



GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

LOCAL MARKET SURVEY

FEBRUARY 2020

This report provides a monthly review of selected agricultural produce available at the Local Markets in Upolu and Savaii based on the price data and volume index survey. Corresponding tables are attached for ease of reference.

Key findings:

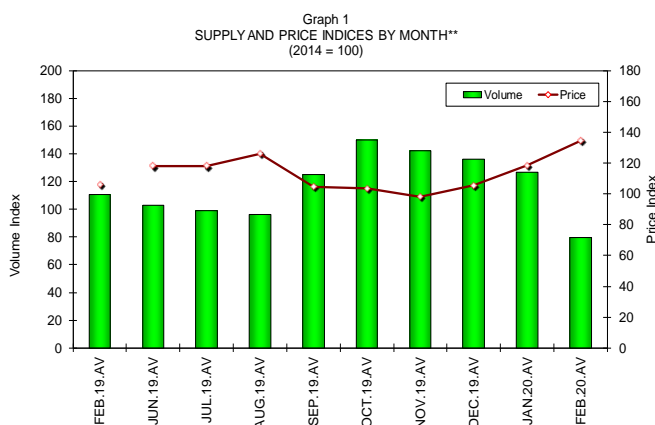
The Local Market Survey in February 2020 showed overall volume decrease 37 percent while limited supply of most produce pushed average prices up 13 percent when compared to January 2020.

- There was a significant reduction in the supply of most staple produce and all vegetable produce due to wet weather conditions in February.
- The value of supplies dropped 32 percent to \$59,800 from the previous month.
- The total number of sellers fell 13 percent to 270 from 310 in January 2020.

Issue: 01/02/20

OVERVIEW

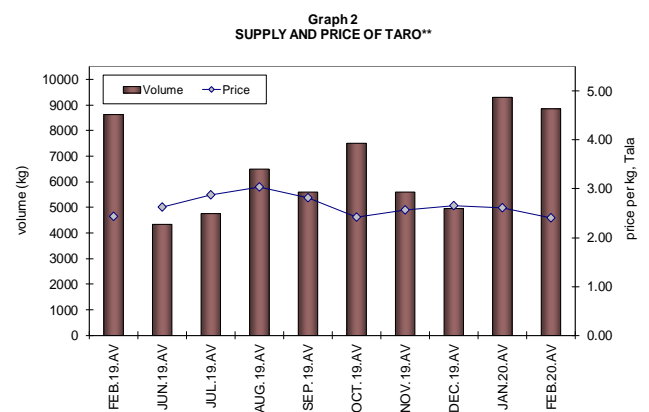
The monthly survey of Agricultural food supplies at the Local Markets by the Samoa Bureau of Statistics in February 2020 showed overall volume decrease 37 percent from January 2020. Significant decreases were recorded for all agricultural produce with the exception of breadfruit and yam supplies. When compared with the same month last year, current supply was 28 percent lower. (See Graph 1 and Tables 4 & 5)



The overall price index was driven up 13 percent from the previous month due to significant decreases in the supply of all vegetable produce. When compared with February 2019, the current overall price was 27 percent higher.

TARO

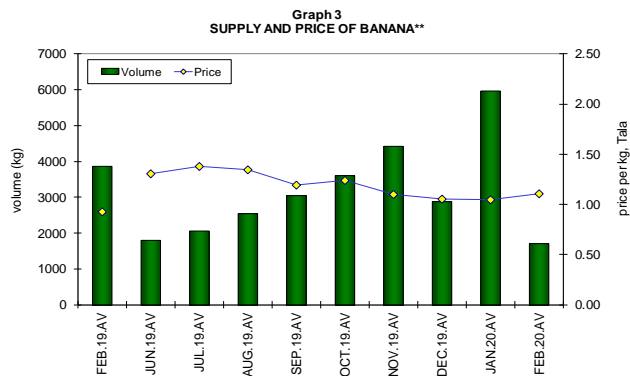
The volume of taro supplies in February 2020 dropped 5 percent (to 8,862 kilograms) from January 2020; a level that was 3 percent higher than the same month a year ago. Weakened domestic demand pushed its average down 7 percent (to \$2.41 per kilogram). When compared with the same month last year current price was 1 percent lower. (See Graph 2 and Tables 1&2)



When comparing the twelve months ending February 2020 over twelve months ending February 2019, taro supplies revealed no changed while its average price decreased 5 percent.

