



GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

LOCAL MARKET SURVEY SEPTEMBER 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:

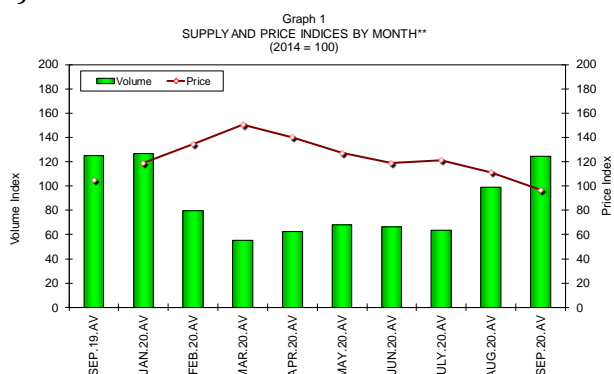
The Local Market Survey in September 2020 showed overall volume increase 26 percent while price index decreased 13 percent when compared to August 2020.

- There were significant increases in the supply of pumpkin, taro, head cabbage and tomato which largely impacted the overall increase in the volume index and the 13 percent decline in the price index.
- The value of supplies rose 8 percent to \$73,700 from the previous month.
- The total number of sellers decreased 8 percent to 282 from 306 in August 2020.

Issue: 01/09/20

OVERVIEW

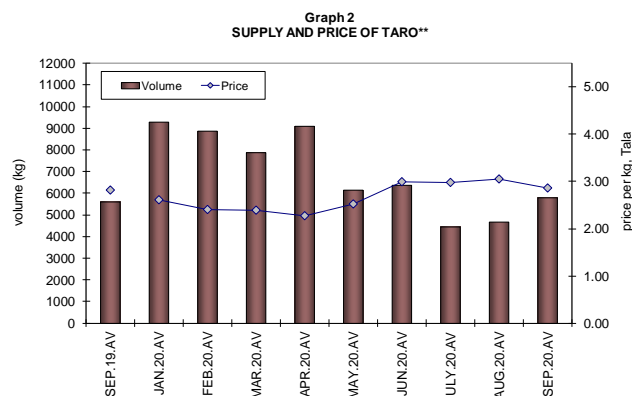
The monthly survey of Agricultural food supplies at the Local Markets by the Samoa Bureau of Statistics in September 2020 showed overall volume increase 26 percent from August 2020. Despite the decrease in the volume of most agricultural produce, there were significant increases in the supply of pumpkin, taro, head cabbage and tomato that pushed the volume index up. When compared with the same month last year, supply remained unchanged. (See Graph 1 and Tables 4 & 5)



The overall price level declined 13 percent from the previous month. Lower prices of all agricultural produce with the exception of banana, breadfruit, and yam contributed to the decrease in the price index. When compared with September 2019, the current overall price was 7 percent lower.

TARO

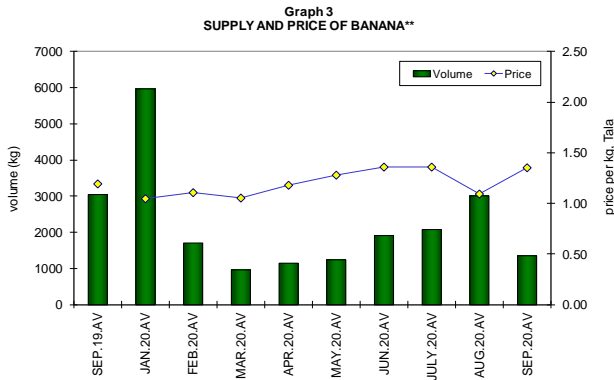
The supply of taro to the Local Market in September 2020 rose 24 percent (to 5,775 kilograms) from August 2020; a level that was 3 percent higher than the same month last year. The average price of taro declined 7 percent (to \$2.85 per kilogram). When compared with September 2019 current price was 1 percent higher. (See Graph 2 and Tables 1&2)



Current supply of taro in the month under review contributed to a 14 percent increase in volume when comparing the twelve months ending September 2020 over the twelve month ending September 2019. Price fell 1 percent.

