05	0.6209283388	0.3751131807	0.8524794677	
q4	2020-09-06	0.5758739139	0.3594813198	0.8995967325	
q4	2020-09-07	0.6004528005	0.4524886878	0.9216112664	
q4	2020-09-08	0.5042179773	0.4048582996	0.8511947493	
q4	2020-09-09	0.4991361106	0.4146341463	0.8430349257	
q4	2020-09-10	0.4811856414	0.3920127404	0.8062108092	
q4	2020-09-11	0.4705656391	0.4193906501	0.7920792079	
q4	2020-09-12	0.4661782894	0.4513846529	0.8294657845	
q4	2020-09-13	0.4569687738	0.4396678065	0.7663216561	
q4	2020-09-14	0.4348246207	0.383236494	0.7717858538	
q4	2020-09-15	0.4584918545	0.4155647903	0.8235294118	
q4	2020-09-16	0.4212382445	0.3890074037	0.9027986759	

q4	2020-09-17	0.4553822304	0.4365722839	0.9470078582
q4	2020-09-18	0.4648910412	0.4222553403	1.0033109261
q4	2020-09-19	0.4584471323	0.3965303594	1.0142598915
q4	2020-09-20	0.44921875	0.4154447703	1.0059760956
q4	2020-09-21	0.4330708661	0.361969112	1.0994502749
q4	2020-09-22	0.4449718185	0.3726409424	1.1122144985
q4	2020-09-23	0.4540967423	0.4125712899	1.041359662
q4	2020-09-24	0.4964257347	0.4043622105	1.0671627178
q4	2020-09-25	0.507008649	0.4216792757	1.0461478295
q4	2020-09-26	0.4423473902	0.4101926663	1.006645817
q4	2020-09-27	0.4854840276	0.4324190759	1.0061541467
q4	2020-09-28	0.519180848	0.5051127264	0.9495203953
q4	2020-09-29	0.5272239264	0.5031909671	0.9053260137
q4	2020-09-30	0.5437893532	0.5583201845	0.9079613877
q4	2020-10-01	0.4753755467	0.5477494642	0.8448832352
q4	2020-10-02	0.4640590965	0.6022673595	0.7874015748
q4	2020-10-03	0.4942026231	0.6051257712	0.8269175934
q4	2020-10-04	0.4758279406	0.677925785	0.9266263238
q4	2020-10-05	0.4261363636	0.6596772294	0.9372949667
q4	2020-10-06	0.403339274	0.7141184734	0.941988435
q4	2020-10-07	0.412371134	0.7250613963	0.8353669983
q4	2020-10-08	0.4182544846	0.7003618536	0.8733214386
q4	2020-10-09	0.4088459394	0.6644905572	0.9098663634
q4	2020-10-10	0.4272313551	0.6858223956	0.9408602151
q4	2020-10-11	0.3983694645	0.5816066885	0.9349435138
q4	2020-10-12	0.4837209302	0.5979073244	0.9747932257
q4	2020-10-13	0.5003242843	0.5892678034	0.9872357399
q4	2020-10-14	0.5446321425	0.5591451292	1.0879240431
q4	2020-10-15	0.5869200671	0.5723006486	1.0846850433
q4	2020-10-16	0.5930528099	0.5391527599	1.0761259466
q4	2020-10-17	0.6299513219	0.4857471558	1.07100357
q4	2020-10-18	0.7102549134	0.5364669817	1.0360138135
q4	2020-10-19	0.7394434715	0.5670362903	1.0776917802
q4	2020-10-20	0.7400098668	0.5962732919	1.1999225856
q4	2020-10-21	0.6738010305	0.6007509387	1.3110614742
q4	2020-10-22	0.6489675516	0.6027801698	1.3639001741
q4	2020-10-23	0.6997764603	0.6643700787	1.3407929005
q4	2020-10-24	0.6763938545	0.7203179334	1.3514818033
q4	2020-10-25	0.7227769853	0.7091316248	1.3510905231