BANANA

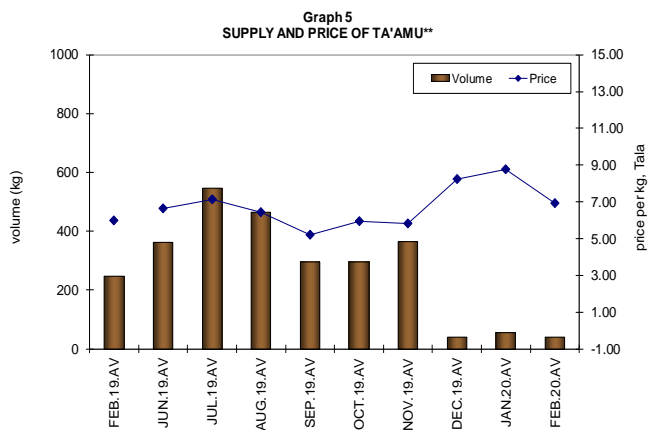
The supply of banana to the Local Markets in February 2020 decreased 71 percent (to 1,707 kilograms) from the previous month while limited supplies led its average price to rise 6 percent (to \$1.11 per kilogram). When compared with February 2019, current supply of banana price was 56 percent lower while its average price was 20 percent higher. (See Graph 3 and Tables 1&2)



Current supply of banana in the month under review contributed to an 86 percent rise in volume when comparing the twelve months ending February 2020 over the twelve months ending February 2019. Price fell 12 percent.

TA'AMU

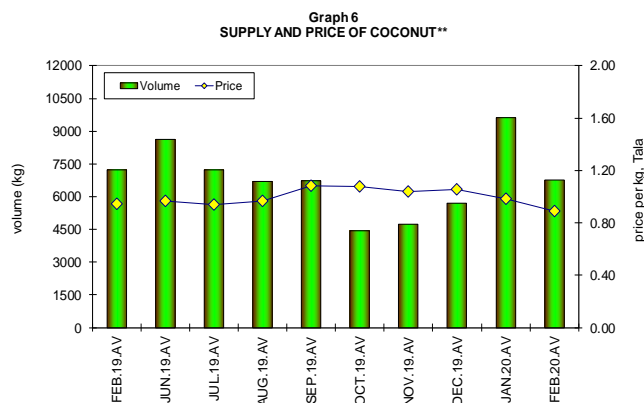
In the month under review ta'amu supplies declined 31 percent (to 39 kilograms) from January 2020 while weakened domestic demand pushed its average price down 21 percent (to \$6.91 per kilogram). In comparison with February 2019, current supply of ta'amu was 84 percent lower while its average price was 15 percent higher. (See Graph 5 and Tables 1&2)



Current supply of ta'amu in the month under review contributed to a 34 percent decrease in ta'amu volume when comparing the twelve months ending February 2020 over twelve months ending February 2019 while limited availability pushed its average price up 13 percent.

COCONUT

At 6,750 kilograms the supply of coconut in February 2020 decreased 30 percent from the previous month while weakened demand pushed its average price down 9 percent (to \$0.89 per kilogram). Current availability of coconut was 6 percent lower than average availability in February 2019 while average price decreased 6 percent over the year. (See Graph 6 and Tables 1&2)



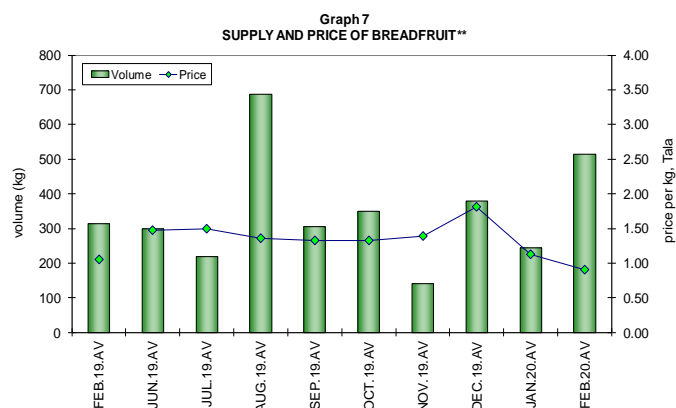
Comparing the twelve months ending February 2020 over the twelve months ending February 2019 supply of coconut was 8 percent higher while its average price fell 1 percent.

