

# SAMOA BUREAU OF STATISTICS

## LOCAL MARKET SURVEY

### JUNE 2023

*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:

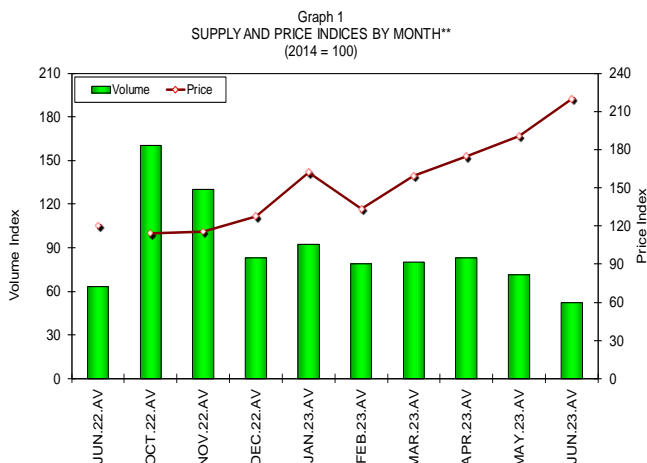
The Local Market Survey in June 2023 showed that the overall supply decreased by 27 percent while price rose 15 percent when compared to May 2023.

- Significant reduction in the supplies of most of the agricultural produce led to the increase in the price index.
- The total value of supplies fell 22 percent to \$66,800 from the previous month.
- The total number of sellers dropped 11 percent to 168 in June 2023 from the 189 recorded in May 2023.

Issue: 01/06/23

## OVERVIEW

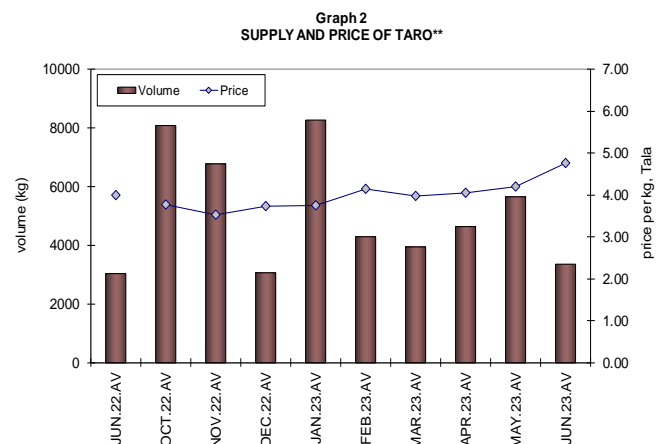
The monthly survey of Agricultural food supplies at the local markets by the Samoa Bureau of Statistics in June 2023 showed that overall volume decreased 27 percent from May 2023. This was due to the decline in the supply of most of the agricultural produce to the markets. When compared to June 2022, current supply also fell 17 percent. (See Graph 1 and Tables 4 & 5)



Limited supply of most agricultural produce prompted overall price level to rise 15 percent from the previous month. Prices for all agricultural produce went up with the exception of yam. When compared with June 2022, the current overall price level further increased by 83 percent.

## TARO

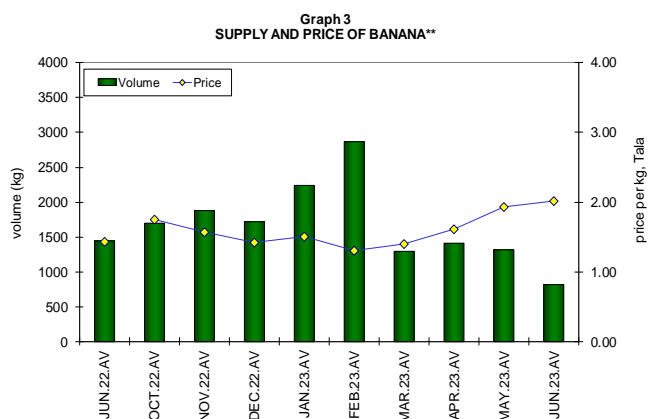
The volume of taro supply in June 2023 fell 41 percent (to 3,345 kilograms) from the previous month; a level that was 10 percent higher than the same month last year. The average price of taro increased 13 percent (to \$4.75 per kilogram) from the previous month. When compared to June 2022, price for taro also rose 19 percent. (See Graph 2 and Tables 1&2)



However, taro supply increased by 12 percent in the twelve-month period ending June 2023 in comparison to the twelve-month period ending June 2022. Its price also increased 28 percent.

