



GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

LOCAL MARKET SURVEY OCTOBER 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:

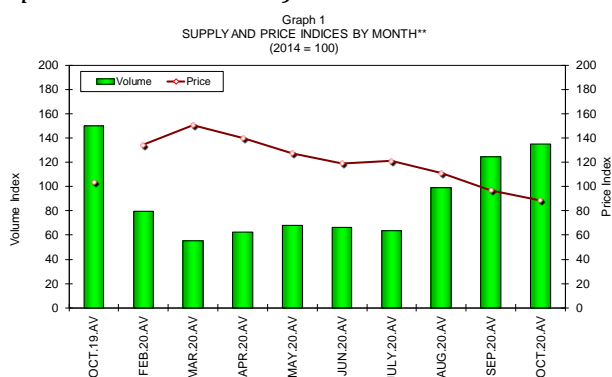
The Local Market Survey in October 2020 showed overall volume increase 9 percent while average price declined 9 percent when compared to September 2020.

- Despite the decrease in volume of most agricultural produce, there were significant positive contributions in the supply of taro, banana, coconut, head cabbage and cucumber that pushed the volume index up.
- The value of supplies rose 4 percent to \$76,900 from the previous month.
- The total number of sellers increased 10 percent to 311 from 282 in September 2020.

Issue: 01/10/20

OVERVIEW

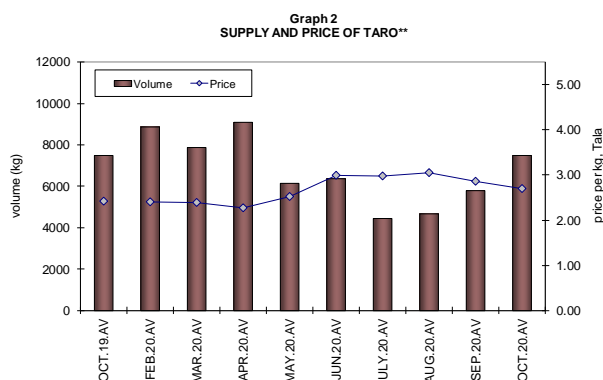
The monthly survey of Agricultural food supplies at the Local Markets by the Samoa Bureau of Statistics in October 2020 showed overall volume increase 9 percent from September 2020. Despite the decrease in the volume of most agricultural produce, there were significant increases in the supply of taro, banana, coconut, head cabbage and cucumber that pushed the volume index up. When compared with the same month last year, current supply was 10 percent lower. (See Graph 1 and Tables 4 & 5)



The overall price level declined 9 percent from the previous month. Lower prices of all agricultural produce with the exception of breadfruit, yam, Chinese cabbage and cucumber contributed to the decrease in the price index. When compared with October 2019, the current overall price level was 14 percent lower.

TARO

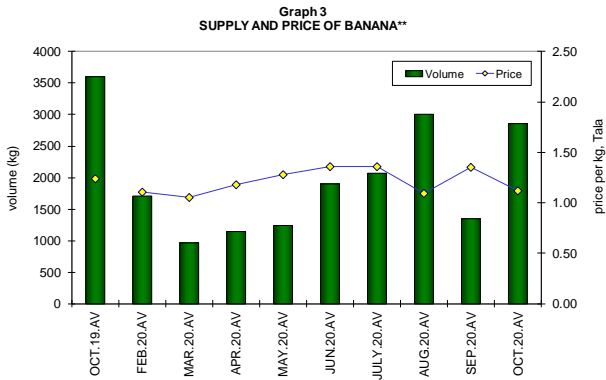
At 7,473 kilograms, the average supply of taro on the days surveyed expanded 29 percent from the previous month. With increased availability of taro in October 2020 its price fell 6 percent (to \$2.69 per kilogram). When compared with October 2019 current supply of taro remained unchanged while its average price was 11 percent higher. (See Graph 2 and Tables 1&2)



Current supply of taro in the month under review contributed to a 9 percent increase in volume when comparing the twelve months ending October 2020 over the twelve month ending October 2019. Price rose 1 percent.