BREADFRUIT

At an average of 515 kilograms, breadfruit supply in February 2020 was more than doubled when compared to the previous month. Increased availability for breadfruit drove its average price down 20 percent (to \$0.90 per kilogram). When compared with February 2019, current availability of breadfruit supply was 63 percent higher while its average price was 14 percent lower. (See Graph 7 and Tables 1& 2)

VEGETABLE PRODUCE

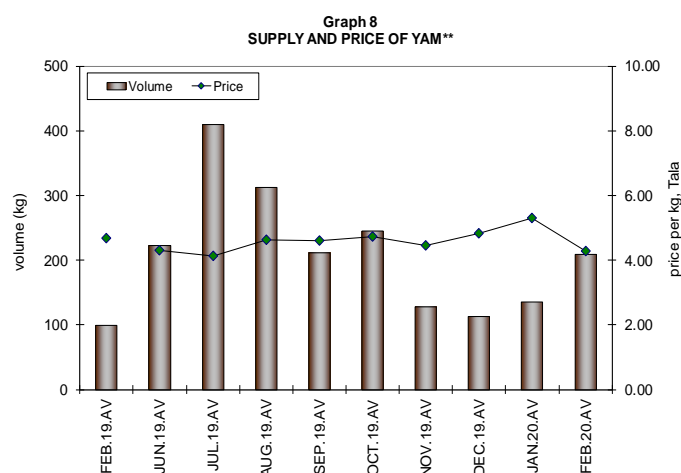
Lingering wet weather conditions in February 2020 affected the supply of vegetable produce to the Local Markets resulting in substantial loss in the supply of all vegetable produce. Tomato supplies fell 73 percent (to 35 kilograms) while pumpkin volume fell 54 percent (to 4,722 kilograms). Supplies of head cabbage declined 37 percent (to 283 kilograms) from January 2020 while supplies of Chinese cabbage fell 25 percent (to 66 kilograms) followed by a decline in cucumber supplies decreasing 9 percent (to 587 kilograms) when compared to the previous month. (See Graphs 9 to 13 and Tables 1 & 2)



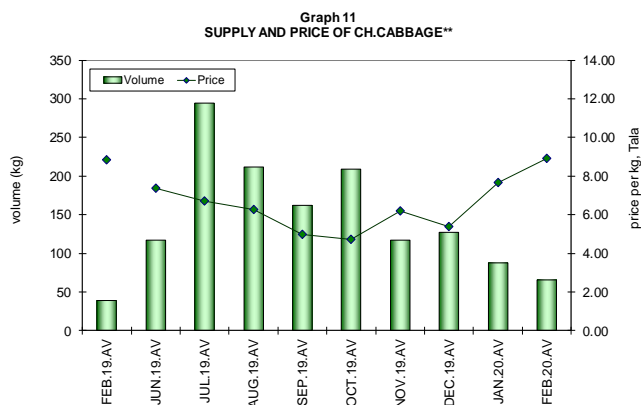
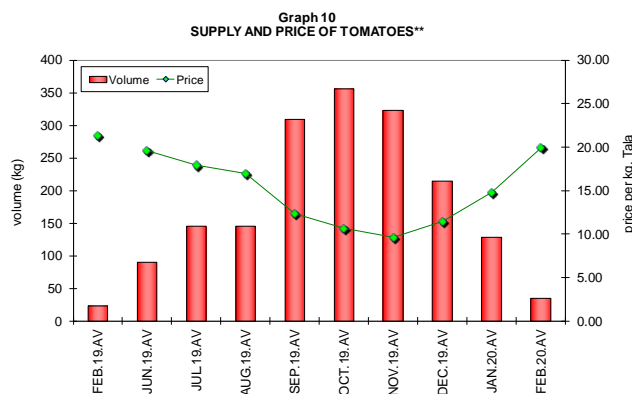
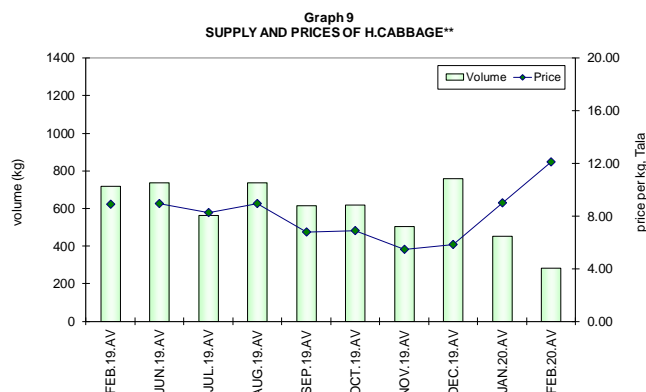
Current supply of breadfruit contributed to a 16 percent increase in volume when comparing the twelve months ending February 2020 over the twelve months ending February 2019 while its average price decreased 1 percent.