q4	2020-10-26	0.6408417025	0.7508447003	1.3240552817
q4	2020-10-27	0.6799463704	0.7225250349	1.2020162854
q4	2020-10-28	0.7049053689	0.7849293564	1.1761217632
q4	2020-10-29	0.7190749198	0.8529921365	1.2381719348
q4	2020-10-30	0.6742890648	0.7952554253	1.3458401305
q4	2020-10-31	0.6487761722	0.7945057905	1.3772393083
q4	2020-11-01	0.5955867995	0.8611552729	1.3878893801
q4	2020-11-02	0.686005488	0.8704968528	1.3560391044
q4	2020-11-03	0.6584119497	0.8996728462	1.5653875421

q4	2020-11-04	0.7478632479	0.8334435772	1.4715359828
q4	2020-11-05	0.8083918776	0.8378448054	1.4422570797
q4	2020-11-06	0.8660892738	0.875745653	1.4536392898
q4	2020-11-07	0.8936130185	0.9216589862	1.5134586084
q4	2020-11-08	0.8947071011	1.0065863055	1.7390420014
q4	2020-11-09	0.9797578334	1.0521223848	1.8077075884
q4	2020-11-10	1.031680818	1.015708043	1.7740069418
q4	2020-11-11	0.9961061306	1.0981225646	2.0480769231
q4	2020-11-12	0.9771986971	1.1408199643	2.2267012189
q4	2020-11-13	1.0419498052	1.2288786482	2.3597122302
q4	2020-11-14	1.0669077758	1.2841854935	2.3564489757
q4	2020-11-15	1.1037124875	1.2265512266	2.3289807055
q4	2020-11-16	0.984904271	1.2427606178	2.3219205037
q4	2020-11-17	0.9579955785	1.3140284706	2.3018156563
q4	2020-11-18	0.8931894306	1.2851897185	2.1643726312
q4	2020-11-19	1.0299625468	1.3649778652	2.0900974026
q4	2020-11-20	1.0054929709	1.3535129814	2.0578647107
q4	2020-11-21	1.054990197	1.4074074074	2.1426385063
q4	2020-11-22	1.0806782187	1.4830508475	2.2488136992
q4	2020-11-23	1.1414670659	1.4913759564	2.3960459869
q4	2020-11-24	1.2468360364	1.6208975218	2.7289129454
q4	2020-11-25	1.419764618	1.7122341895	2.9449724275
q4	2020-11-26	1.4271151886	1.6504443504	3.0165542612
q4	2020-11-27	1.3943315411	1.6360791009	3.1594784353
q4	2020-11-28	1.4116369559	1.7355134825	3.2274459975
q4	2020-11-29	1.4737991266	1.8892794376	3.2776591737
q4	2020-11-30	1.6055045872	1.9006925004	3.3333333333
q4	2020-12-01	1.6197312719	1.870251315	3.2440906898
q4	2020-12-02	1.6218721038	2.005730659	3.4100198529
q4	2020-12-03	1.6177017479	2.0174560023	3.4123965093
q4	2020-12-04	1.6317911307	2.0331106593	3.4555555556
q4	2020-12-05	1.6613232294	1.9891765394	3.540117634
q4	2020-12-06	1.6745716775	1.8691588785	3.4593635658
q4	2020-12-07	1.691657055	1.8675721562	3.4252571679
q4	2020-12-08	1.7042703593	1.9856358259	3.4505208333
q4	2020-12-09	1.6079039132	1.7632952462	3.2138172278
q4	2020-12-10	1.6404647984	1.8055555556	3.2628928063
q4	2020-12-11	1.801889549	1.921757035	3.1331592689
q4	2020-12-12	1.7952971022	1.9329007317	3.1820156386
q4	2020-12-13	1.7232938412	1.9485903814	3.3300685602
q4	2020-12-14	1.547865523	2.0815986678	3.7616183707
q4	2020-12-15	1.5708358032	2.1187621968	3.7959138104