BANANA

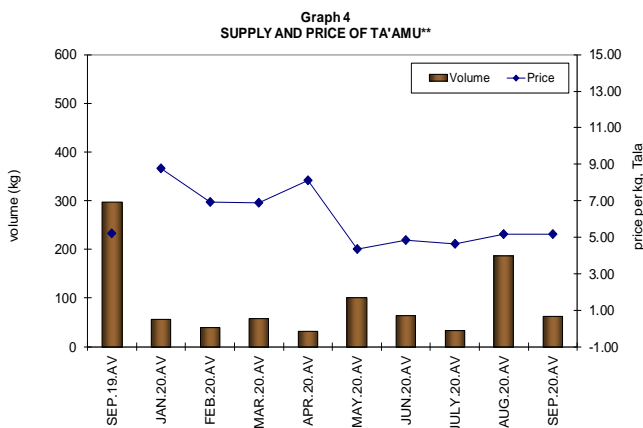
The supply of banana to the Local Markets in September 2020 decreased 55 percent (to 1,351 kilograms) from August 2020; while limited supplies led its average price to rise 24 percent (to \$1.36 per kilogram). When compared with September 2019, current supply of banana was 56 percent lower while its average price was 14 percent higher. (See Graph 3 and Tables 1&2)



When comparing the twelve months ending September 2020 over twelve months ending September 2019, banana supplies were 9 percent higher while increased demand pushed its average price up 2 percent.

TA'AMU

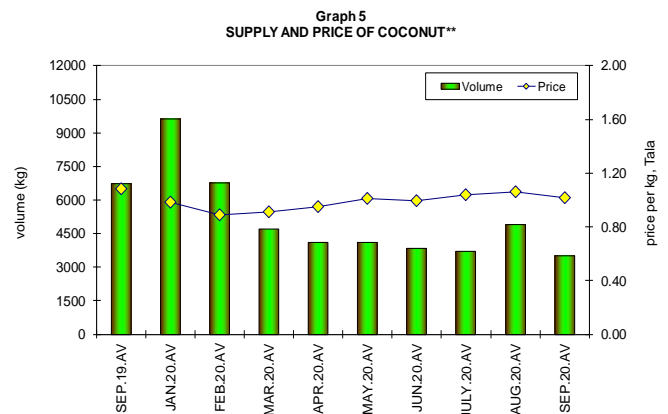
Ta'amu supplies in September 2020 declined 66 percent (to 63 kilograms) from the previous month while its average price remained unchanged. When compared with September 2019, current supply of ta'amu was 79 percent lower while its average price revealed no change. (See Graph 4 and Tables 1&2)



Current supply of ta'amu in the month under review contributed to a 68 percent decrease in ta'amu volume when comparing the twelve months ending September 2020 over twelve months ending September 2019 while decreased demand pushed its average price down 4 percent.

COCONUT

Coconut supplies in September 2020 decreased 28 percent (to 3,515 kilograms) from the previous month, while weakened domestic demand pushed its average price down 4 percent (to \$1.02 per kilogram). When compared with September 2019 current supply of coconut was 48 percent lower while its average price increased 6 percent over the year. (See Graph 5 and Tables 1&2)

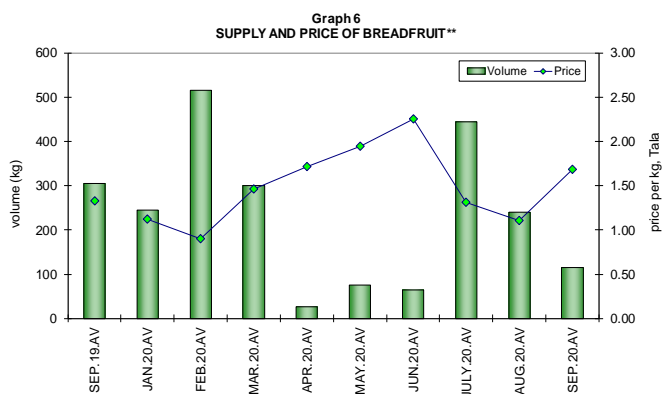


The volume of coconut recorded in the month under review contributed to a 28 percent decrease when comparing the twelve months ending September 2020 over the twelve months ending September 2019 while its average price also fell 2 percent.