## BANANA

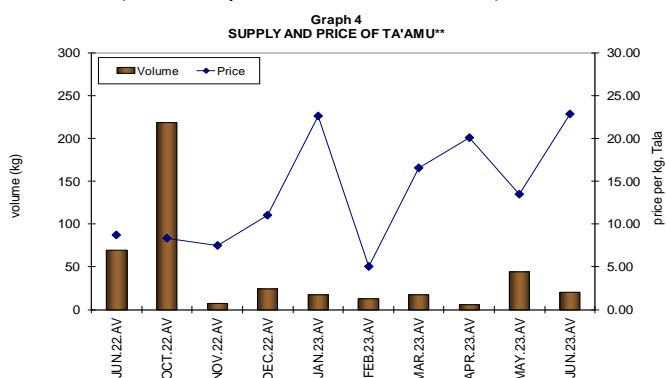
The supply of banana to the local markets in June fell 38 percent (to 813 kilograms) from May 2023 while its average price went up by 5 percent (to \$2.02 per kilogram). When compared with the same month last year, current supply of banana fell 44 percent while its average price increased 41 percent. (See Graph 3 and Tables 1&2).



Annually, banana supplies decreased 8 percent compared to the year ended June 2022, while its average price increased 24 percent.

## TA'AMU

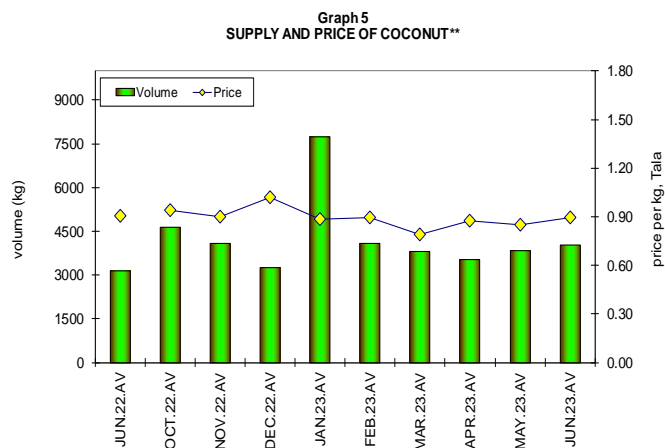
At an average of 20 kilograms, ta'amu supply in June 2023 was 54 percent lower than its supply in the previous month while decreased supply at the markets pushed its average price up by 70 percent (to \$22.83 per kilogram). In comparison to the same month last year, current supply of ta'amu fell 71 percent while its average price has more than doubled. (See Graph 4 and Tables 1&2)



In the year ending June 2023, volume of ta'amu supplied to the markets decreased 33 percent while its price increased more than two times in comparison to its price in the year ending June 2022.

## COCONUT

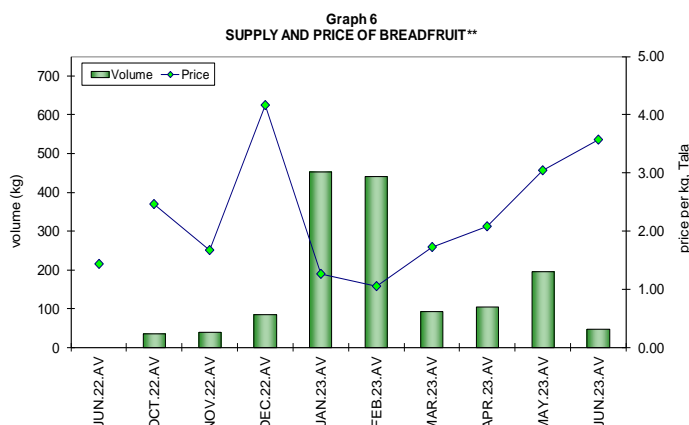
Coconut supply at 4,042 kilograms increased 5 percent from May 2023 while its average price increased by 5 percent (to \$0.85 per kilogram). In comparison to June 2022, current supply of coconut rose 29 percent while its average price fell slightly by 1 percent. (See Graph 5 and Tables 1&2)



In the twelve months ending June 2023, supply of coconut increased 1 percent while its average price rose 8 percent when compared to the twelve months ending June 2022.

