

## STATISTICAL UPDATE: PORT VILA CENTRAL MARKET SURVEY

### SEPTEMBER 2022

Release Date: 14<sup>th</sup> April 2023

The Port Vila Central Market Survey summarises selected agricultural produces sold at the main wet market based on the Supply and Price of commodities. Data is collected on a fortnightly basis, analysed and published as quarterly average and by commodity groups.

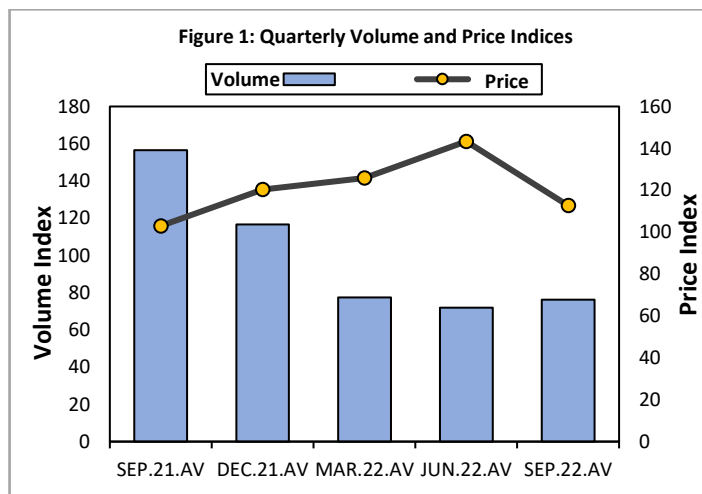
#### Summary of Findings:

The Port Vila Market Survey of September quarter of 2022 showed an overall Volume increase of 6 percent on the supply of commodities while the overall price decreased by -12 percent compared to the previous quarter.

- ◆ Increase in the volume of staple produce supplied to the market contributed to the increase in overall volume index compared to previous quarter.
- ◆ The value of commodities decreased by -12 percent at VT939,120.
- ◆ An average of 181 sellers was recorded for the quarter under review.

#### OVERVIEW

The Port Vila Market Survey in September quarter of 2022 showed an overall volume increase of 6 percent compared to the previous quarter. Staple produces contributed to the increase in overall volume. (Refer to table 1 & 4).



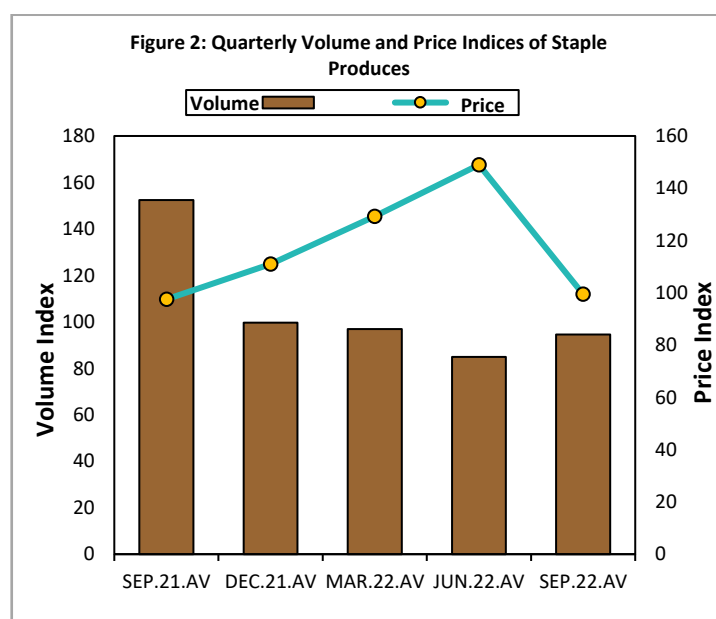
The overall price decreased by -12 percent compared to the previous quarter. Staple produces contributed to the decrease in the overall price. (Refer to table 2 & 5).

#### STAPLE FOOD PRODUCES

The supply of Staple food produces increased by 11 percent when compared to the previous quarter, while the average price decreased by -33 percent in the same

quarter. Commodities that contributed to the increase in volume were Manioc at 68 percent, sweet Kumala (Potato) at 61 percent, Fiji Taro at 53 percent, Yam at 47 percent and Island Taro at 43 percent.