q4	2020-12-16	1.6927341121	2.2975464473	3.9375424304
q4	2020-12-17	1.7267192335	2.5088028169	3.9831795351
q4	2020-12-18	1.8471787625	2.4644693075	4.1934310993
q4	2020-12-19	1.9434269434	2.5578562728	4.130702836
q4	2020-12-20	2.0275750203	2.6418633735	4.0380952381
q4	2020-12-21	2.1818550842	2.7478708019	3.7431730385

q4	2020-12-22	2.1517324982	2.689847466	3.6250861475
q4	2020-12-23	2.1723682875	2.5772344292	3.6314822665
q4	2020-12-24	2.1679389313	2.3722018042	3.9783530788
q4	2020-12-25	2.0967741935	2.5564409031	3.9618707179
q4	2020-12-26	2.0526419171	2.4821544452	4.0614384877
q4	2020-12-27	2.0641535032	2.4609940486	4.1855038647
q4	2020-12-28	2.0893233659	2.4074971724	4.3509895227
q4	2020-12-29	2.1997904961	2.3211446741	4.6162641132
q4	2020-12-30	2.2852789945	2.7052532243	4.7645977662
q4	2020-12-31	2.3385722401	2.8076743098	4.7964305633
q4	2021-01-01	2.3760905885	2.6812918952	4.9726703106
q4	2021-01-02	2.3754505962	2.8987730061	5.2367761509
q4	2021-01-03	2.4324324324	3.1165311653	5.2349168957
q4	2021-01-04	2.5425313143	3.1538232669	5.4115853659
q4	2021-01-05	2.4548532731	3.3095874147	5.1516670845
q4	2021-01-06	2.3601316408	3.0240448444	5.0660792952
q4	2021-01-07	2.3138928402	3.0721740409	5.0107372942
q4	2021-01-08	2.2833723653	3.05907173	4.8672566372
q4	2021-01-09	2.3655479175	2.7413950655	4.5426717277
q4	2021-01-10	2.316442606	2.684879887	4.4863056141
q4	2021-01-11	2.1791767554	2.6045777427	4.1113060918
q4	2021-01-12	2.1595744681	2.4455664247	4.1528034504
q4	2021-01-13	2.1423268639	2.3905021659	3.9203637704
q4	2021-01-14	2.0927542328	2.5507794048	3.8577456299
q4	2021-01-15	2.0640050036	2.5035205758	3.7617554859
q4	2021-01-16	2.0357548827	2.45437382	3.8100961538
q4	2021-01-17	2.0198944377	2.2550544323	3.7631831256
q4	2021-01-18	1.9328484607	2.2533022533	3.5821253145
q4	2021-01-19	1.9167153143	2.3095747935	3.3701198529
q4	2021-01-20	1.8913676043	2.3936961047	3.4723840597
q4	2021-01-21	1.8653147121	2.3142688679	3.2152842498
q4	2021-01-22	1.8669219722	2.3634762184	3.1965045418
q4	2021-01-23	1.9338325908	2.3892773893	3.132066938
q4	2021-01-24	1.966873706	2.4369266055	3.0121816168
q4	2021-01-25	2.0103334899	2.2824144095	3.0600277215
q4	2021-01-26	2.039857116	2.2627537027	3.0834213305
q4	2021-01-27	1.9741766467	2.1264919742	2.916491817
q4	2021-01-28	1.9657637321	1.9707130149	2.9111018364
q4	2021-01-29	1.7870439315	1.8995929444	2.7769078192
q4	2021-01-30	1.5739964608	1.9715665236	2.7783602432
q4	2021-01-31	1.4679756896	1.8397546994	2.7278494396
q4	2021-02-01	1.3712686567	1.9528619529	2.6992561105
q4	2021-02-02	1.310287148	1.9443694302	2.7977275163
q4	2021-02-03	1.4066259485	1.955269854	2.7528878333
q4	2021-02-04	1.3573407202	1.9949795217	2.5748761043