## BREADFRUIT

The supply of breadfruit in June 2023 dropped 75 percent (to 48 kilograms) from the previous month. This was still high compared to the limited supply in June 2022. Its average price rose 17 percent (to \$3.57 per kilogram) compared to May 2023. (See Graph 6 and Tables 1&2)

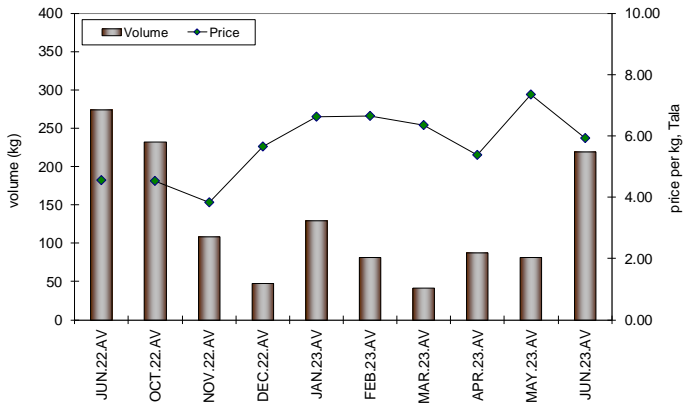


Annually, supply and price of breadfruit increased 8 and 48 percent over the year ended June 2022.

# YAM

In the month under review, yam increased to more than doubled (to 220 kilograms) its supply in the previous month while increased availability led to the decline in prices by 19 percent (to \$5.92 per kilogram). In comparison to June 2022, current supply of yam was 20 percent lower while its average price increased by 30 percent. (See Graph 7 and Tables 1 & 2)

Graph 7  
SUPPLY AND PRICE OF YAM\*\*

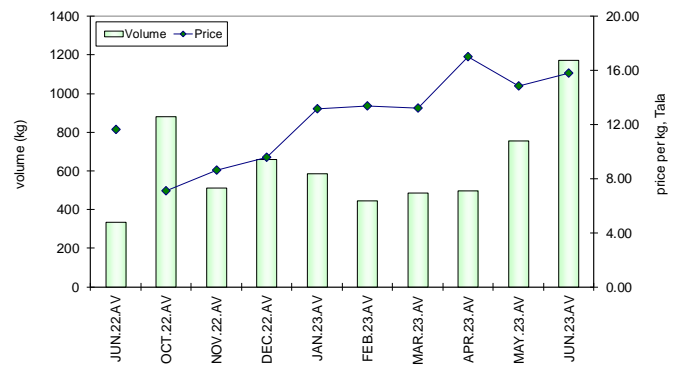


Supply of yam in the twelve months ending June 2023 increased 4 percent in comparison to the twelve months ending June 2022. Its average price rose 31 percent.

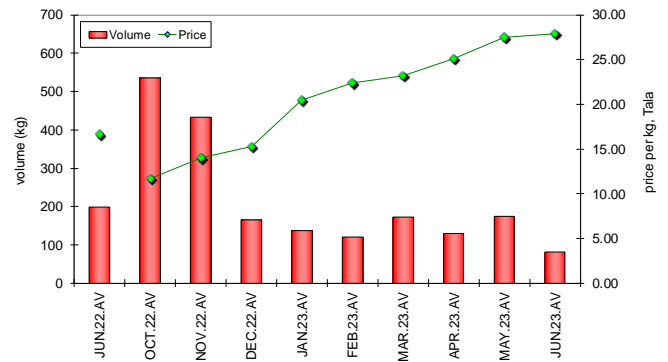
## VEGETABLE PRODUCE

Most of the vegetable produce supplied to the local markets in June 2023 revealed significant reductions with the exception of head cabbage which increased 56 percent (to 1,173 kilograms) from the previous month. Cucumber registered the largest drop of 63 percent (to 570 kilograms), followed by tomato decreasing 53 percent (to 82 kilograms) and Chinese cabbage decreasing 42 percent (to 171 kilograms). Pumpkin supply also dropped 35 percent (to 2,274 kilograms) when compared to the previous month. (See Graphs 8 to 12 and Tables 1 & 2)