YAM

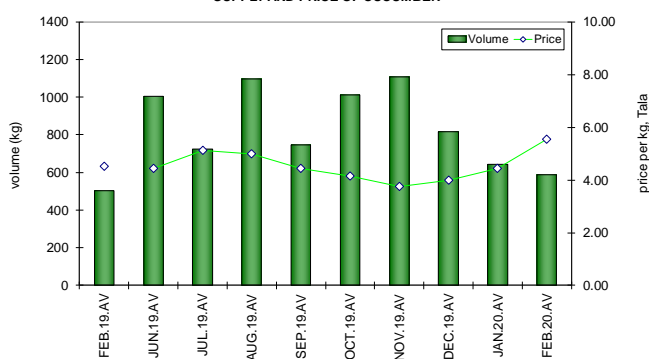
The supply of yam in the month under review increased 56 percent (to 209 kilograms) from the previous month while increased availability pushed its average price down 19 percent (to \$4.28 per kilogram). When compared with the same month last year, current supply of yam was 111 percent higher while increased availability over the year pushed its average price down 8 percent. (See Graph 8 and Tables 1 & 2)



Current supply of yam in the month under review contributed to a 106 percent increase in volume in the twelve months ending February 2020 over the twelve months ending February 2019, while its average price fell 4 percent.



Graph 12
SUPPLY AND PRICE OF CUCUMBER**



Graph 13
SUPPLY AND PRICE OF PUMPKIN**

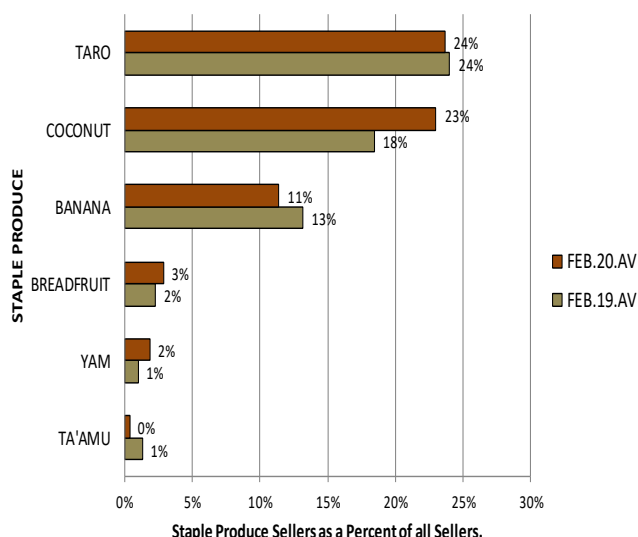


Subsequent to the limited availability of all vegetable produce supplied to the Local Markets in the month under review, average prices for all vegetable increased. Tomato and head cabbage both experienced the largest price increase of 34 percent each (to \$19.92 per kilogram) and (to \$12.11 per kilogram) from January 2020. Cucumber and pumpkin prices both grew 25 percent each (to \$5.55 per kilogram) and (to \$4.43 per kilogram) from the previous month, while Chinese cabbage prices increased 16 percent (to \$8.91 per kilogram).