BANANA

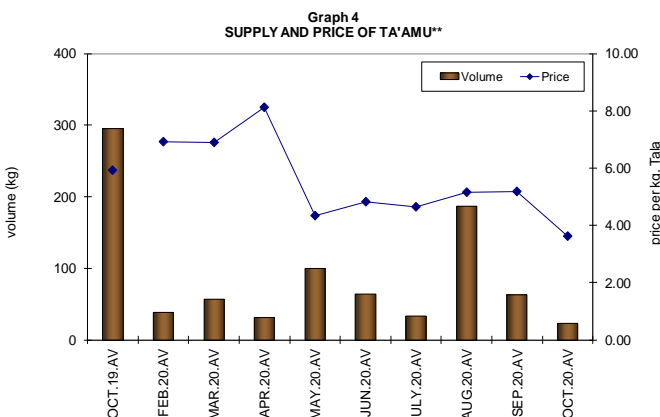
Banana supplies in the month under review was more than doubled when compared to the previous month; while increased availability led its average price to fall 17 percent (to \$1.12 per kilogram). When compared with October 2019, current supply of banana was 21 percent lower while its average price was 9 percent lower. (See Graph 3 and Tables 1&2)



When comparing the twelve months ending October 2020 over twelve months ending October 2019, banana supplies were 2 percent higher while increased demand pushed its average price up 1 percent.

TA'AMU

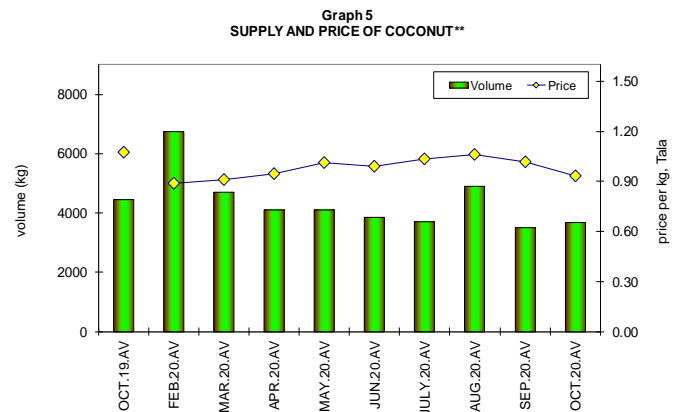
At an average of 23 kilograms ta'amu supply in October 2020 declined 63 percent from the previous month while its average price decreased 30 percent (to \$3.62 per kilogram). Compared to October 2019, current supply of ta'amu was 92 percent lower while its average price was also 39 percent lower. (See Graph 4 and Tables 1&2)



Current supply of ta'amu in the month under review contributed to a 73 percent decrease in ta'amu volume when comparing the twelve months ending October 2020 over twelve months ending October 2019 while decreased demand pushed its average price down 6 percent.

COCONUT

In the month under review, the supply of coconut increased 5 percent (to 3,677 kilograms) from the previous month, while increased availability pushed its average price down 9 percent (to \$0.93 per kilogram). When compared with October 2019 current supply of coconut was 17 percent lower while its average price decreased 13 percent over the year. (See Graph 5 and Tables 1&2)



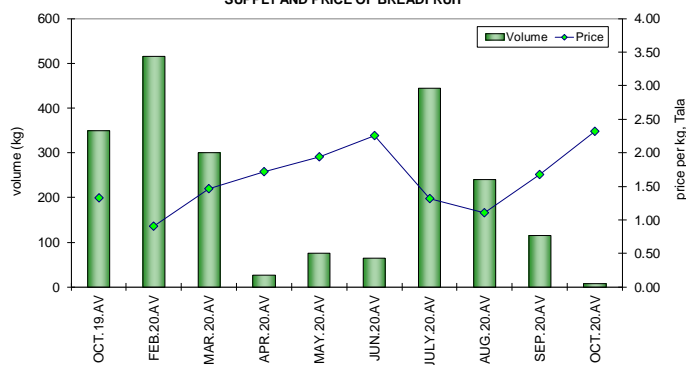
The volume of coconut recorded in the month under review contributed to a 28 percent decrease when comparing the twelve months ending October 2020 over the twelve months ending October 2019 while its average price also fell 2 percent.