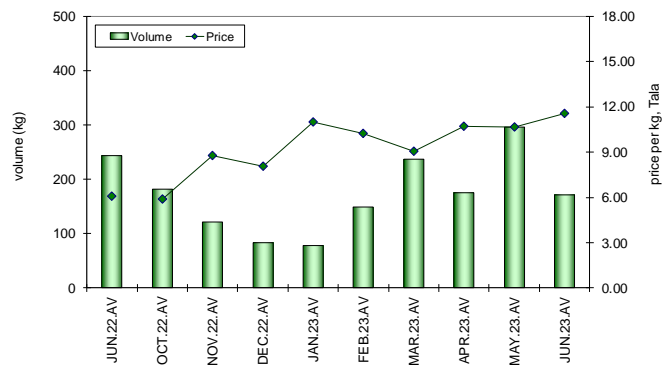
Graph 8  
SUPPLY AND PRICES OF H.CABBAGE\*\*



Graph 9  
SUPPLY AND PRICE OF TOMATOES\*\*

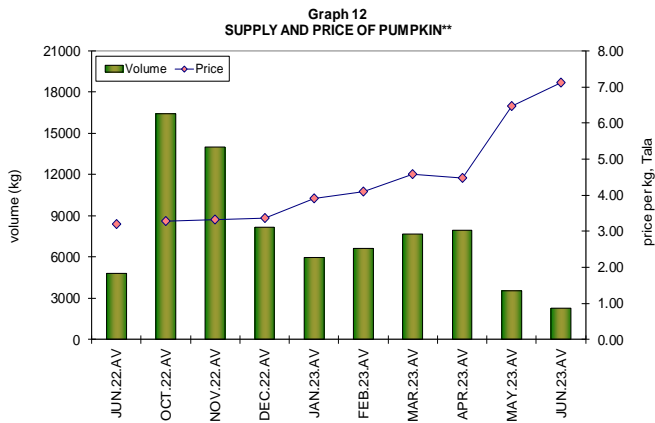


Graph 10  
SUPPLY AND PRICE OF CH.CABBAGE\*\*



Graph 11  
SUPPLY AND PRICE OF CUCUMBER\*\*

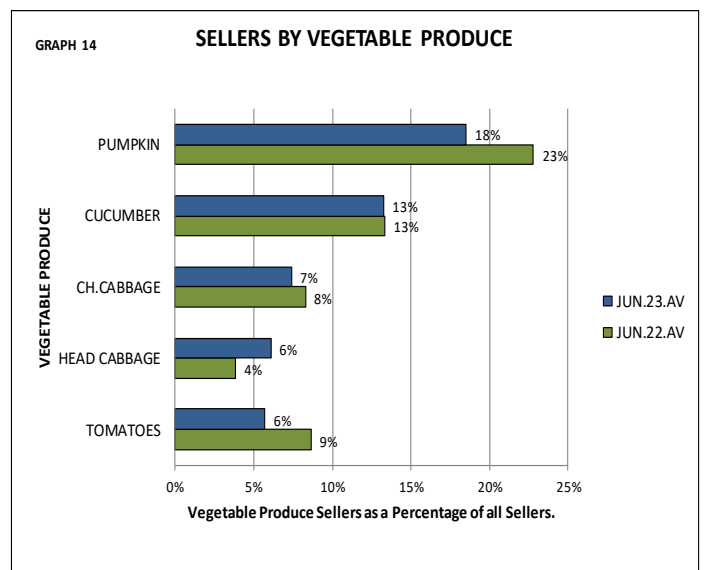
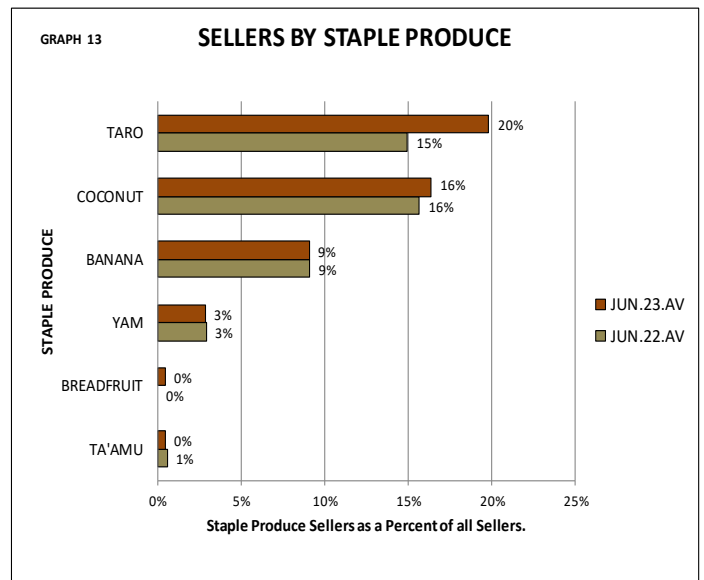