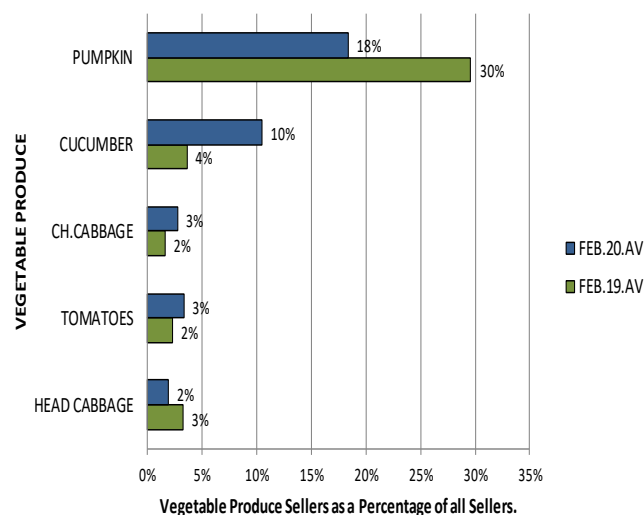
SELLERS

At 270, the number of sellers at the Local Markets on the days surveyed in February 2020 decreased 13 percent from the previous month and was also 11 percent lower when compared with the number of sellers in the same month a year ago. (See Graphs 14 and 15 and Table 6).

GRAPH 14
SELLERS BY STAPLE PRODUCE



GRAPH 15
SELLERS BY VEGETABLE PRODUCE



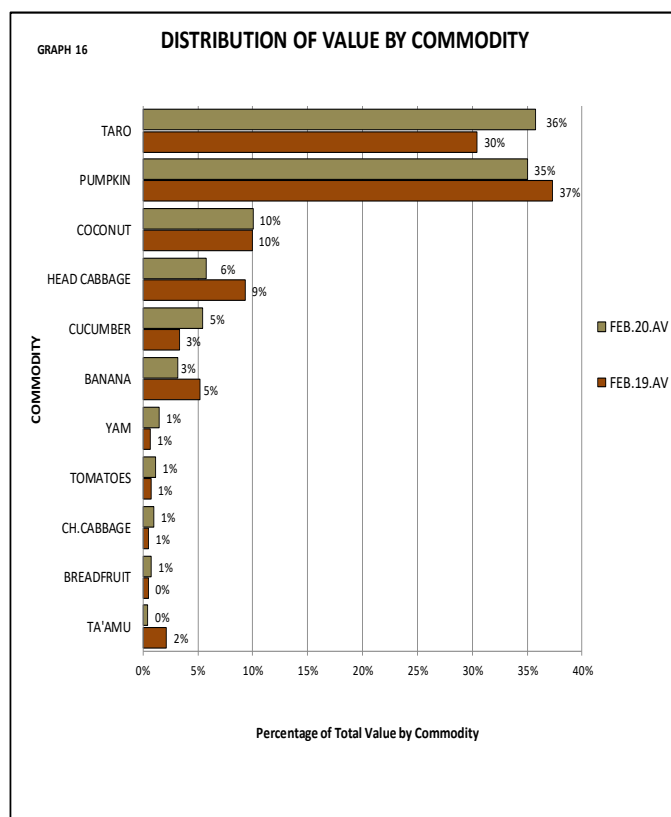
In February 2020, taro sellers at 64 were the largest group at the local markets increasing from 57 in the previous month but were lower than 73 in the same month last year. Coconut sellers followed recording an increasing total of 62 from 61 last month and 56 in the same month a year ago while pumpkin sellers decreased to 50 from 81 in the previous month and 90 a year ago. Banana sellers recorded a total of 31 decreasing from 35 last month and 40 in the same month last year. Sellers of cucumber recorded a decreasing total of 28 from 29 in January 2020 but were higher than 11 in February 2019, while total

