



STATISTICS SIERRA LEONE
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Credible Data for National Development

CONSUMER PRICE INDEX FEBRUARY 2020

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KEY FINDINGS

Headline National Inflation Rate

Annual National Consumer Price Inflation (year-on-year) went up by 1.09 percentage point from 13.60 percent in January 2020 to 14.69 percent in February 2020

The monthly consumer price inflation for February 2020 is 2.06 percent; went up by 0.55 percentage point from 1.51 percent in January, 2020.

Contributions to headline annual (year-on-year) consumer price inflation

- ✓ Food and non-alcoholic beverages increased from 7.46 percent in January 2020 to 8.30 percent in February 2020. The inflation rate increased by 0.84 percentage point's year-on-year.
- ✓ Alcoholic beverages, tobacco and narcotics declined by 6.76 percentage points from 10.76 percent in January 2020 to 4.00 percent in February 2020.
- ✓ Clothing and footwear increased from 8.13 percent in January 2020 to 10.09 percent in February 2020. The inflation rate increased by 1.96 percentage point's year-on-year.
- ✓ Housing, water, electricity, gas and other fuels increased from 10.34 percent in January 2020 to 11.53 percent in February 2020. The inflation rate increased by 1.19 percentage point's year-on-year.
- ✓ Furniture, household equipment and household declined by 9.89 percentage points from 18.19 percent in January 2020 to 8.30 percent in February 2020
- ✓ Health increased from 35.45 percent in January 2020 to 46.21 percent in February 2020. The inflation rate increased by 10.76 percentage point's year-on-year.
- ✓ Transport increased from 17.77 percent in January 2020 to 19.03 percent in February 2020. The inflation rate increased by 1.26 percentage point's year-on-year.
- ✓ Communication declined by 5.22 percentage points from 7.22 percent in January 2020 to 2.00 percent in February 2020.
- ✓ Recreation and Culture further declined by 6.60 percentage points from -0.17 percent in January 2020 to -6.77 percent in February 2020.
- ✓ Education declined by 0.97 percentage points from 70.76 percent in January 2020 to 69.79 percent in February 2020.
- ✓ Restaurant and hotels declined by 1.24 percentage points from 21.31 percent in January 2020 to 20.07 percent in February 2020.
- ✓ Miscellaneous goods and services declined by 3.60 percentage points from 10.77 percent in January 2020 to 7.17 percent in February 2020.

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Contributions to monthly consumer price inflation

- ✓ Food and non-alcoholic beverages increased from 1.86 percent in January 2020 to 1.99 percent in February 2020. The inflation rate increased by 0.13 percentage point year-on-year.
- ✓ Alcoholic beverages, tobacco and narcotics declined by 7.51 percentage points from 3.07 percent in January 2020 to -4.44 percent in February 2020
- ✓ Clothing and footwear declined by 1.45 percentage points from 2.63 percent in January 2020 to 1.18 percent in February 2020
- ✓ Housing, water, electricity, gas and other fuels increased from 0.76 percent in January 2020 to 0.87 percent in February 2020. The inflation rate increased by 0.11 percentage points year-on-year.
- ✓ Furniture, household equipment and household maintenance declined by 3.33 percentage points from -0.07 percent in January 2020 to -3.40 percent in February 2020.
- ✓ Health increased from -0.42 percent in January 2020 to 8.28 percent in February 2020. The inflation rate increased by 8.70 percentage points year-on-year.
- ✓ Transport declined by 4.14 percentage points from 4.67 percent in January 2020 to 0.53 percent in February 2020.
- ✓ Communication increased from -0.02 percent in January 2020 to 5.11 percent in February 2020. The inflation rate increased by 5.13 percentage points year-on-year.
- ✓ Recreation and Culture declined by 0.16 percentage point from 0.51 percent in January 2020 to 0.35 percent in February 2020.
- ✓ For Education, no change is noticed between January, 2020 and February, 2020.

Restaurants and hotels declined by 7.22 percentage points from 6.43 percent in January 2020 to -0.79 percent in February 2020.

- ✓ Miscellaneous goods and services declined by 4.03 percentage points from 2.60 percent in January 2020 to -1.43 percent in February 2020.