q4	2021-02-05	1.4019553588	1.9949795217	2.5324605644
q4	2021-02-06	1.3599191399	1.8875448624	2.4016296773
q4	2021-02-07	1.2868146806	1.7888132426	2.4248302619

q4	2021-02-08	1.2204971731	1.5935214211	2.4272882806
q4	2021-02-09	1.1357586513	1.3754457463	2.1932612842
q4	2021-02-10	1.0036978341	1.4411427114	2.3683092608
q4	2021-02-11	1.0524469391	1.2958403525	2.4095095309
q4	2021-02-12	1.031564098	1.230044491	2.3760217984
q4	2021-02-13	1.0499382389	1.2483574244	2.3602073453
q4	2021-02-14	1.1252137906	1.2910166756	2.281667978
q4	2021-02-15	1.1502782931	1.3864818024	2.12484994
q4	2021-02-16	1.1331175014	1.4497176866	2.1502687836
q4	2021-02-17	1.0903426791	1.2942460627	1.8289541473
q4	2021-02-18	0.9768130242	1.3258785942	1.7633899197
q4	2021-02-19	0.9015256588	1.2885777919	1.6827878627
q4	2021-02-20	0.9344865295	1.1657214871	1.7164570231
q4	2021-02-21	0.8511887291	1.062215478	1.7610540986
q4	2021-02-22	0.8542952065	1.0592613799	1.7050799624
q4	2021-02-23	0.8261359369	1.0017839989	1.7475075613
q4	2021-02-24	0.8545437839	0.9303561935	1.6610574313
q4	2021-02-25	0.8426966292	0.8513341804	1.5458533528
q4	2021-02-26	0.8086732427	0.9530975671	1.5273393748
q4	2021-02-27	0.7369067462	0.9173174662	1.4467826791
q4	2021-02-28	0.7106335038	0.9583486915	1.4328960646
q4	2021-03-01	0.703125	0.8947174899	1.4498590415
q4	2021-03-02	0.6894144341	0.8951883626	1.283762966
q4	2021-03-03	0.6670177286	0.8822067594	1.3259327783
q4	2021-03-04	0.6194381434	0.8440913605	1.3330598852
q4	2021-03-05	0.6130670871	0.7149901381	1.3438654083
q4	2021-03-06	0.6108202443	0.7721534502	1.26659857
q4	2021-03-07	0.6122627482	0.7783994162	1.1430904266
q4	2021-03-08	0.6133909287	0.7402185407	1.0165700925
q4	2021-03-09	0.6327512022	0.8001828989	1.0294991091
q4	2021-03-10	0.6306530578	0.8248587571	0.9435816788
q4	2021-03-11	0.6316134854	0.8458542014	0.9656123756
q4	2021-03-12	0.6205173664	0.8470847085	0.9422850412
q4	2021-03-13	0.5821835872	0.7559986852	0.9848854217
q4	2021-03-14	0.6091290246	0.6863492755	0.9816187085
q4	2021-03-15	0.5795739348	0.6490649065	1.0032799537
q4	2021-03-16	0.5956112853	0.6147765946	0.9931539871
q4	2021-03-17	0.6069683115	0.5826983416	1.0828903327
q4	2021-03-18	0.6776455756	0.512995896	1.0503150945
q4	2021-03-19	0.7083731296	0.5180154253	1.049762794
q4	2021-03-20	0.8078061265	0.5656239178	0.9996939712
q4	2021-03-21	0.7882165605	0.6240610193	1.0292469174
q4	2021-03-22	0.7961783439	0.6483903993	1.0628606134
q4	2021-03-23	0.7758074731	0.6511309116	1.1225728155
q4	2021-03-24	0.7166225269	0.644015101	1.0937038132
q4	2021-03-25	0.6633887458	0.6981382979	1.1549378487
q4	2021-03-26	0.661996767	0.7391304348	1.207612791
q4	2021-03-27	0.6527018822	0.7615574386	1.2474810479