Subsequent to the decline of the majority of vegetable produce available at the local markets in the month under review, average prices for all vegetable produce increased. Pumpkin and Chinese cabbage prices recorded increases of 1 percent (to \$7.12 per kilogram) and 8 percent (to \$11.56 per kilogram) respectively. Head cabbage rose 6 percent (to \$15.79 per kilogram) due to strong domestic demand and cucumber which also increased by 6 percent (to \$8.29 per kilogram) as a result of limited supply. Average price for tomato slightly went up by 1 percent (to \$27.88 per kilogram) when compared to June 2022.

## SELLERS

At 168, the number of sellers at the local markets on the days surveyed in June 2023 fell 11 percent from the previous month and down 22 percent when compared with the number of sellers in the same month a year ago. (See Graphs 13 and 14 and Table 6).



In June 2023, taro sellers at 33 were the largest group at the local markets, remaining unchanged from the previous month but were higher than 32 in the same month last year. Pumpkin sellers followed with a total of 31, it remained unchanged from last month and slightly increased compared to the 30 in the same month a year ago.

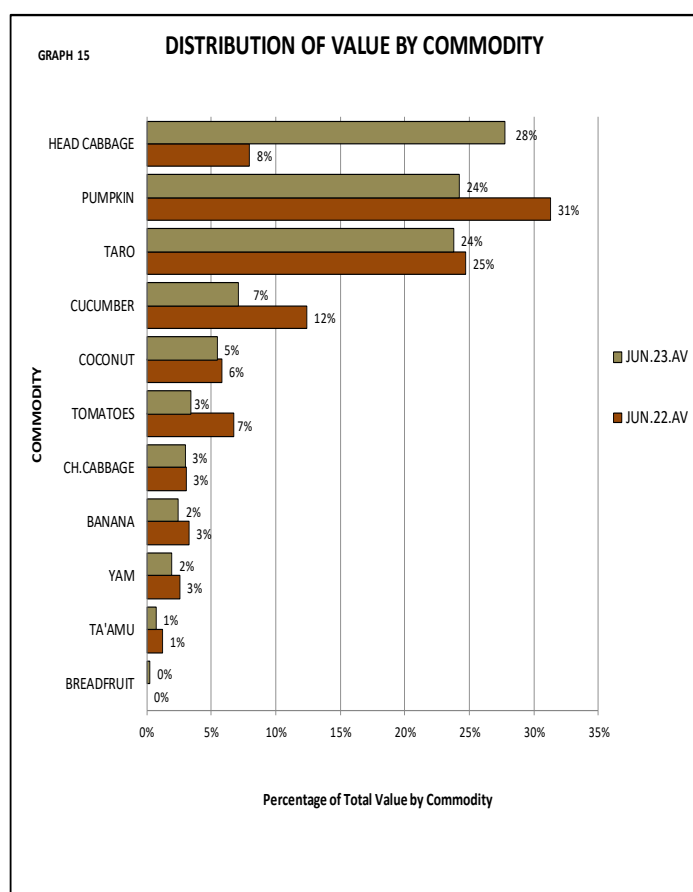
Coconut sellers recorded a total of 27, down from the 30 in the previous month and the 34 in the same month a year ago. The number of cucumber sellers was 22, decreased from the 32 in the previous month and the 29 in the same month a year ago. Banana sellers recorded a total of 15, decreasing from the 21 in the previous month and the 20 in the same month a year ago.