BREADFRUIT

At an average of 115 kilograms, breadfruit supply in September 2020 declined 52 percent from the previous month. Limited availability for breadfruit pushed its average price up 51 percent (to \$1.68 per kilogram). When compared with September 2019 current supply of breadfruit was 62 percent lower while its average price was 27 percent higher. (See Graph 6 and Tables 1&2)

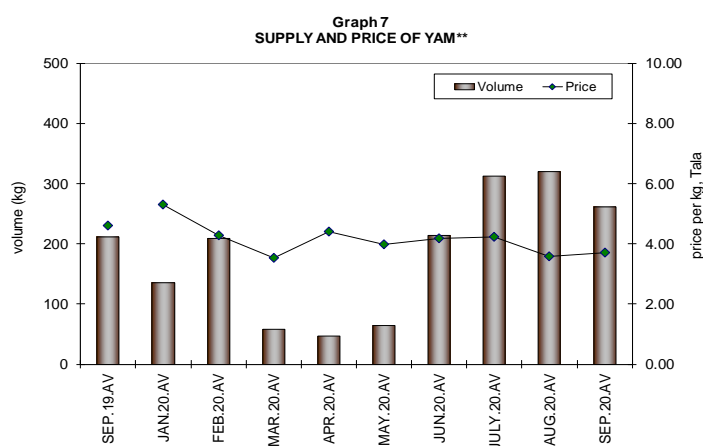
VEGETABLE PRODUCE



Current supply of breadfruit contributed to a 27 percent decrease in volume when comparing the twelve months ending September 2020 over the twelve months ending September 2019 while its average price increased 5 percent.

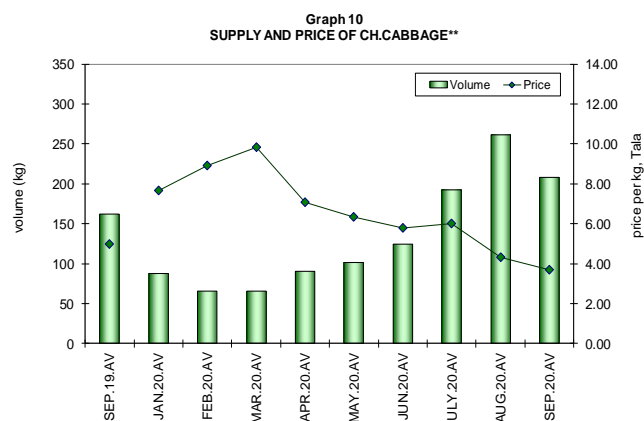
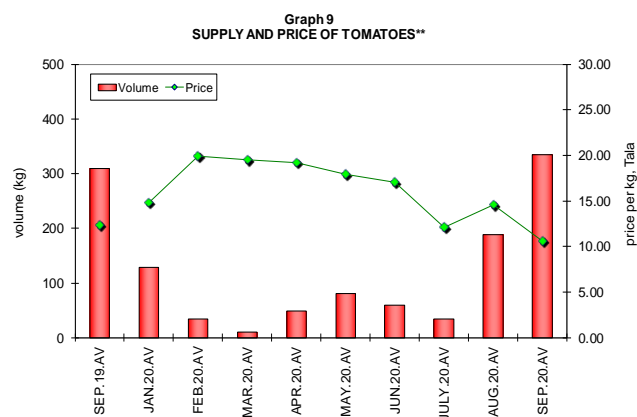
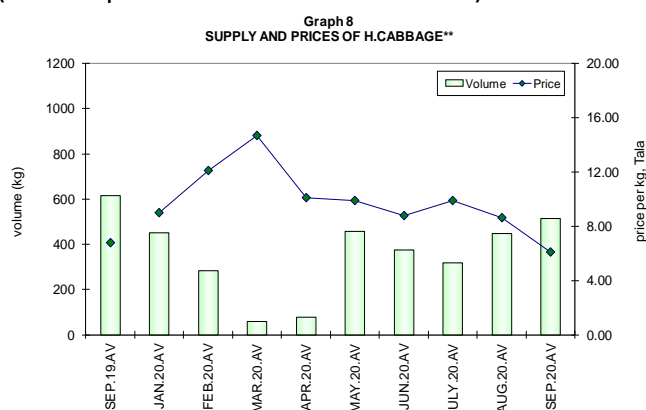
YAM