DETAILED EXPLANATION ON THE FEBRUARY, 2020 CONSUMER PRICE INDEX (CPI)

The national monthly CPI (2008=100) increased from 285.45 in January 2020 to 291.33 in February 2020 resulting to 2.06 percent inflation this month. Similarly, the monthly rates of inflation increased in all regions in February compared with January: Eastern region 0.77 percent comprising Kenema -1.16 and Kono 2.55 percent in February 2020; Western Area from 1.84 percent in January to 2.18 percent in February 2020; Northern region from 1.91 percent in January to 2.38 percent in February 2020 and Southern region from 0.81 percent in January to 2.36 percent in February 2020 respectively.

The national year-on-year inflation for February 2020 is 14.69 percent, which indicates an upward trend compared to 13.60 percent in January 2020. Three regions show an upward movement: Eastern region from 14.99 percent in January 2020 to 15.66 percent in February 2020; Southern region from 10.31 percent in January 2020 to 10.43 percent in February 2020 and Northern region from 4.53 percent in January 2020 to 10.09 percent in February 2020. Western Area, however, decreased from 20.09 percent in January 2020 to 18.79 percent in February 2020.

Table 1.0: National and Regional Year-on-Year and Monthly Inflation Rates

2008=100										
Month	National		Western Area		Eastern Region		Southern Region		Northern Region	
	Year-on-Year	Monthly	Year-on-Year	Monthly	Year-on-Year	Monthly	Year-on-Year	Monthly	Year-on-Year	Monthly
Jan, 2020	13.60	1.51	20.09	1.84	14.99	0.65	10.31	0.81	4.53	1.91
Feb, 2020	14.69	2.06	18.79	2.18	15.66	0.77	10.43	2.36	10.09	2.38

It is observed from the table above that the year-on-year inflation rates for the Western Area and Eastern regions are above the national estimate for the month of February, 2020 while Southern and Northern regions are below.

Figures 1a and 1b below illustrate the movement in the year-on-year inflation and monthly inflation respectively for the National CPI and Regional CPI centers, while Table 1.1 below shows the National CPI of the months of December, 2019 to February, 2020; as well as the 12 months change in the CPI for the main COICOP functions.

Figure 1a: Year-on-Year Percentage Changes in the CPI

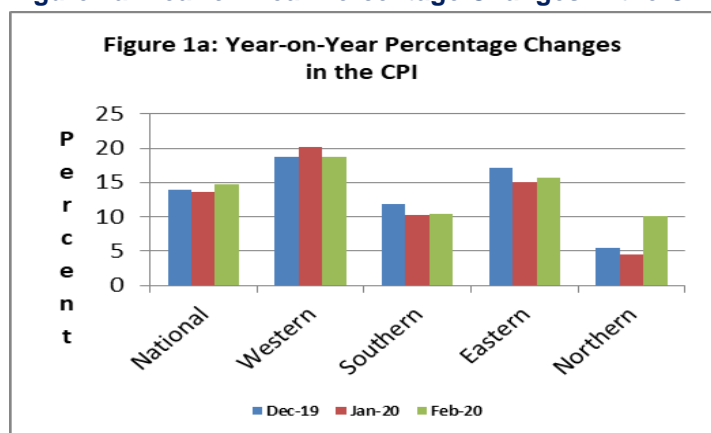
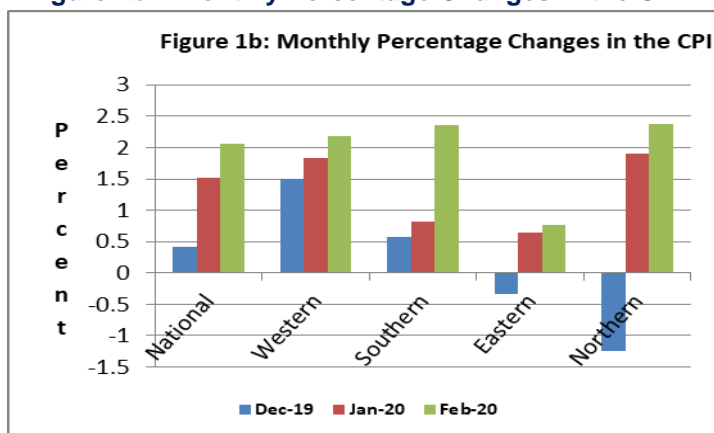


Figure 1b: Monthly Percentage Changes in the CPI



FACTORS INFLUENCING CHANGES IN THE MONTHLY RATE OF INFLATION

The monthly price inflation of 2.06 percent reflects a general change in the price level in all the four regions which affected all of the items in the CPI basket. The following monthly indices increased: food and non-alcoholic beverages by 0.13 percentage point; housing, water, electricity, gas and other fuels by 0.11 percentage point; health by 8.70 percentage points and communication by 5.13 percentage points.