Chinese cabbage at 12, decreased from the 14 and the 18 in the previous month and the same month last year. Sellers of head cabbage and tomato both recorded a total of 10 each with head cabbage sellers increasing from the 9 in the previous month and 8 in the same month last year, while tomato sellers decreased from the 14 in May 2023 and the 19 in June 2022.

Yam sellers at 5, increased from the 2 in the previous month but were lower than the 6 in the same month a year ago while ta'amu and breadfruit had 1 vendor each in June 2023

## VALUE OF SUPPLIES

The average value of selected produce supplied to the local markets in June 2023 stood at \$66,800, decreasing 22 percent from the previous month but went up by 37 percent from June 2022.



Supplies of taro and pumpkin both contributed 24 percent each to total value with taro supplies decreasing from the 28 percent in the previous month and 25 percent in the same month a year ago, while pumpkin shares went down from the 27 percent in May 2023 and 31 percent in June 2022.

Cucumber supplies followed with a 7 percent of total value, decreasing from the 14 percent in the previous month and 12 percent in the same month a year ago. Coconut shares rose to 5 percent from the 4 percent in the previous month but fell 6 percent when compared to the same month a year ago.

Supplies of Chinese cabbage and tomato both contributed 3 percent each to total value, with Chinese cabbage shares decreasing from the 4 percent last month but remained unchanged compared to the same month last year. Tomato also fell from the 6 and 7 percent in May 2023 and June 2022 respectively. Yam and banana both contributed 2 percent each to total value, while ta'amu and breadfruit recorded lower shares in the month under review. (See Graph 15 & Table 3)

Head cabbage supplies contributed the most to the total value of produce supplied to the markets with a share of 28 percent in June 2023; a level that was higher than the 13 percent in the previous month and the 8 percent in the same month a year ago.

### **Technical Notes**

The Local Market Survey measures the price and volume of selected agricultural produce from the Local Markets at **Fugalei, Taufusi, Vaitele, Lotopa, Ululoloa, Afega, Saleimoa, Savaia, Vaoala, Faatoia 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.*

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**The Local Market Survey Report for July 2023 will be available on 21<sup>st</sup> August 2023.**

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## SUMMARY OF MARKET SURVEY

**Table 1: Quantity Supplied (in kilograms)**

PRODUCE	2014 AVE	JUN.22.AV	OCT.22.AV	NOV.22.AV	DEC.22.AV	JAN.23.AV	FEB.23.AV	MAR.23.AV	APR.23.AV	MAY.23.AV	JUN.23.AV	Jun-23	
												% chng from prev mnth	%chng from JUN22
TARO	7521	3030	8082	6784	3069	8268	4286	3942	4639	5658	3345	-41	10
BANANA	2642	1445	1696	1879	1721	2235	2865	1297	1407	1311	813	-38	-44
TA'AMU	816	70	218	7	24	18	13	17	6	44	20	-54	-71
COCONUT	7983	3133	4634	4079	3258	7747	4090	3796	3540	3845	4042	5	29
BREADFRUIT	186	0	35	40	85	453	440	92	105	195	48	-75	0
YAM	129	275	232	108	47	129	81	41	88	81	220	171	-20
HEAD CABBAGE	811	335	882	511	661	584	443	487	498	753	1173	56	250
TOMATOES	256	198	535	433	166	138	121	173	130	174	82	-53	-59
CH.CABBAGE	129	243	182	121	84	78	149	237	175	296	171	-42	-30
CUCUMBER	542	1153	1395	821	1202	832	1063	830	870	1535	570	-63	-51
PUMPKIN	6217	4789	16411	13983	8143	5941	6626	7660	7932	3523	2274	-35	-53