sellers of tomato decreased to 9 from 21 last month but were higher than 7 a year ago. Breadfruit and Chinese cabbage sellers both recorded a total of 8 with breadfruit sellers increasing from 4 in the previous month and 7 in February 2019, while total sellers of Chinese cabbage decreased from 10 in January 2020 but were higher than 5 in the same month last year. Yam and head cabbage sellers both recorded a total of 5 with yam sellers increasing from 3 in January 2020 and February 2019 while total sellers of head cabbage fell from 9 last month and 10 in the same month last year. Sellers of ta'amu remained at 1 from the previous month and 3 when compared with January 2019 while sellers of ta'amu remained at 1 from last month but were lower than 4 in the same month a year ago.

Taro supplies contributed the most to the total value of produce surveyed with a share of 36 percent in February 2020; a level that was higher than 28 percent in January 2020 and 30 percent in February 2019. Pumpkin supplies followed with a 35 percent contribution to total value decreasing from 42 percent in the previous month and 37 percent when compared with a year ago. Supplies of coconut contributed 10 percent of total value decreasing from 11 percent last month and remained unchanged in the same month last year while supplies of head cabbage accounted for 6 percent of total value, increasing from 5 percent last month but were lower than 9 percent in the same month last year. Shares of cucumber accounted for 6 percent of total value increasing from 5 percent in the previous month and 3 percent when compared with February 2019, while banana supplies accounted for 3 percent of total value decreasing from 7 percent last month and 5 percent in the same month last year. Shares of yam, tomato, Chinese cabbage and breadfruit supply all accounted for 1 percent each of total value while lower shares were recorded for ta'amu in the month under review. (See Graph 16 & Table 3)

VALUE OF SUPPLIES

The average value of selected produce supplied to the Local Markets at \$59,800 in February 2020 decreased 32 percent from the previous month and was 13 percent lower when compared with February 2019.



Technical Notes

The Local Market Survey measures the price and volume of selected agricultural produce from the Local Markets at **Fugalei, Taufusi, Vaitele, Afega, Saleimoa, Fasitootai, Savaia, and Salelologa** every month. Prices for selected produce are taken from the Consumer Price Index.

** Data shown reflects the average availability and prices of selected produce. This survey is conducted on each Thursday for rural markets on Upolu and Savaii and each Friday for urban markets on Upolu in the months under reference.

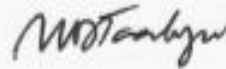
Weights for selected produce have been revised using 2014 as the base period and have been incorporated starting from June 2016 report.

The Local Market Survey Report for March 2020 will be available on 13th April 2020.

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SUMMARY OF MARKET SURVEY

Table 1: Quantity Supplied (in kilograms)

PRODUCE	2014 AVE	FEB.19.AV	JUN.19.AV	JUL.19.AV	AUG.19.AV	SEP.19.AV	OCT.19.AV	NOV.19.AV	DEC.19.AV	JAN.20.AV	FEB.20.AV	Feb-20	
												% chng from prev mnth	%chng from FEB 19
TARO	7521	8622	4327	4747	6484	5594	7491	5610	4959	9294	8862	-5	3
BANANA	2642	3865	1791	2062	2552	3053	3596	4414	2886	5964	1707	-71	-56
TA'AMU	816	247	363	548	466	297	296	366	41	57	39	-31	-84
COCONUT	7993	7219	8629	7237	6699	6717	4443	4753	5702	9611	6750	-30	-6
BREADFRUIT	186	315	300	218	688	305	350	140	380	245	515	110	63
YAM	129	99	223	410	313	212	245	128	113	135	209	55	111
HEAD CABBAGE	811	719	738	564	737	615	618	506	758	452	283	-37	-61
TOMATOES	256	23	90	146	145	309	356	323	215	128	35	-73	51
CH.CABBAGE	129	39	117	294	212	162	209	117	128	88	66	-25	69
CUCUMBER	542	503	1002	726	1098	745	1010	1109	817	643	587	-9	17
PUMPKIN	6217	8959	9188	8327	6133	12327	15484	15346	15385	10263	4722	-54	-47

Table 2: Weighted Average Price Per Kilograms (in Tala)