The supply of yam in the month under review fell 18 percent (to 261 kilograms) from the previous month while decreased availability pushed its average price up 3 percent (to \$3.70 per kilogram). When compared with the same month last year, current supply of yam was 23 percent higher while increased supplies over the year pushed its average price down 20 percent. (See Graph 7 and Tables 1 & 2)

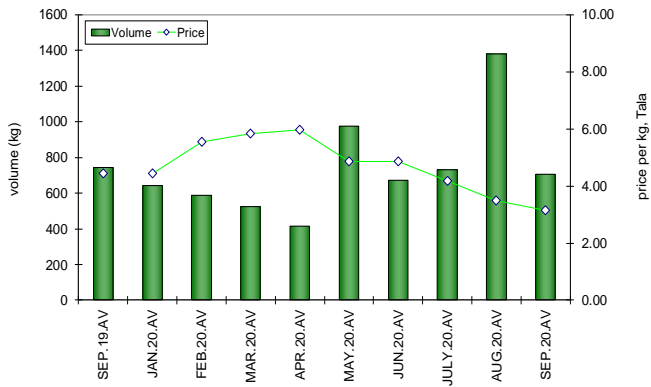


Current supply of yam in the month under review contributed to a 5 percent decline in volume in the twelve months ending September 2020 over the twelve months ending September 2019, while its average price fell 14 percent.

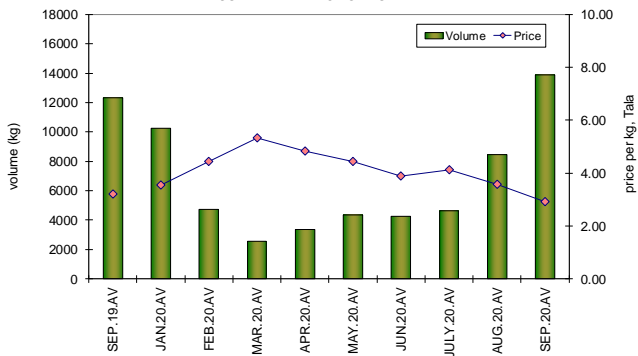
The supply of vegetable produce to the Local Markets in September 2020 experienced significant increases in all vegetable with the exception of cucumber and Chinese cabbage whose volume dropped 49 percent (to 705 kilograms) and 20 percent (to 208 kilograms) respectively from the previous month. Tomato supplies registered the largest increase at 77 percent (to 335 kilograms) from August 2020 followed by pumpkin supplies increasing 64 percent (to 13,906 kilograms) while head cabbage supplies also rose 14 percent (to 514 kilograms) when compared to the previous month. (See Graphs 8 to 12 and Tables 1 & 2)