Table 1.1: National CPI and Year-on-Year Rates of Inflation by Main COICOP Groups (2008=100)

COICOP	WEIGHT	Feb-19	Nov-19	Dec-19	Jan-20	Feb-20	Monthly Inflation	3 Months Change Inflation	12 Months Inflation
		Month Previous Year-	Month m-3 for Current Year	Month m-2 for Current Year	Month m-1 for Current Year	Month m for Current Year			
Food and Non-Alcoholic Beverage	41.86	269.18	280.04	280.62	285.84	291.53	1.99	4.1	8.30
Alcoholic Beverages, Tobacco and Narcotics	1.71	264.64	269.20	279.46	288.03	275.23	-4.44	2.24	4.00
Clothing and Footwear	7.34	309.94	333.10	328.60	337.24	341.22	1.18	2.44	10.09
Housing, Water, Electricity, Gas and Other Fuels	13.70	209.37	226.15	229.75	231.49	233.51	0.87	3.25	11.53
Furniture, Household Equipment and Household Maintenance	5.86	309.97	344.01	347.76	347.52	335.71	-3.40	-2.41	8.30
Health	11.36	253.94	343.26	344.33	342.89	371.28	8.28	8.16	46.21
Transport	7.75	225.81	249.99	255.46	267.38	268.79	0.53	7.52	19.03
Communication	2.04	160.61	155.92	155.90	155.87	163.83	5.11	5.07	2.00
Recreation and Culture	1.47	240.73	223.13	222.51	223.65	224.43	0.35	0.58	-6.77
Education	2.88	121.66	206.57	206.57	206.57	206.57	0.00	0	69.79
Restaurant and Hotels	0.92	280.52	318.96	318.99	339.50	336.83	-0.79	5.6	20.07
Miscellaneous Goods and Services	3.13	248.62	263.91	263.45	270.30	266.44	-1.43	0.96	7.17
All Items	100	254.01	280.04	281.20	285.45	291.33	2.06	4.03	14.69

The National CPI measures the change in prices, on average, from month to month, of the goods and services bought by households, in Freetown, Bo, Kenema, Kono and Makeni and include all expenditure groups. Prices are collected for at least 436 items. All prices collected are the prevailing retail market prices from six (6) markets in Freetown and, three (3) Markets each in Bo, Kenema, Makeni and Kono for weekly prices and other outlets for monthly items whose prices are less likely to fluctuate rapidly. We are using the Modified Laspeyres formula to compute indices according to the Classification of Individual Consumption by Purpose (COICOP) with 12 functions.

Food and Non-Food Components

Food items inflation increased by close to one percentage point from 7.46 percent in January 2020 to 8.30 percent in February 2020. Also, Non-food items inflation increased by 1.31 percentage point from 18.77 in January 2020 to 20.08 percent in February 2020. The most upward mover item in the non-food basket was health with 10.76 percentage points increase from 35.45 percent in January 2020 to 46.21 percent in February 2020.

Table 1.2: 2020 Monthly Food and Non-food baskets inflation rates

<i>Items</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>
Food and non-alcoholic basket	7.46	8.30	
Non-food basket	18.77	20.08	

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DETAILED RESULTS

Table 2.0: CPI Headline index numbers (2008=100)

<i>Year</i>	<i>Jan.</i>	<i>Feb.</i>	<i>Mar.</i>	<i>Apr.</i>	<i>May</i>	<i>Jun.</i>	<i>Jul.</i>	<i>Aug.</i>	<i>Sept.</i>	<i>Oct.</i>	<i>Nov.</i>	<i>Dec.</i>
2018	219.73	222.65	225.40	227.58	230.55	234.13	238.79	241.99	243.02	241.26	247.62	246.90
2019	251.27	254.01	258.69	265.27	265.07	268.42	274.35	279.34	279.86	279.49	280.04	281.20
2020	285.45	291.33										