PRODUCE	2014 AVE	FEB.19.AV	JUN.19.AV	JUL.19.AV	AUG.19.AV	SEP.19.AV	OCT.19.AV	NOV.19.AV	DEC.19.AV	JAN.20.AV	FEB.20.AV	Feb-20	
												% chng from prev mnth	%chng from FEB 19
TARO	1.48	2.43	2.62	2.87	3.03	2.82	2.42	2.56	2.65	2.60	2.41	-7	-1
BANANA	0.76	0.93	1.30	1.38	1.34	1.19	1.24	1.10	1.06	1.05	1.11	6	20
TA'AMU	2.78	6.00	6.65	7.12	6.41	5.20	5.92	5.83	8.25	8.78	6.91	-21	15
COCONUT	0.62	0.95	0.97	0.94	0.97	1.09	1.07	1.04	1.06	0.98	0.89	-9	-6
BREADFRUIT	0.94	1.05	1.47	1.49	1.36	1.33	1.33	1.39	1.81	1.12	0.90	-20	-14
YAM	3.16	4.67	4.30	4.13	4.62	4.62	4.74	4.44	4.84	5.30	4.28	-19	-8
HEAD CABBAGE	5.40	8.88	8.92	8.27	8.93	6.77	6.87	5.48	5.84	9.02	12.11	34	36
TOMATOES	9.55	21.37	19.62	17.94	17.01	12.38	10.66	9.63	11.50	14.82	19.92	34	-7
CH.CABBAGE	4.38	8.84	7.39	6.72	6.28	4.97	4.73	6.20	5.37	7.67	8.91	16	1
CUCUMBER	2.99	4.52	4.43	5.11	5.00	4.43	4.15	3.75	3.98	4.45	5.55	25	23
PUMPKIN	2.61	2.87	3.55	3.60	4.21	3.19	3.06	3.01	3.10	3.56	4.43	25	55

Table 3: Value of Supplies (in Tala thousands)

PRODUCE	Total value 2014	FEB.19.AV	JUN.19.AV	JUL.19.AV	AUG.19.AV	SEP.19.AV	OCT.19.AV	NOV.19.AV	DEC.19.AV	JAN.20.AV	FEB.20.AV	Feb-20	
												% chng from prev mnth	%chng from FEB 19
TARO	126.6	21.0	11.4	13.6	19.6	15.8	18.1	14.4	13.2	24.2	21.4	-12	2
BANANA	25.1	3.6	2.3	2.8	3.4	3.6	4.5	4.9	3.1	6.2	1.9	-70	-47
TA'AMU	25.6	1.5	2.4	3.9	3.0	1.5	1.8	2.1	0.3	0.5	0.3	-46	-82
COCONUT	59.3	6.8	8.3	6.8	6.5	7.3	4.8	5.0	6.0	9.4	6.0	-36	-12
BREADFRUIT	1.8	0.3	0.4	0.3	0.9	0.4	0.5	0.2	0.7	0.3	0.5	64	39
YAM	4.7	0.5	1.0	1.7	1.5	1.0	1.2	0.6	0.5	0.7	0.9	24	93
HEAD CABBAGE	44.6	6.4	6.6	4.7	6.6	4.2	4.2	2.8	4.4	4.1	3.4	-16	-46
TOMATOES	21.5	0.5	1.8	2.6	2.5	3.8	3.8	3.1	2.5	1.9	0.7	-64	41
CH.CABBAGE	5.9	0.4	0.9	2.0	1.3	0.8	1.0	0.7	0.7	0.7	0.6	-12	69
CUCUMBER	18.4	2.3	4.5	3.7	5.5	3.3	4.2	4.2	3.3	2.9	3.3	14	44
PUMPKIN	178.3	25.7	32.6	30.0	25.8	39.4	47.3	46.3	47.7	36.5	20.9	-43	-18
	511.8	68.8	72.1	72.2	76.6	81.1	91.3	84.1	82.3	87.4	59.8	-32	-13

*on the days surveyed
@ new weights and base

Table 4: Volume Index (2014 = 100)