Graph 11
SUPPLY AND PRICE OF CUCUMBER**



Graph 12
SUPPLY AND PRICE OF PUMPKIN**

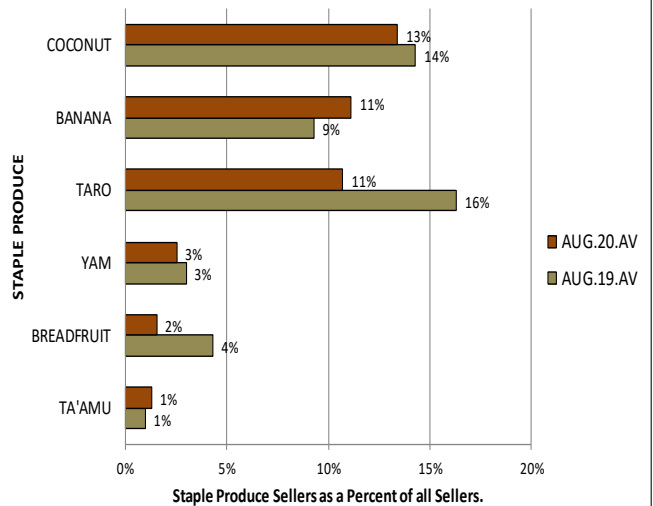


Subsequent to the increase in the supply of most vegetable produce to the Local Markets, average prices in the month under review decreased for all vegetables. Head cabbage prices registered the largest decrease of 29 percent (to \$6.11 per kilogram) followed by tomato prices declining 27 percent (to \$10.63 per kilogram) while price for pumpkin dropped 18 percent (to \$2.92 per kilogram) from the previous month. Weakened domestic demand for Chinese cabbage and cucumber pushed its average down 15 percent (to \$3.69 per kilogram) and 10 percent (to \$3.15 per kilogram) respectively.

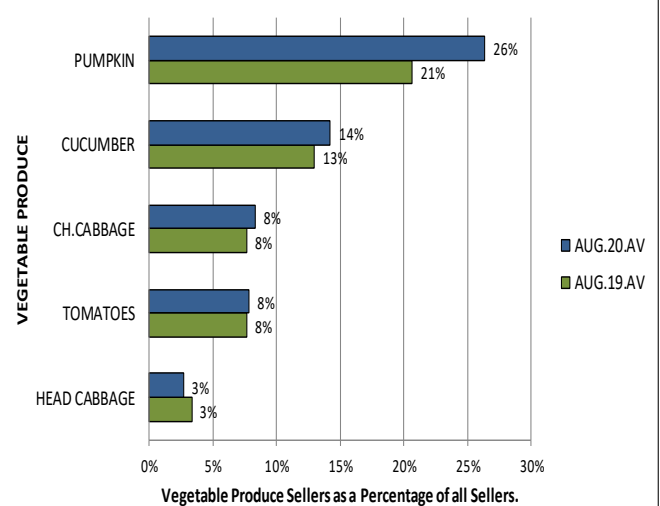
SELLERS

At 282, the number of sellers at the Local Markets on the days surveyed in September 2020 decreased 8 percent from the previous month and was 17 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 September 2020, pumpkin sellers at 91 were the largest group at the local markets increasing from 81 in the previous month but were lower than 103 in the same month last year. Taro sellers followed recording an increasing total of 46 from 33 in the previous month but remained unchanged in the same month a year ago. Sellers of coconut and tomato recorded an average of 33 each with coconut sellers decreasing from 41 in the previous month and 39 in the same month last year, while tomato sellers increased from 24 in August 2020 but were lower than 37 in September 2019. Sellers of