Table 2.1: CPI Headline year-on-year rates

<i>Year</i>	<i>Jan.</i>	<i>Feb.</i>	<i>Mar.</i>	<i>Apr.</i>	<i>May</i>	<i>Jun.</i>	<i>Jul.</i>	<i>Aug.</i>	<i>Sept.</i>	<i>Oct.</i>	<i>Nov.</i>	<i>Dec.</i>
2018	14.69	14.4	14.91	15.14	16.02	16.57	17.71	18.19	17.77	16.06	16.55	14.25
2019	14.35	14.08	14.77	16.56	14.97	14.65	14.89	15.43	15.16	15.85	13.09	13.89
2020	13.60	14.69										

Table 3.0: Year-on-Year and Monthly Inflation Rates

	National CPI (2008=100)			Western Area/Freetown CPI (2008=100)		
	CPI	Year-on-Year % Change	Monthly Change	CPI	Year-on – Year % Change	Monthly Change
2016						
January	161.46	8.41	1.17	166.52	7.42	1.08
February	162.44	8.68	0.61	167.65	7.73	0.68
March	163.16	7.85	0.44	168.41	7.14	0.45
April	164.99	8.68	1.12	170.35	8.12	1.15
May	167.12	8.94	1.29	173.17	9.75	1.66
June	168.58	9.46	0.87	174.81	10.54	0.95
July	171.11	10.87	1.50	175.72	11.00	0.52
August	173.5	10.52	1.40	178.84	10.74	1.78
September	175.13	11.31	0.94	179.90	11.15	0.59
October	177.89	12.56	1.58	183.08	12.3	1.76
November	182.74	15.26	2.73	186.64	14.2	1.95
December	187.39	17.41	2.54	192.60	16.91	3.19
Average	171.29	10.83	1.35	176.47	10.58	1.31
2017						
January	191.59	18.66	2.24	197.56	18.64	2.58
February	194.63	19.82	1.59	200.70	19.72	1.59
March	196.15	20.22	0.78	202.36	20.16	0.83
April	197.66	19.80	0.77	204.09	19.81	0.85
May	198.72	18.91	0.54	204.49	18.09	0.20
June	200.85	19.14	1.07	206.40	18.07	0.93
July	202.87	18.56	1.01	207.94	18.33	0.75
August	204.75	18.01	0.93	209.55	17.17	0.77
September	206.35	17.83	0.78	211.50	17.56	0.93
October	207.88	16.86	0.74	212.93	16.30	0.67
November	212.46	16.26	2.20	217.34	16.45	2.07
December	216.11	15.33	1.72	220.98	14.74	1.67
Average	202.50	18.28	1.20	207.99	17.92	1.15
2018						
January	219.73	14.69	1.68	223.74	13.25	1.25
February	222.65	14.40	1.33	226.02	12.62	1.02
March	225.40	14.91	1.24	228.17	12.76	0.95
April	227.58	15.14	0.97	229.58	12.49	0.62
May	230.55	16.02	1.31	232.64	13.77	1.34
June	234.13	16.57	1.55	235.92	14.31	1.41
July	238.79	17.71	1.99	241.88	16.32	2.52
August	242.00	18.19	1.34	246.79	17.77	2.03
September	243.00	17.77	0.43	245.62	16.13	-0.47
October	241.30	16.06	-0.72	242.86	14.06	-1.12
November	247.60	16.55	2.64	250.50	15.25	3.14
December	246.90	14.25	-0.29	247.61	12.05	-1.15
Average	234.97	16.02	1.12	237.61	14.23	0.96
2019						
January	251.27	14.35	1.77	249.40	11.47	0.72
February	254.01	14.08	1.09	257.62	13.98	3.30
March	258.69	14.77	1.84	262.29	14.95	1.81
April	265.27	16.56	2.54	267.74	16.62	2.08
May	265.07	14.97	-0.08	266.18	14.41	-0.58
June	268.42	14.65	1.26	269.19	14.10	1.13
July	274.35	14.89	2.21	271.38	12.20	0.81
August	279.34	15.43	1.82	279.90	13.41	3.14
September	279.86	15.16	0.19	276.56	12.59	-1.19
October	279.49	15.85	-0.13	281.63	15.96	1.83
November	280.04	13.09	0.20	289.71	15.66	2.87
December	281.20	13.89	0.41	294.07	18.76	1.50
Average	269.75	14.81	1.09	272.14	14.51	1.45
2020						
January	285.45	13.60	1.51	299.50	20.09	1.84
February	291.33	14.69	2.06	306.04	18.79	2.18

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Table 4.0: National Consumer Price Index by Main COICOP Groups (2008=100)