q4	2021-03-28	0.6470057177	0.7290786137	1.2430140682
q4	2021-03-29	0.6149231346	0.6771770183	1.232784359
q4	2021-03-30	0.6128550075	0.6464393702	1.2514551804
q4	2021-03-31	0.6697772426	0.6544226304	1.201523884
q4	2021-04-01	0.6469083797	0.6263269639	1.1273404568
q4	2021-04-02	0.6104914079	0.5696474635	1.0789210789
q4	2021-04-03	0.5620082428	0.5943536404	1.0952902519
q4	2021-04-04	0.5656866394	0.625	1.0942429022
q4	2021-04-05	0.6098905136	0.6257291335	1.0769844436
q4	2021-04-06	0.6300695249	0.6412952061	1.0912698413
q4	2021-04-07	0.5690305143	0.6474820144	1.1218264121
q4	2021-04-08	0.6252170893	0.6262626263	1.2070297412
q4	2021-04-09	0.6288878256	0.6027667984	1.2093372082
q4	2021-04-10	0.6400653684	0.5975500448	1.2116693075
q4	2021-04-11	0.6171583588	0.5636867089	1.2650105418
q4	2021-04-12	0.6297826234	0.6162574587	1.2380867551
q4	2021-04-13	0.637633971	0.5557180462	1.1999649645
q4	2021-04-14	0.6778282383	0.5656329237	1.2403100775
q4	2021-04-15	0.6869813631	0.5477609072	1.1219841404
q4	2021-04-16	0.6726457399	0.5600077242	1.0844892812
q4	2021-04-17	0.6597993671	0.4991361106	1.1030333417
q4	2021-04-18	0.6614993986	0.5336382695	1.0277145986
q4	2021-04-19	0.6412799154	0.5775421322	1.0834505004
q4	2021-04-20	0.65780904	0.6220546654	1.0334849111
q4	2021-04-21	0.640776699	0.6149479659	0.999504378
q4	2021-04-22	0.5972257899	0.6193693694	1.0204928234
q4	2021-04-23	0.6543494996	0.6146395977	1.0032335627
q4	2021-04-24	0.6774630621	0.6276346604	1.0514018692
q4	2021-04-25	0.6719569948	0.6363466217	1.0990854937
q4	2021-04-26	0.6530146453	0.5713759101	1.026119403
q4	2021-04-27	0.5990289426	0.5669348939	1.1592486038
q4	2021-04-28	0.580270793	0.6013822817	1.2282325229
q4	2021-04-29	0.5435453984	0.5610972569	1.2745751416
q4	2021-04-30	0.5202913632	0.5760368664	1.3102987815
q4	2021-05-01	0.4871301419	0.6359438976	1.187922785
q4	2021-05-02	0.524640415	0.5961638154	1.1669658887
q4	2021-05-03	0.5051691729	0.5523893029	1.2090096058
q4	2021-05-04	0.5186232909	0.5118534483	1.1286111345
q4	2021-05-05	0.5824899976	0.460205739	1.0429133185
q4	2021-05-06	0.6254794359	0.5121170553	0.9900990099
q4	2021-05-07	0.6128823148	0.5020996896	0.9896692421
q4	2021-05-08	0.5992552944	0.4758854214	1.077698592
q4	2021-05-09	0.5151320026	0.4921534033	1.0517942372
q4	2021-05-10	0.5517802172	0.5502063274	1.0306576994
q4	2021-05-11	0.5461967458	0.5243174833	0.9857328145
q4	2021-05-12	0.4915128308	0.5163511188	0.932803593
q4	2021-05-13	0.4793863854	0.4830485732	0.979202773
q4	2021-05-14	0.5106005106	0.4969826056	0.9459342185

q4	2021-05-15	0.5287508262	0.4969485615	0.8941748416
q4	2021-05-16	0.5560902577	0.5013170193	0.9206376268
q4	2021-05-17	0.5090794584	0.44345898	0.9036144578