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

PRODUCE	2014 AVE	JUN.22.AV	OCT.22.AV	NOV.22.AV	DEC.22.AV	JAN.23.AV	FEB.23.AV	MAR.23.AV	APR.23.AV	MAY.23.AV	JUN.23.AV	% chng from	
												prev mnth	JUN22
TARO	1.48	3.99	3.78	3.53	3.73	3.74	4.15	3.97	4.04	4.20	4.75	13	19
BANANA	0.76	1.43	1.75	1.57	1.42	1.50	1.31	1.40	1.61	1.93	2.02	5	41
TA'AMU	2.78	8.69	8.35	7.51	11.05	22.60	5.04	16.51	20.11	13.44	22.83	70	163
COCONUT	0.62	0.90	0.94	0.90	1.02	0.88	0.90	0.79	0.88	0.85	0.90	5	-1
BREADFRUIT	0.94	1.44	2.46	1.67	4.17	1.27	1.06	1.72	2.07	3.04	3.57	17	148
YAM	3.16	4.56	4.52	3.84	5.66	6.64	6.65	6.34	5.37	7.35	5.92	-19	30
HEAD CABBAGE	5.40	11.64	7.08	8.64	9.58	13.16	13.36	13.23	17.02	14.83	15.79	6	36
TOMATOES	9.55	16.64	11.72	14.06	15.31	20.49	22.41	23.21	25.08	27.54	27.88	1	68
CH.CABBAGE	4.38	6.09	5.90	8.75	8.05	10.98	10.22	9.06	10.69	10.66	11.56	8	90
CUCUMBER	2.99	5.28	5.22	5.67	5.77	6.38	6.77	6.70	7.09	7.85	8.29	6	57
PUMPKIN	2.61	3.20	3.28	3.32	3.37	3.91	4.11	4.59	4.47	6.47	7.12	10	123

**Table 3: Value of Supplies (in Tala thousands)**

PRODUCE	Total value 2014	JUN.22.AV	OCT.22.AV	NOV.22.AV	DEC.22.AV	JAN.23.AV	FEB.23.AV	MAR.23.AV	APR.23.AV	MAY.23.AV	JUN.23.AV	% chng from	
												prev mnth	JUN22
TARO	126.6	12.1	30.5	24.0	11.5	31.0	17.8	15.7	18.8	23.8	15.9	-33	32
BANANA	25.1	2.1	3.0	3.0	2.5	3.4	3.7	1.8	2.3	2.5	1.6	-35	-21
TA'AMU	25.6	0.6	1.8	0.1	0.3	0.4	0.1	0.3	0.1	0.6	0.5	-20	-22
COCONUT	59.3	2.8	4.4	3.7	3.3	6.9	3.7	3.0	3.1	3.3	3.6	11	28
BREADFRUIT	1.8	0.0	0.1	0.1	0.4	0.6	0.5	0.2	0.2	0.6	0.2	-71	0
YAM	4.7	1.3	1.1	0.4	0.3	0.9	0.5	0.3	0.5	0.6	1.3	117	4
HEAD CABBAGE	44.6	3.9	6.2	4.4	6.3	7.7	5.9	6.4	8.5	11.2	18.5	66	375
TOMATOES	21.5	3.3	6.3	6.1	2.5	2.8	2.7	4.0	3.3	4.8	2.3	-53	-31
CH.CABBAGE	5.9	1.5	1.1	1.1	0.7	0.9	1.5	2.2	1.9	3.2	2.0	-37	34
CUCUMBER	18.4	6.1	7.3	4.7	6.9	5.3	7.2	5.6	6.2	12.1	4.7	-61	-22
PUMPKIN	178.3	15.3	53.9	46.4	27.4	23.2	27.2	35.1	35.5	22.8	16.2	-29	6
	511.8	48.9	115.5	93.7	62.0	82.9	70.8	74.5	80.2	85.3	66.8	-22	37