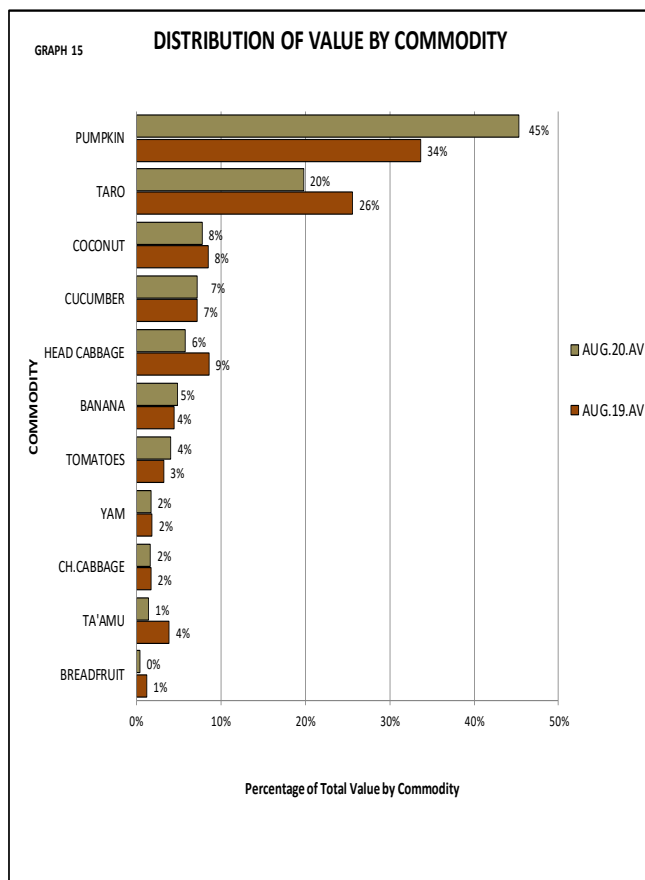
cucumber recorded a decreasing total of 24 from 44 in the previous month and 36 a year ago. Banana and Chinese cabbage recorded an average of 20 each with banana sellers decreasing from 34 in the previous month and 31 in the same month last year, and Chinese cabbage also decreased from 26 in August 2020 and 23 in September 2019. Yam and head cabbage sellers both recorded an average of 7 each with yam sellers decreasing from 8 in the previous month but were higher than 5 a year ago, and head cabbage sellers decreased from 8 in August 2020 and 10 in September 2019. Sellers of breadfruit recorded a decreasing total of 2 from 5 in the previous month and 6 in a year ago, while sellers of ta'amu recorded a decreasing total of 1 from 4 in August 2020 and 3 in September 2019.

Pumpkin supplies contributed the most to the total value of produce surveyed with a share of 55 percent in September 2020; a level that was higher than 45 percent in August 2020 and 49 percent in September 2019. Taro supplies followed with a 22 percent contribution to total value increasing from 20 percent in the previous month and 19 percent when compared with the same month a year ago. Shares of coconut and tomato both accounted for 5 percent each of total value with coconut shares decreasing from 8 percent last month and 9 percent in the same month a year ago while shares of tomato increased from 4 percent in the previous month but remained unchanged when compared with September 2019. Supplies of head cabbage contributed 4 percent to total value decreasing from 6 percent last month and 5 percent in the same month a year ago. Shares of cucumber accounted for 3 percent of total value decreasing from 7 percent in the previous month and 4 percent in the same month a year ago followed by banana shares accounting for 2 percent of total value decreasing from 5 percent in the previous month and 4 percent in the same month last year. Supplies of yam and Chinese cabbage both contributed 1 percent each to total value while lower shares were recorded for breadfruit in the month under review.

(See Graph 15 & Table 3)

VALUE OF SUPPLIES

The average value of selected produce supplied to the Local Markets at \$73,700 in September 2020 increased 8 percent from the previous month but was 9 percent lower when compared with September 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, 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 October 2020 will be available on 13th November 2020.

SAMOA BUREAU OF STATISTICS

*Economic Statistics Division
FMFM II Building, Level 1
P O Box 1151
Apia, Samoa*

Phone: (685) 62014/62015

Fax: (685) 24675

E-mail: info.stats@sbs.gov.ws

Website: www.sbs.gov.ws



Papali'i Fasavalu Benjamin Sila
ACTING GOVERNMENT STATISTICIAN

SUMMARY OF MARKET SURVEY

Table 1: Quantity Supplied (in kilograms)