	<i>Food and Non-Alcoholic Beverages</i>	<i>Alcoholic Beverages, Tobacco and Narcotics</i>	<i>Clothing and Footwear</i>	<i>Housing, Water, Electricity, Gas and Other Fuels</i>	<i>Furniture, Household Equipment and Household Maintenance</i>	<i>Health</i>	<i>Transport</i>	<i>Communication</i>	<i>Recreation and Culture</i>	<i>Education</i>	<i>Restaurant and Hotels</i>	<i>Miscellaneous Goods and Services</i>	<i>All Items</i>
Weight	41.86	1.71	7.34	13.7	5.86	11.36	7.75	2.04	1.47	2.88	0.92	3.13	100
Jan-16	170.36	152.47	169.99	145.74	177.58	163.18	144.44	130.14	154.92	126.34	153.31	152.88	161.46
Feb-16	171.54	152.62	171.01	146.41	178.05	164.29	144.51	130.39	156.42	126.97	157.65	153.68	162.44
Mar-16	172.4	153.87	171.48	146.79	178.88	164.84	144.91	130.4	162.12	127.06	158.59	154.42	163.16
Apr-16	175.07	154.98	173.33	147.2	179.71	167.24	145.24	130.53	163.02	127.91	159.73	155.48	164.99
May-16	177.33	157.43	177.21	147.75	182.84	169.79	149.09	130.56	164.25	128.18	159.44	157.01	167.12
Jun-16	179.4	159.59	179.49	149.56	184.78	168.89	149.79	132.34	165.5	128.4	160.07	157.72	168.58
Jul-16	182.88	160.87	183.52	150.46	187.58	171.16	149.65	133.7	167.86	129.21	161.13	159.48	171.11
Aug-16	186.78	162.19	185.77	151.09	192.19	172.42	150.21	133.81	169.31	129.38	161.47	159.52	173.5
Sep-16	187.72	164.38	187.75	152.38	193.4	177.12	150.71	134.75	170.37	133.23	162.07	160	175.13
Oct-16	190.45	166.36	190.81	152.59	196.42	181.38	151.95	135.41	174.46	135.65	163.86	169.43	177.89
Nov-16	194.83	171.07	198.03	160.05	202.6	181.71	162.58	140.13	174.81	136.54	170.53	176.28	182.74
Dec-16	200.23	175.3	205.36	164.61	209.1	182.92	165.11	145.55	176.87	136.64	175.86	183.31	187.39
Jan-17	204.76	181.11	216.4	165.98	215.6	183.42	173.05	148.89	180.22	136.84	182.64	187.32	191.59
Feb-17	208.42	186.2	221.43	167.42	221.35	185.87	173.85	150.43	180.65	136.91	182.74	190.46	194.63
Mar-17	210.81	190.78	221.69	167.97	222.42	186.13	176.25	150.52	181.21	137.08	184.93	191.65	196.15
Apr-17	211.73	192.07	224.05	168.43	226.5	188.8	180.03	153.23	181.88	137.21	186.93	193.3	197.66
May-17	212.33	193.55	227.95	168.96	226.53	189.34	183.8	154.16	182.71	137.22	189.74	195.38	198.72
Jun-17	214.56	195.64	233.71	169.47	230.04	191.33	184.16	156.1	185.35	137.51	190.92	197.51	200.85
Jul-17	217.85	197.43	234.78	169.8	231.65	193	184.7	156.96	185.8	137.65	192.15	199.62	202.87
Aug-17	220.49	202.41	235.42	170.01	234.36	194.21	185.1	157.52	186.46	138.55	195.97	203.91	204.75
Sept-17	221.96	204.02	237.81	170.27	237.6	196.62	186.54	160.62	187.72	138.85	199.6	205.61	206.35
Oct-17	223.88	206.03	239.05	170.71	240.1	197.87	187.36	161.93	190.35	139.17	203.05	207.79	207.88
Nov-17	231.59	209.96	242.24	172.65	242.46	199.36	187.63	163.72	193.65	141.25	205.38	212.08	212.46
Dec-17	236.14	215.57	248.21	174.79	246.89	201.37	188.95	164.78	196.29	143.49	211.1	214.87	216.11
Jan-18	240.61	218.27	251.93	176.68	249.13	205.92	190.98	165.94	198.83	147.19	214.47	217.67	219.73
Feb-18	243.6	222.52	254.76	178.69	254.02	209.47	191.54	170.77	201.11	148.5	220.16	220.6	222.65
Mar-18	246.07	226.68	257.38	180.06	260.28	213.6	192.93	171.25	205.24	150.83	225.93	224.25	225.4
Apr-18	248.17	229.31	258.64	181.16	262.12	217.72	193.83	172.23	207.54	152.61	230.49	228.49	227.58
May-18	252.09	232.24	262.07	183.59	263.81	219.84	195.17	172.8	209.48	153.13	234.05	231.32	230.55
Jun-18	256.72	236.77	265.64	185.6	268.26	223.15	196.28	173.87	211.05	154.68	238.77	234.5	234.13
Jul-18	259.39	240.41	267.99	197.69	274.18	226.57	211.78	175.02	212.51	155.74	244.95	235.47	238.79
Aug-18	264.13	243.64	274.6	202.29	289.45	224.45	215.98	144.21	212.73	157.46	254.01	231.41	241.99
Sep-18	266.47	249.53	275.38	203.96	283.93	226.97	219.94	146.47	219.42	119.82	251.8	240.5	243.02
Oct-18	262.55	241.85	278.15	201.81	285.75	228.72	220.56	147.15	217.34	119.82	270.9	232.25	241.26
Nov-18	270.26	256.4	286.95	207.29	290.83	232.6	223.78	148.09	222.5	120.55	258.64	243.09	247.62
Dec-18	266.29	250.55	283.81	208.13	284.5	246.04	229.18	144.51	215.92	120.55	289.65	227.76	246.9