\*on the days surveyed  
@ new weights and base

**Table 4: Volume Index (2014 = 100)**

PRODUCE	2014 Weights	JUN.22.AV	OCT.22.AV	NOV.22.AV	DEC.22.AV	JAN.23.AV	FEB.23.AV	MAR.23.AV	APR.23.AV	MAY.23.AV	JUN.23.AV	% chng from prev mnth	%chng from JUN 22
TARO	0.25	40	107	90	41	110	57	52	62	75	44	-41	10
BANANA	0.05	55	64	71	65	85	108	49	53	50	31	-38	-44
TA'AMU	0.05	9	27	1	3	2	2	2	1	5	3	-54	-71
COCONUT	0.12	39	58	51	41	97	51	48	44	48	51	5	29
BREADFRUIT	0.004	0	19	22	46	244	237	49	56	105	26	-75	0
YAM	0.01	213	180	84	37	100	63	32	68	63	170	171	-20
HEAD CABBAGE	0.09	41	109	63	82	72	55	60	61	93	145	56	250
TOMATOES	0.04	77	209	169	65	54	47	67	51	68	32	-53	-59
CH.CABBAGE	0.01	188	141	94	65	61	116	184	136	230	133	-42	-30
CUCUMBER	0.04	213	257	151	222	153	196	153	160	283	105	-63	-51
PUMPKIN	0.35	77	264	225	131	96	107	123	128	57	37	-35	-53
	1.00	63	161	130	83	93	79	80	83	71	52	-27	-17

**Table 5: Price Index (2014 = 100)**

PRODUCE	2014 Weights	JUN.22.AV	OCT.22.AV	NOV.22.AV	DEC.22.AV	JAN.23.AV	FEB.23.AV	MAR.23.AV	APR.23.AV	MAY.23.AV	JUN.23.AV	% chng from prev mnth	%chng from JUN 22
TARO	0.25	270	255	239	252	253	280	268	273	284	321	13	19
BANANA	0.05	188	230	207	187	198	172	185	212	254	266	5	41
TA'AMU	0.05	313	301	270	398	813	181	594	723	484	821	70	163
COCONUT	0.12	146	152	145	164	143	145	128	141	137	145	5	-1
BREADFRUIT	0.004	153	262	177	443	135	112	183	221	324	379	17	148
YAM	0.01	144	143	121	179	210	210	201	170	233	187	-19	30
HEAD CABBAGE	0.09	215	131	160	177	244	247	245	315	275	292	6	36
TOMATOES	0.04	174	123	147	160	215	235	243	263	288	292	1	68
CH.CABBAGE	0.01	139	135	200	184	251	233	207	244	243	264	8	90
CUCUMBER	0.04	177	175	190	193	213	226	224	237	263	277	6	57
PUMPKIN	0.35	123	126	127	129	150	157	176	171	248	273	10	123
	1.00	120	114	116	128	162	134	159	175	190	220	15	83

**Table 6: Number of Sellers**

PRODUCE	2014 AVE	JUN.22.AV	OCT.22.AV	NOV.22.AV	DEC.22.AV	JAN.23.AV	FEB.23.AV	MAR.23.AV	APR.23.AV	MAY.23.AV	JUN.23.AV	% chng from prev mnth	%chng from JUN 22
TARO	46	32	50	49	32	45	41	37	34	33	33	0	4
BANANA	27	20	24	29	22	32	37	20	18	21	15	-27	-22
TA'AMU	7	1	1	1	1	1	0	1	1	1	1	-36	-36
COCONUT	57	34	38	33	26	42	37	34	30	30	27	-8	-18
BREADFRUIT	4	0	1	2	1	9	7	2	1	2	1	-60	0
YAM	5	6	5	2	1	3	3	1	2	2	5	113	-23
HEAD CABBAGE	12	8	17	11	13	18	10	8	9	9.8	10.2	5	24
TOMATOES	39	19	53	54	22	15	16	17	13	14	10	-31	-48
CH.CABBAGE	13	18	15	7	11	8	12	14	12	14	12	-8	-30
CUCUMBER	42	29	34	27	36	22	28	24	25	32	22	-30	-22
PUMPKIN	83	49	88	76	70	66	54	54	56	31	31	0	-36
	337	214	324	291	234	262	245	212	198	189	168	-11	-22

\*on the days surveyed

@ new weights and base