PRODUCE	2014 AVE	SEP.19.AV	JAN.20.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	Sep-20	
												% chng from prev mnth	%chng from SEP 19
TARO	7521	5594	9294	8862	7878	9082	6148	6361	4431	4653	5775	24	3
BANANA	2642	3053	5964	1707	968	1144	1243	1901	2072	3000	1351	-55	-56
TA'AMU	816	297	57	39	57	32	100	65	33	187	63	-66	-79
COCONUT	7993	6717	9611	6750	4708	4106	4109	3843	3696	4894	3515	-28	-48
BREADFRUIT	186	305	245	515	300	27	76	65	444	240	115	-52	-62
YAM	129	212	135	209	59	47	65	214	313	320	261	-18	23
HEAD CABBAGE	811	615	452	283	60	78	456	376	319	449	514	14	-17
TOMATOES	256	309	128	35	11	49	80	60	35	189	335	77	8
CH.CABBAGE	129	162	88	66	66	91	102	124	192	261	208	-20	28
CUCUMBER	542	745	643	587	526	415	976	671	729	1381	705	-49	-5
PUMPKIN	6217	12327	10263	4722	2579	3341	4370	4246	4618	8475	13906	64	13

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

PRODUCE	2014 AVE	SEP.19.AV	JAN.20.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	% chng from	
												prev mnth	SEP 19
TARO	1.48	2.82	2.60	2.41	2.39	2.27	2.52	2.99	2.97	3.06	2.85	-7	1
BANANA	0.76	1.19	1.05	1.11	1.06	1.18	1.28	1.36	1.36	1.09	1.36	24	14
TA'AMU	2.78	5.20	8.78	6.91	6.89	8.12	4.34	4.82	4.64	5.17	5.18	0	0
COCONUT	0.62	1.09	0.98	0.89	0.91	0.95	1.01	0.99	1.04	1.06	1.02	-4	-6
BREADFRUIT	0.94	1.33	1.12	0.90	1.46	1.72	1.94	2.25	1.31	1.11	1.68	51	27
YAM	3.16	4.62	5.30	4.28	3.54	4.40	3.97	4.17	4.22	3.58	3.70	3	-20
HEAD CABBAGE	5.40	6.77	9.02	12.11	14.71	10.09	9.90	8.80	9.89	8.63	6.11	-29	-10
TOMATOES	9.55	12.38	14.82	19.92	19.56	19.20	17.92	17.08	12.08	14.57	10.63	-27	-14
CH.CABBAGE	4.38	4.97	7.67	8.91	9.82	7.09	6.35	5.80	5.99	4.32	3.69	-15	-26
CUCUMBER	2.99	4.43	4.45	5.55	5.84	5.97	4.85	4.85	4.18	3.48	3.15	-10	-29
PUMPKIN	2.61	3.19	3.56	4.43	5.32	4.84	4.44	3.88	4.13	3.58	2.92	-18	-9

Table 3: Value of Supplies (in Tala thousands)

PRODUCE	Total value 2014	SEP.19.AV	JAN.20.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	% chng from	
												prev mnth	SEP 19
TARO	126.6	15.8	24.2	21.4	18.8	20.6	15.5	19.0	13.2	14.2	16.5	16	4
BANANA	25.1	3.6	6.2	1.9	1.0	1.4	1.6	2.6	2.8	3.3	1.8	-44	-50
TA'AMU	25.6	1.5	0.5	0.3	0.4	0.3	0.4	0.3	0.2	1.0	0.3	-66	-79
COCONUT	59.3	7.3	9.4	6.0	4.3	3.9	4.2	3.8	3.8	5.2	3.6	-31	-51
BREADFRUIT	1.8	0.4	0.3	0.5	0.4	0.1	0.2	0.2	0.6	0.3	0.2	-30	-53
YAM	4.7	1.0	0.7	0.9	0.2	0.2	0.3	0.9	1.3	1.1	1.0	-15	-1
HEAD CABBAGE	44.6	4.2	4.1	3.4	0.9	0.8	4.5	3.3	3.2	3.9	3.1	-19	-25
TOMATOES	21.5	3.8	1.9	0.7	0.2	0.9	1.4	1.0	0.4	2.8	3.6	29	-7
CH.CABBAGE	5.9	0.8	0.7	0.6	0.6	0.6	0.7	0.7	1.2	1.1	0.8	-32	-5
CUCUMBER	18.4	3.3	2.9	3.3	3.1	2.5	4.7	3.3	3.1	4.8	2.2	-54	-33
PUMPKIN	178.3	39.4	36.5	20.9	13.7	16.2	19.4	16.5	19.1	30.3	40.6	34	3
	511.8	81.1	87.4	59.8	43.7	47.4	52.8	51.6	48.7	68.0	73.7	8	-9