BREADFRUIT

The volume of breadfruit supplies in October 2020 declined 93 percent (to 8 kilograms) from the previous month. Limited availability for breadfruit pushed its average price up 38 percent (to \$2.31 per kilogram). When compared with October 2019 current supply of breadfruit was 98 percent lower while its average price was 74 percent higher. (See Graph 6 and Tables 1 & 2)

VEGETABLE PRODUCE

Graph 6
SUPPLY AND PRICE OF BREADFRUIT**

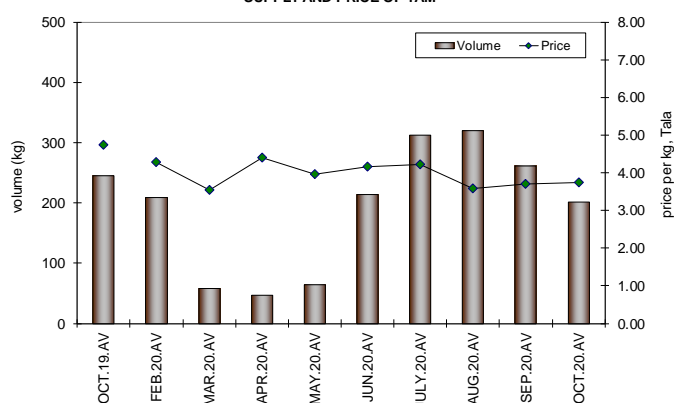


Current supply of breadfruit contributed to a 32 percent decrease in volume when comparing the twelve months ending October 2020 over the twelve months ending October 2019 while its average price increased 10 percent.

YAM

The supply of yam in the month under review fell 23 percent (to 202 kilograms) from the previous month while decreased availability pushed its average price up 1 percent (to \$3.75 per kilogram). When compared with the same month last year, current supply of yam was 18 percent lower while weakened demand over the year pushed its average price down 21 percent. (See Graph 7 and Tables 1 & 2)

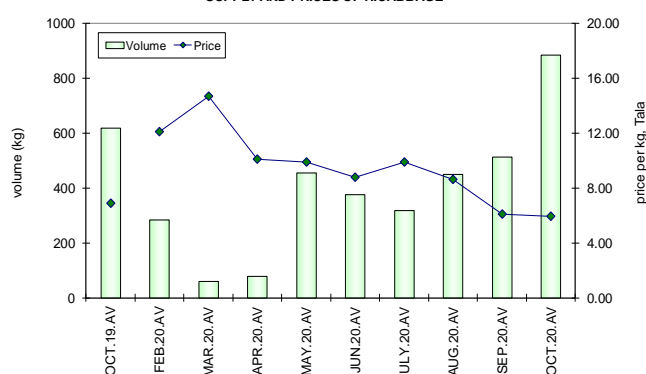
Graph 7
SUPPLY AND PRICE OF YAM**



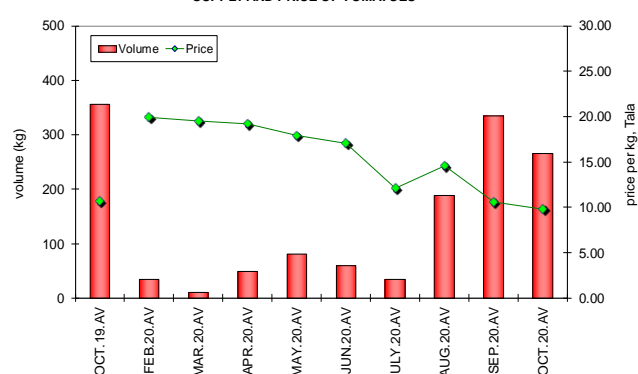
Current supply of yam in the month under review contributed to a 11 percent decline in volume in the twelve months ending October 2020 over the twelve months ending October 2019, while its average price fell 16 percent.