q4	2021-05-18	0.4958165479	0.466022708	0.9718004338
q4	2021-05-19	0.485238533	0.4776934232	0.9956331878
q4	2021-05-20	0.4623748793	0.5129081894	0.903774588
q4	2021-05-21	0.4411988438	0.49922534	0.963081862
q4	2021-05-22	0.4292278948	0.466562986	0.9149862308
q4	2021-05-23	0.41887459	0.410695561	0.8688642064
q4	2021-05-24	0.4175680435	0.4411894467	0.9072580645
q4	2021-05-25	0.3973043653	0.4470272687	0.783801437
q4	2021-05-26	0.3967058351	0.4289544236	0.730480979
q4	2021-05-27	0.3911931391	0.3826182017	0.7539874335
q4	2021-05-28	0.3503152838	0.3580938389	0.6730394069
q4	2021-05-29	0.3130123714	0.3054707026	0.7094295004
q4	2021-05-30	0.2593516209	0.2886943565	0.687593423
q4	2021-05-31	0.2714098774	0.2432407148	0.6504065041
q4	2021-06-01	0.29338207	0.2512095274	0.6588950836
q4	2021-06-02	0.282905778	0.2898279731	0.6725771935
q4	2021-06-03	0.2675968844	0.3018298434	0.6754713177
q4	2021-06-04	0.3056789416	0.291189179	0.7300750355
q4	2021-06-05	0.3184867056	0.3117913832	0.6456168667
q4	2021-06-06	0.332915179	0.3361828835	0.6267057515
q4	2021-06-07	0.3114638802	0.3837072019	0.6267057515
q4	2021-06-08	0.3011433238	0.333400687	0.6521960664
q4	2021-06-09	0.3005297474	0.3063412642	0.6492189085
q4	2021-06-10	0.3012201971	0.2972225069	0.6271495043
q4	2021-06-11	0.2512949382	0.3018318068	0.5843239976
q4	2021-06-12	0.2465204663	0.3463476071	0.6236169785
q4	2021-06-13	0.2672422654	0.3342734775	0.633356791
q4	2021-06-14	0.2832715286	0.28078203	0.5668257757
q4	2021-06-15	0.2666803426	0.2974358974	0.5140879881
q4	2021-06-16	0.2567394095	0.2952555488	0.5242852903
q4	2021-06-17	0.2362487802	0.2692192641	0.6035420995
q4	2021-06-18	0.2772643253	0.2669303015	0.5626850938
q4	2021-06-19	0.2704081633	0.2169411301	0.5240779195
q4	2021-06-20	0.2781211372	0.2090592334	0.5249083886
q4	2021-06-21	0.2674897119	0.2514584591	0.5458515284
q4	2021-06-22	0.2682071384	0.2643619725	0.5662626664
q4	2021-06-23	0.2956584885	0.2339300244	0.5359801489
q4	2021-06-24	0.3117530916	0.2880362103	0.4685942173
q4	2021-06-25	0.27973477	0.2879177378	0.5192211682
q4	2021-06-26	0.2951227089	0.3052192492	0.5122539172
q4	2021-06-27	0.2837830865	0.313257882	0.49980008
q4	2021-06-28	0.2661752662	0.3254758852	0.4407051282
q4	2021-06-29	0.2753135515	0.3126832128	0.4596782252
q4	2021-06-30	0.2844083291	0.34290193	0.5445195119
q4	2021-07-01	0.2854084909	0.3452698037	0.5775075988

q4	2021-07-02	0.305095088	0.3857566766	0.6421363775
q4	2021-07-03	0.3275332651	0.3973378365	0.714869281
q4	2021-07-04	0.3444021795	0.4041399704	0.9381054349
q4	2021-07-05	0.400160064	0.4278074866	1.1364789447
q4	2021-07-06	0.4450378282	0.5159155067	1.2079991879
q4	2021-07-07	0.4531796463	0.520984081	1.2563323202
q4	2021-07-08	0.4955839058	0.577034045	1.3642291102