More information can also be obtained from our website: www.statistics.sl

For more detailed information: Subscribe to the Detailed CPI Report. Please Contact:
The Statistician General, Statistics Sierra Leone, P. O. Box 595, Tower Hill, Freetown, SIERRA LEONE
E-mail: statistics@statistics.sl or info@statistics.sl

	<i>Food and Non-Alcoholic Beverages</i>	<i>Alcoholic Beverages, Tobacco and Narcotics</i>	<i>Clothing and Footwear</i>	<i>Housing, Water, Electricity, Gas and Other Fuels</i>	<i>Furniture, Household Equipment and Household Maintenance</i>	<i>Health</i>	<i>Transport</i>	<i>Communication</i>	<i>Recreation and Culture</i>	<i>Education</i>	<i>Restaurant and Hotels</i>	<i>Miscellaneous Goods and Services</i>	<i>All Items</i>
Jan-19	266.00	260.05	311.87	209.80	294.04	253.14	227.03	145.37	224.03	120.97	279.86	244.01	251.27
Feb-19	269.18	264.64	309.94	209.37	309.97	253.94	225.81	160.61	240.73	121.66	280.52	248.62	254.01
Mar-19	276.29	267.26	316.58	212.03	314.69	257.44	226.29	159.17	231.29	122.27	286.81	250.51	258.69
Apr-19	287.67	280.13	321.05	216.88	322.77	252.71	230.26	159.29	236.17	123.45	284.89	259.34	265.27
May-19	271.03	274.68	331.20	211.64	348.38	291.15	235.67	176.63	227.26	134.65	279.30	267.67	265.07
Jun -19	273.74	275.25	338.34	211.26	359.29	303.77	237.49	178.37	222.02	122.47	281.26	265.58	268.42
Jul-19	279.31	281.22	345.66	217.16	362.95	311.80	250.00	165.16	224.49	122.47	294.50	274.17	274.35
Aug-19	286.00	286.45	334.19	217.52	351.19	345.08	244.26	171.13	219.31	122.47	292.64	258.01	279.34
Sept- 19	288.59	281.58	334.92	218.53	356.37	331.87	250.41	155.92	218.37	122.47	328.86	267.89	279.86
Oct- 19	286.36	280.77	333.75	221.95	358.16	333.1	250.5	155.92	217.99	122.47	327.57	268.52	279.49
Nov- 19	280.04	269.2	333.1	226.15	344.01	343.26	249.99	155.92	223.13	206.57	318.96	263.91	280.04
Dec- 19	280.62	279.46	328.60	229.75	347.76	344.33	255.46	155.90	222.51	206.57	318.99	263.45	281.20
Jan- 20	285.84	288.03	337.24	231.49	347.52	342.89	267.38	155.87	223.65	206.57	339.5	270.3	285.45
Feb-20	291.53	275.23	341.22	233.51	335.71	371.28	268.79	163.83	224.43	206.57	336.83	266.44	291.33