*on the days surveyed
@ new weights and base

Table 4: Volume Index (2014 = 100)

PRODUCE	2014 Weights	SEP.19.AV	JAN.20.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	% chng from prev mnth	%chng from SEP 19
TARO	0.25	74	124	118	105	121	82	85	59	62	77	24	3
BANANA	0.05	116	226	65	37	43	47	72	78	114	51	-55	-56
TA'AMU	0.05	36	7	5	7	4	12	8	4	23	8	-66	-79
COCONUT	0.12	84	120	84	59	51	51	48	46	61	44	-28	-48
BREADFRUIT	0.004	164	132	277	161	15	41	35	239	129	62	-52	-62
YAM	0.01	164	105	162	45	37	50	166	243	248	202	-18	23
HEAD CABBAGE	0.09	76	56	35	7	10	56	46	39	55	63	14	-17
TOMATOES	0.04	121	50	14	4	19	31	23	14	74	131	78	8
CH.CABBAGE	0.01	126	68	51	51	70	79	96	149	203	161	-20	28
CUCUMBER	0.04	137	119	108	97	77	180	124	135	255	130	-49	-5
PUMPKIN	0.35	198	165	76	41	54	70	68	74	136	224	64	13
	1.00	125	127	79	55	62	68	66	63	99	125	26	0

Table 5: Price Index (2014 = 100)

PRODUCE	2014 Weights	SEP.19.AV	JAN.20.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	% chng from prev mnth	%chng from SEP 19
TARO	0.25	191	176	163	161	154	170	202	201	206	193	-7	1
BANANA	0.05	157	138	146	139	155	168	179	179	144	178	24	14
TA'AMU	0.05	187	316	249	248	292	156	173	167	186	186	0	0
COCONUT	0.12	175	158	143	147	153	163	160	167	171	164	-4	-6
BREADFRUIT	0.004	141	120	96	156	183	207	240	140	118	179	51	27
YAM	0.01	146	168	135	112	139	126	132	134	113	117	3	-20
HEAD CABBAGE	0.09	125	167	224	272	187	183	163	183	160	113	-29	-10
TOMATOES	0.04	130	155	209	205	201	188	179	127	153	111	-27	-14
CH.CABBAGE	0.01	113	175	204	224	162	145	132	137	99	84	-15	-26
CUCUMBER	0.04	148	149	186	195	200	162	162	140	116	105	-10	-29
PUMPKIN	0.35	122	136	170	204	185	170	149	158	137	112	-18	-9
	1.00	105	119	134	151	140	128	119	121	111	97	-13	-7

Table 6: Number of Sellers

PRODUCE	2014 AVE	SEP.19.AV	JAN.20.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	% chng from prev mnth	%chng from SEP 19
TARO	46	46	57	64	51	55	51	39	35	33	46	40	-1
BANANA	27	31	35	31	16	19	19	24	32	34	20	-41	-35
TA'AMU	7	3	1	1	1	2	2	1	2	4	1	-75	-67
COCONUT	57	39	61	62	42	43	38	41	37	41	33	-21	-17
BREADFRUIT	4	6	4	8	5	2	2	2	8	5	2	-58	-67
YAM	5	5	3	5	2	2	3	5	7	8	7	-10	40
HEAD CABBAGE	12	10	9	5	2	3	8	6	9	8	7	-21	-35
TOMATOES	39	37	21	9	4	10	13	11	8	24	33	35	-12
CH.CABBAGE	13	23	10	8	11	11	13	16	22	26	20	-21	-12
CUCUMBER	42	36	29	28	23	21	34	26	40	44	24	-46	-35
PUMPKIN	83	103	81	50	37	48	49	51	57	81	91	12	-12
	337	338	310	270	193	214	230	221	256	306	282	-8	-17

*on the days surveyed

@ new weights and base