q4	2021-07-09	0.5277695571	0.6454098834	1.465749327
q4	2021-07-10	0.579667787	0.7745266781	1.5857382055
q4	2021-07-11	0.5733005733	0.9283184994	1.6964024569
q4	2021-07-12	0.6694768163	1.0768477729	1.8715274393
q4	2021-07-13	0.7123507575	1.1793611794	2.033271719
q4	2021-07-14	0.7745310064	1.2216924911	2.1201074444
q4	2021-07-15	0.8047988003	1.2858555885	2.3134044174
q4	2021-07-16	0.9074230178	1.426448737	2.4714649561
q4	2021-07-17	0.9723745886	1.51	2.5841007329
q4	2021-07-18	1.1376110169	1.6161413371	2.8380791279
q4	2021-07-19	1.2095569935	1.9308125503	2.9881408161
q4	2021-07-20	1.3357079252	2.0764369546	3.3136759337
q4	2021-07-21	1.3984636596	2.3357519133	3.6377134373
q4	2021-07-22	1.593449696	2.7264644868	3.9076212471
q4	2021-07-23	1.73828125	2.9639807636	4.2842602017
q4	2021-07-24	1.8856920684	3.186440678	4.7000276472
q4	2021-07-25	2.0816267528	3.6668262326	5.1133755623
q4	2021-07-26	2.1461077844	3.8301494231	5.3564899452
q4	2021-07-27	2.3587624904	4.248733821	5.6242664981
q4	2021-07-28	2.5529056097	4.5488441462	6.0027039207
q4	2021-07-29	2.6375101904	4.5946441673	6.3007763134
q4	2021-07-30	2.8542646071	4.8949788155	6.5703258235
q4	2021-07-31	3.0580453434	5.2697728701	6.8583675656
q4	2021-08-01	3.1651733541	5.4663813091	7.0742124933
q4	2021-08-02	3.3788110132	5.6086451728	7.4374276298
q4	2021-08-03	3.4356616738	5.6672597865	7.7422222222
q4	2021-08-04	3.5613823589	5.8455298889	8.0299032542
q4	2021-08-05	3.8059135709	6.0318297723	8.045178106
q4	2021-08-06	3.8241892719	5.9485106757	7.9910445191
q4	2021-08-07	3.9674361088	5.8292426367	8.1999655825
q4	2021-08-08	4.1833693083	5.9741611029	8.2595367847
q4	2021-08-09	4.2961514715	5.9253591771	8.596345515
q4	2021-08-10	4.38028096	5.8702283783	8.749597164
q4	2021-08-11	4.4650291424	5.9518033317	8.6813186813
q4	2021-08-12	4.3537917568	5.8320126783	8.8698577764
q4	2021-08-13	4.4240267672	6.1699650757	9.2121934859
q4	2021-08-14	4.4649525232	6.4302059497	9.3832793641
q4	2021-08-15	4.4846195359	6.5033972971	10.0722543353
q4	2021-08-16	4.5707855535	6.9868683985	10.3562551781
q4	2021-08-17	4.5022938227	7.4123051225	10.5894976863
q4	2021-08-18	4.6052979432	7.4840548243	10.8742845865

q4	2021-08-19	4.7357978279	7.8221572406	11.1651745167	
q4	2021-08-20	4.7128282148	7.8607227644	11.3126522241	12
q4	2021-08-21	4.7193679971	7.9572991028	11.5497076023	12
q4	2021-08-22	4.6319440902	7.9025974026	11.3819095477	12
q4	2021-08-23	4.5607935372	7.8292042763	11.3743495562	12
q4	2021-08-24	4.5850643429	7.7015491622	11.507030405	12
q4	2021-08-25	4.4436544614	7.8621739958	11.3744640305	12
q4	2021-08-26	4.2884095661	7.6046837215	10.9972315486	12
q4	2021-08-27	4.2841732162	7.265311325	10.6187884524	12