A general overview of all vegetable produce to the Local Markets in October 2020 revealed significant reductions in all vegetable supplies with the exception of head cabbage and cucumber whose volume rose 72 percent (to 886 kilograms) and 31 percent (to 923 kilograms) respectively from the previous month. Tomato supplies fell 21 percent (to 265 kilograms) from September 2020 followed by Chinese cabbage supplies decreasing 17 percent (to 173 kilograms) while pumpkin supplies also declined 1 percent (to 13,717 kilograms) when compared to the previous month. (See Graphs 8 to 12 and Tables 1 & 2)

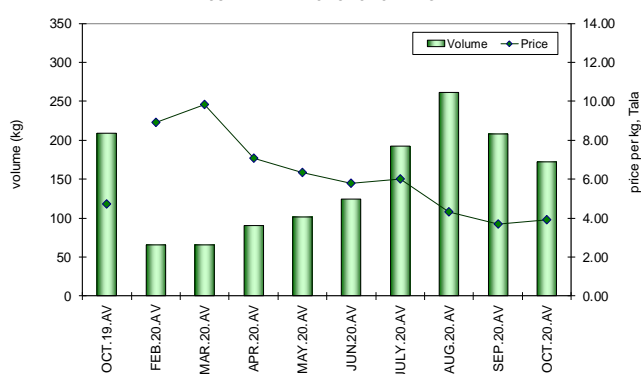
Graph 8
SUPPLY AND PRICES OF H.CABBAGE**



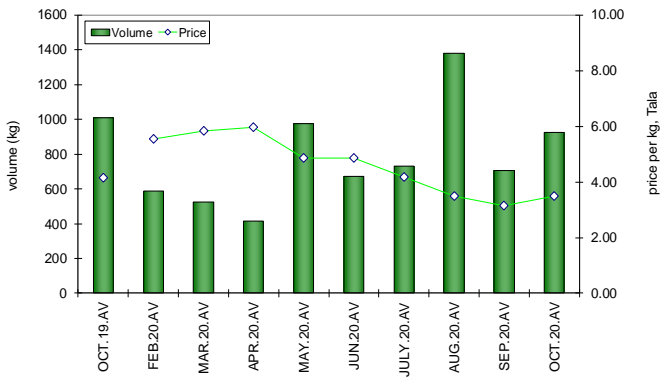
Graph 9
SUPPLY AND PRICE OF TOMATOES**



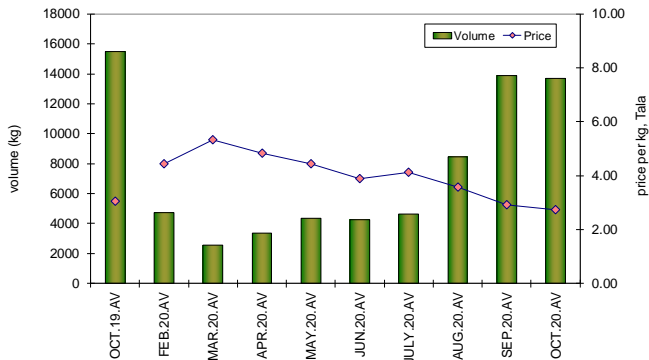
Graph 10
SUPPLY AND PRICE OF CH.CABBAGE**