PRODUCE	2014 Weights	FEB.19.AV	JUN.19.AV	JUL.19.AV	AUG.19.AV	SEP.19.AV	OCT.19.AV	NOV.19.AV	DEC.19.AV	JAN.20.AV	FEB.20.AV	% chng from prev mnth	%chng from FEB 19
TARO	0.25	115	58	63	86	74	100	75	66	124	118	-5	3
BANANA	0.05	146	68	78	97	116	136	167	109	226	65	-71	-56
TA'AMU	0.05	30	45	67	57	36	36	45	5	7	5	-31	-84
COCONUT	0.12	90	108	91	84	84	56	59	71	120	84	-30	-6
BREADFRUIT	0.004	169	161	117	370	164	188	75	204	132	277	110	63
YAM	0.01	77	173	317	243	164	190	99	87	105	162	55	111
HEAD CABBAGE	0.09	89	91	70	91	76	76	62	93	56	35	-37	-61
TOMATOES	0.04	9	35	57	57	121	139	126	84	50	14	-73	51
CH.CABBAGE	0.01	30	91	228	164	126	162	91	99	68	51	-25	69
CUCUMBER	0.04	93	185	134	203	137	186	205	151	119	108	-9	17
PUMPKIN	0.35	144	148	134	99	198	249	247	247	165	76	-54	-47
	1.00	111	103	99	96	125	150	142	136	127	79	-37	-28

Table 5: Price Index (2014 = 100)

PRODUCE	2014 Weights	FEB.19.AV	JUN.19.AV	JUL.19.AV	AUG.19.AV	SEP.19.AV	OCT.19.AV	NOV.19.AV	DEC.19.AV	JAN.20.AV	FEB.20.AV	% chng from prev mnth	%chng from FEB 19
TARO	0.25	164	177	194	205	191	163	173	179	176	163	-7	-1
BANANA	0.05	122	172	182	177	157	163	145	139	138	146	6	20
TA'AMU	0.05	216	239	256	231	187	213	210	297	316	249	-21	15
COCONUT	0.12	153	156	151	156	175	173	168	171	158	143	-9	-6
BREADFRUIT	0.004	112	156	159	145	141	141	148	192	120	96	-20	-14
YAM	0.01	148	136	131	146	146	150	141	153	168	135	-19	-9
HEAD CABBAGE	0.09	164	165	153	165	125	127	101	108	167	224	34	36
TOMATOES	0.04	224	205	188	178	130	112	101	120	155	209	34	-7
CH.CABBAGE	0.01	202	169	153	143	113	108	142	123	175	204	16	1
CUCUMBER	0.04	151	148	171	167	148	139	125	133	149	186	25	23
PUMPKIN	0.35	110	136	138	161	122	117	115	119	136	170	25	55
	1.00	106	118	118	126	105	103	98	106	119	134	13	27

Table 6: Number of Sellers

PRODUCE	2014 AVE	FEB.19.AV	JUN.19.AV	JUL.19.AV	AUG.19.AV	SEP.19.AV	OCT.19.AV	NOV.19.AV	DEC.19.AV	JAN.20.AV	FEB.20.AV	% chng from prev mnth	%chng from FEB 19
TARO	46	73	46	44	49	46	60	51	47	57	64	11	-13
BANANA	27	40	24	22	28	31	33	46	35	35	31	-12	-23
TA'AMU	7	4	4	5	3	3	4	3	1	1	1	0	-75
COCONUT	57	56	53	44	43	39	32	51	43	61	62	1	11
BREADFRUIT	4	7	5	5	13	6	5	3	8	4	8	94	11
YAM	5	3	7	10	9	5	5	4	2	3	5	67	67
HEAD CABBAGE	12	10	15	12	10	10	10	16	9	9	5	-38	-48
TOMATOES	39	7	16	21	23	37	44	45	28	21	9	-58	29
CH.CABBAGE	13	5	19	22	23	23	25	16	17	10	8	-23	50
CUCUMBER	42	11	30	33	39	36	44	49	41	29	28	-1	157
PUMPKIN	83	90	92	79	62	103	111	113	91	81	50	-39	-45
	337	304	310	296	301	338	371	396	320	310	270	-13	-11

*on the days surveyed

@ new weights and base