Graph 11
SUPPLY AND PRICE OF CUCUMBER**



Graph 12
SUPPLY AND PRICE OF PUMPKIN**

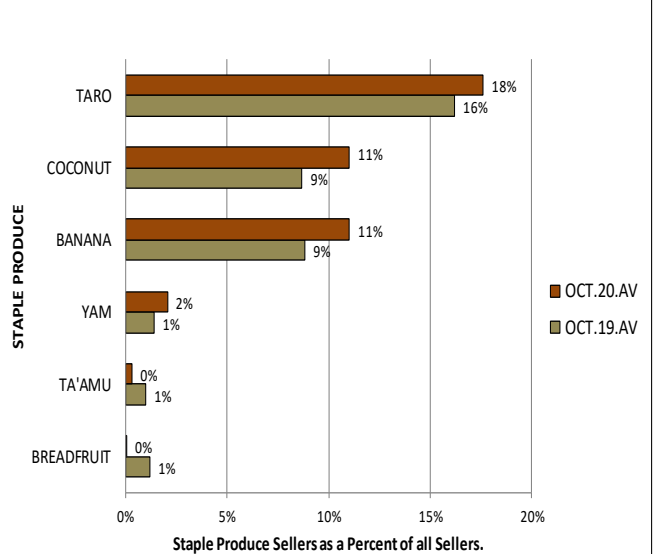


Subsequent to the limited availability of most vegetable produce to the Local Markets in the month under review and weakened demand for tomato and pumpkin, average prices for all vegetables declined with the exception of cucumber and Chinese cabbage prices recording an 11 percent increase (to \$3.48 per kilogram) and 6 percent (to \$3.92 per kilogram). Tomato prices registered the largest decrease of 8 percent (to \$9.82 per kilogram) followed by pumpkin prices declining 6 percent (to \$2.74 per kilogram) while price for head cabbage dropped 3 percent (to \$5.92 per kilogram) from the previous month.

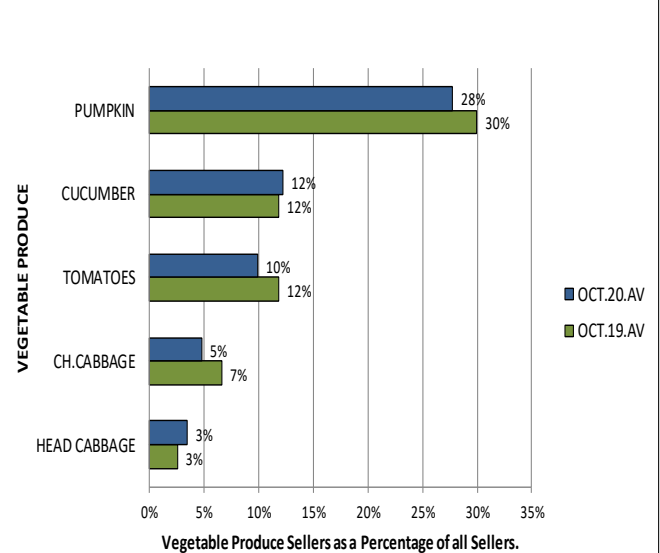
SELLERS

At 311, the number of sellers at the Local Markets on the days surveyed in October 2020 increased 10 percent from the previous month and was 16 percent lower when compared with the number of sellers in the same month a year ago. (See Graphs 13 and 14 and Table 6).

GRAPH 13
SELLERS BY STAPLE PRODUCE



GRAPH 14
SELLERS BY VEGETABLE PRODUCE

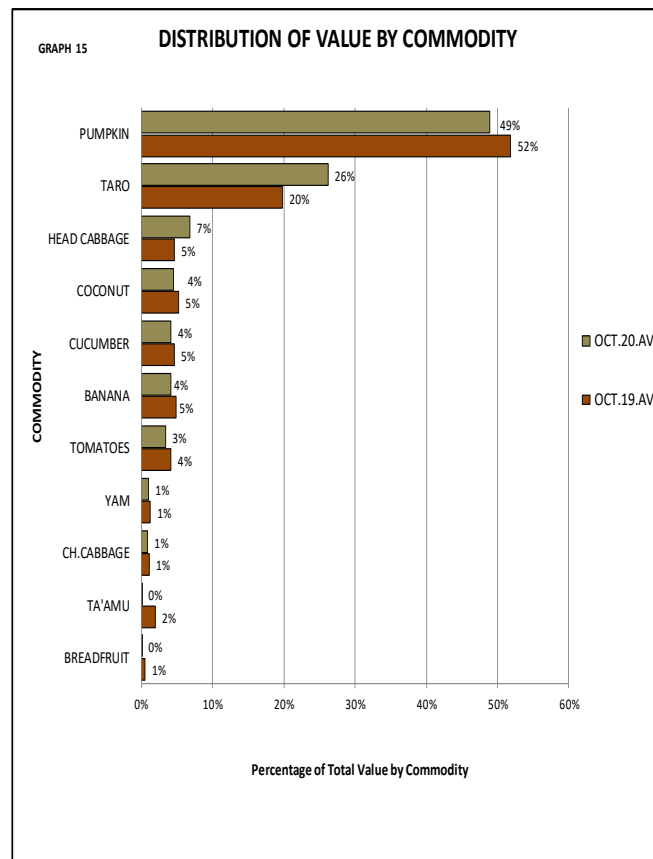


In October 2020, pumpkin sellers at 86 were the largest group at the local markets decreasing from 91 in the previous month and 111 in the same month last year. Taro sellers followed recording an increasing total of 55 from 46 in the previous month but were lower than 60 in the same month a year ago while cucumber sellers increased to 38 from 24 in the previous month but were lower than 44 a year ago. Banana and coconut sellers both recorded a total of 34 with banana sellers increasing from 20 in the previous month and 33 in the same month a year ago, while total sellers of coconut increased from 33 in September 2020 and 32 in the same month last year. Sellers of tomato recorded a

decreasing total of 31 from 33 in the previous month and 44 a year ago, while sellers of Chinese cabbage also recorded a decreasing total of 15 from 20 in September 2020 and 25 in October 2019. Head cabbage sellers followed recording an increasing total of 11 from 7 in the previous month and 10 in the same month a year ago. Total sellers of yam recorded a decreasing total of 6 from 7 in the previous month but were higher than 5 in the same month a year ago, while ta'amu sellers followed an unchanged total of 1 from the previous month but were lower than 4 when compared with the same month a year ago. Breadfruit recorded no seller in the month under review decreasing from 2 in the previous month and 5 when compared with the same month a year ago.

VALUE OF SUPPLIES

The average value of selected produce supplied to the Local Markets at \$76,900 in October 2020 increased 4 percent from the previous month but was 16 percent lower when compared with October 2019.



Pumpkin supplies contributed the most to the total value of produce surveyed with a share of 49 percent in October 2020; a level that was lower than 55 percent in September 2020 and 52 percent in October 2019. Taro supplies followed with a 26 percent contribution to total value increasing from 20 percent in the previous month and the same month a year ago. Shares of head cabbage contributed 7 percent of total value increasing from 4 percent in the previous month and 5 percent in the same month a year ago. Supplies of coconut, cucumber and banana contributed 4 percent each to total value with coconut shares decreasing from 5 percent last month and the same month a year ago, followed by shares of cucumber increasing from 3 percent in the previous month but were lower than 5 percent when compared with October 2019 while shares of banana increased from 2 percent in September 2020 but were lower than 5 percent in October 2019. Supplies of tomato contributed 3 percent to total value decreasing from 5 percent last month and 4 percent in the same month a year ago. Yam and Chinese cabbage accounted for 1 percent each of total value while lower shares were recorded for breadfruit in the month under review. (See Graph 15 & Table 3)

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, Fasitoo Uta, 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 November 2020 will be available on 13th December 2020.

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SUMMARY OF MARKET SURVEY

Table 1: Quantity Supplied (in kilograms)

PRODUCE	2014 AVE	OCT.19.AV	FEB.20.AV	MAR.20.AV	APR.20.AV	MAY.20.AV	JUN.20.AV	JULY.20.AV	AUG.20.AV	SEP.20.AV	OCT.20.AV	Oct-20	
												% chng from prev mnth	%chng from OCT 19
TARO	7521	7491	8862	7878	9082	6148	6361	4431	4653	5775	7473	29	0
BANANA	2642	3596	1707	968	1144	1243	1901	2072	3000	1351	2853	111	-21
TA'AMU	816	296	39	57	32	100	65	33	187	63	23	-63	-92
COCONUT	7993	4443	6750	4708	4106	4109	3843	3696	4894	3515	3677	5	-17
BREADFRUIT	186	350	515	300	27	76	65	444	240	115	8	-93	-98
YAM	129	245	209	59	47	65	214	313	320	261	202	-23	-18
HEAD CABBAGE	811	618	283	60	78	456	376	319	449	514	886	72	43
TOMATOES	256	356	35	11	49	80	60	35	189	335	265	-21	-26
CH.CABBAGE	129	209	66	66	91	102	124	192	261	208	173	-17	-17
CUCUMBER	542	1010	587	526	415	976	671	729	1381	705	923	31	-9
PUMPKIN	6217	15484	4722	2579	3341	4370	4246	4618	8475	13906	13717	-1	-11

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

PRODUCE	2014 AVE	OCT.19.AV	FEB.20.AV	MAR.20.AV	APR.20.AV	MAY.20.AV	JUN.20.AV	JULY.20.AV	AUG.20.AV	SEP.20.AV	OCT.20.AV	% chng from	
												prev mnth	OCT 19
TARO	1.48	2.42	2.41	2.39	2.27	2.52	2.99	2.97	3.06	2.85	2.69	-6	11
BANANA	0.76	1.24	1.11	1.06	1.18	1.28	1.36	1.36	1.09	1.36	1.12	-17	-9
TA'AMU	2.78	5.92	6.91	6.89	8.12	4.34	4.82	4.64	5.17	5.18	3.62	-30	-39
COCONUT	0.62	1.07	0.89	0.91	0.95	1.01	0.99	1.04	1.06	1.02	0.93	-9	-13
BREADFRUIT	0.94	1.33	0.90	1.46	1.72	1.94	2.25	1.31	1.11	1.68	2.31	38	74
YAM	3.16	4.74	4.28	3.54	4.40	3.97	4.17	4.22	3.58	3.70	3.75	1	-21
HEAD CABBAGE	5.40	6.87	12.11	14.71	10.09	9.90	8.80	9.89	8.63	6.11	5.92	-3	-14
TOMATOES	9.55	10.66	19.92	19.56	19.20	17.92	17.08	12.08	14.57	10.63	9.82	-8	-8
CH.CABBAGE	4.38	4.73	8.91	9.82	7.09	6.35	5.80	5.99	4.32	3.69	3.92	6	-17
CUCUMBER	2.99	4.15	5.55	5.84	5.97	4.85	4.85	4.18	3.48	3.15	3.48	11	-16
PUMPKIN	2.61	3.06	4.43	5.32	4.84	4.44	3.88	4.13	3.58	2.92	2.74	-6	-10

Table 3: Value of Supplies (in Tala thousands)

PRODUCE	Total value 2014	OCT.19.AV	FEB.20.AV	MAR.20.AV	APR.20.AV	MAY.20.AV	JUN.20.AV	JULY.20.AV	AUG.20.AV	SEP.20.AV	OCT.20.AV	% chng from	
												prev mnth	OCT 19
TARO	126.6	18.1	21.4	18.8	20.6	15.5	19.0	13.2	14.2	16.5	20.1	22	11
BANANA	25.1	4.5	1.9	1.0	1.4	1.6	2.6	2.8	3.3	1.8	3.2	75	-28
TA'AMU	25.6	1.8	0.3	0.4	0.3	0.4	0.3	0.2	1.0	0.3	0.1	-76	-95
COCONUT	59.3	4.8	6.0	4.3	3.9	4.2	3.8	3.8	5.2	3.6	3.4	-4	-28
BREADFRUIT	1.8	0.5	0.5	0.4	0.1	0.2	0.2	0.6	0.3	0.2	0.0	-89	-96
YAM	4.7	1.2	0.9	0.2	0.2	0.3	0.9	1.3	1.1	1.0	0.8	-22	-34
HEAD CABBAGE	44.6	4.2	3.4	0.9	0.8	4.5	3.3	3.2	3.9	3.1	5.2	67	24
TOMATOES	21.5	3.8	0.7	0.2	0.9	1.4	1.0	0.4	2.8	3.6	2.6	-27	-31
CH.CABBAGE	5.9	1.0	0.6	0.6	0.6	0.7	0.7	1.2	1.1	0.8	0.7	-12	-31
CUCUMBER	18.4	4.2	3.3	3.1	2.5	4.7	3.3	3.1	4.8	2.2	3.2	45	-23
PUMPKIN	178.3	47.3	20.9	13.7	16.2	19.4	16.5	19.1	30.3	40.6	37.6	-7	-21
	511.8	91.3	59.8	43.7	47.4	52.8	51.6	48.7	68.0	73.7	76.9	4	-16

*on the days surveyed
@ new weights and base

Table 4: Volume Index (2014 = 100)

PRODUCE	2014 Weights	OCT.19.AV	FEB.20.AV	MAR.20.AV	APR.20.AV	MAY.20.AV	JUN.20.AV	JULY.20.AV	AUG.20.AV	SEP.20.AV	OCT.20.AV	% chng from prev mnth	%chng from OCT 19
TARO	0.25	100	118	105	121	82	85	59	62	77	99	29	0
BANANA	0.05	136	65	37	43	47	72	78	114	51	108	111	-21
TA'AMU	0.05	36	5	7	4	12	8	4	23	8	3	-63	-92
COCONUT	0.12	56	84	59	51	51	48	46	61	44	46	5	-17
BREADFRUIT	0.004	188	277	161	15	41	35	239	129	62	4	-93	-98
YAM	0.01	190	162	45	37	50	166	243	248	202	156	-23	-18
HEAD CABBAGE	0.09	76	35	7	10	56	46	39	55	63	109	72	43
TOMATOES	0.04	139	14	4	19	31	23	14	74	131	104	-21	-26
CH.CABBAGE	0.01	162	51	51	70	79	96	149	203	161	134	-17	-17
CUCUMBER	0.04	186	108	97	77	180	124	135	255	130	170	31	-9
PUMPKIN	0.35	249	76	41	54	70	68	74	136	224	221	-1	-11
	1.00	150	79	55	62	68	66	63	99	125	135	9	-10

Table 5: Price Index (2014 = 100)

PRODUCE	2014 Weights	OCT.19.AV	FEB.20.AV	MAR.20.AV	APR.20.AV	MAY.20.AV	JUN.20.AV	JULY.20.AV	AUG.20.AV	SEP.20.AV	OCT.20.AV	% chng from prev mnth	%chng from OCT 19
TARO	0.25	163	163	161	154	170	202	201	206	193	182	-6	11
BANANA	0.05	163	146	139	155	168	179	179	144	178	148	-17	-9
TA'AMU	0.05	213	249	248	292	156	173	167	186	186	130	-30	-39
COCONUT	0.12	173	143	147	153	163	160	167	171	164	150	-9	-13
BREADFRUIT	0.004	141	96	156	183	207	240	140	118	179	246	38	74
YAM	0.01	150	135	112	139	126	132	134	113	117	119	1	-21
HEAD CABBAGE	0.09	127	224	272	187	183	163	183	160	113	110	-3	-14
TOMATOES	0.04	112	209	205	201	188	179	127	153	111	103	-8	-8
CH.CABBAGE	0.01	108	204	224	162	145	132	137	99	84	89	6	-17
CUCUMBER	0.04	139	186	195	200	162	162	140	116	105	116	11	-16
PUMPKIN	0.35	117	170	204	185	170	149	158	137	112	105	-6	-10
	1.00	103	134	151	140	128	119	121	111	97	89	-9	-14

Table 6: Number of Sellers

PRODUCE	2014 AVE	OCT.19.AV	FEB.20.AV	MAR.20.AV	APR.20.AV	MAY.20.AV	JUN.20.AV	JULY.20.AV	AUG.20.AV	SEP.20.AV	OCT.20.AV	% chng from prev mnth	%chng from OCT 19
TARO	46	60	64	51	55	51	39	35	33	46	55	19	-9
BANANA	27	33	31	16	19	19	24	32	34	20	34	71	4
TA'AMU	7	4	1	1	2	2	1	2	4	1	1	20	-68
COCONUT	57	32	62	42	43	38	41	37	41	33	34	5	6
BREADFRUIT	4	5	8	5	2	2	2	8	5	2	0	-90	-96
YAM	5	5	5	2	2	3	5	7	8	7	6	-9	22
HEAD CABBAGE	12	10	5	2	3	8	6	9	8	7	11	66	14
TOMATOES	39	44	9	4	10	13	11	8	24	33	31	-6	-30
CH.CABBAGE	13	25	8	11	11	13	16	22	26	20	15	-27	-40
CUCUMBER	42	44	28	23	21	34	26	40	44	24	38	61	-14
PUMPKIN	83	111	50	37	48	49	51	57	81	91	86	-5	-23
	337	371	270	193	214	230	221	256	306	282	311	10	-16

*on the days surveyed

@ new weights and base