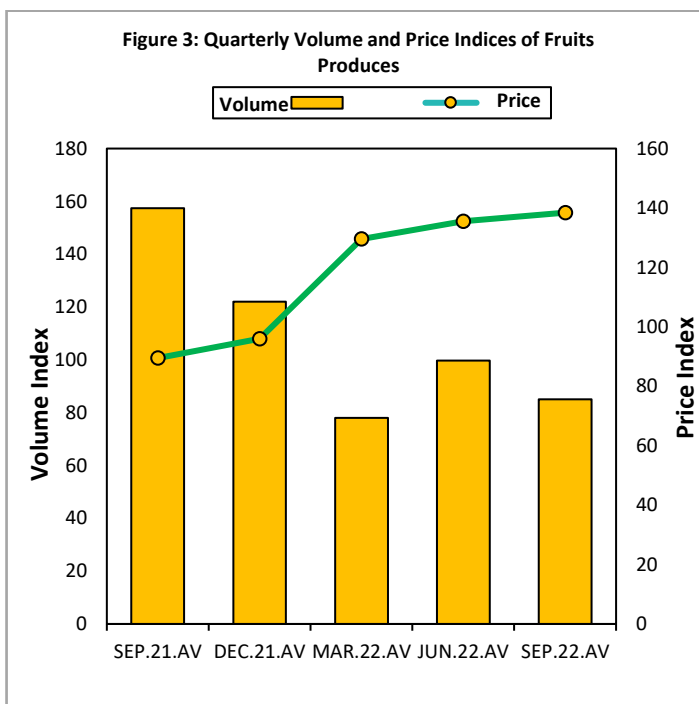
When compared to the same quarter of the previous year, the volume of Staple food decreased by -38 percent, while its price increased by 2 percent. (Refer to table 1 & 2).



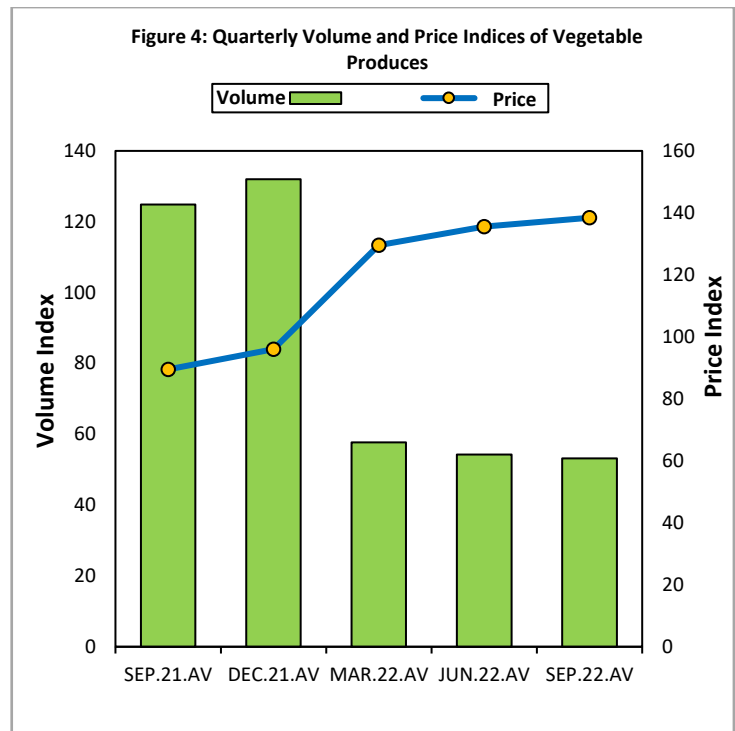
**FRUIT PRODUCE**

An overview of Fruits supplied to Port Vila Central Market in the third quarter of 2022 showed an overall decrease of -15 percent compared to the previous quarter. Fruits that contributed to the decrease in volume were, Pawpaw at -60 percent, Green Coconut at -20 percent, however there were no watermelon sold at the market during the third quarter. The average price per kilograms of fruits produced increased by 2 percent in the quarter under review.

When compared to the same quarter of the previous year, the quantity supplied of fruits to the Central Market decreased by -46 percent and the average price per kilograms increased by 55 percent. (Refer to table 1 & 2).



by -57 percent while the average weighted price of vegetables increased by 49 percent or VT90. (Refer to table 1 & 2).



**SELLERS PER COMMODITY GROUPS**

September quarter of 2022 recorded a total of 181 sellers<sup>1</sup> at the Port Vila Central Market which is an increase of 73 vendors compared to previous quarter and a decrease of 151 sellers compared to the same quarter of last year.

When compared to the previous quarter, vegetable produce vendors increased by 42 vendors, staple food vendors increased by 21 vendors and Fruits vendors increased by 10 vendors in the quarter under review.

When compared to September quarter of 2021, Staple food vendors decreased by 46 vendors, Fruit supply vendors decreased by 41 vendors and Vegetable vendors decreased by 63 vendors. (Refer to table 6).

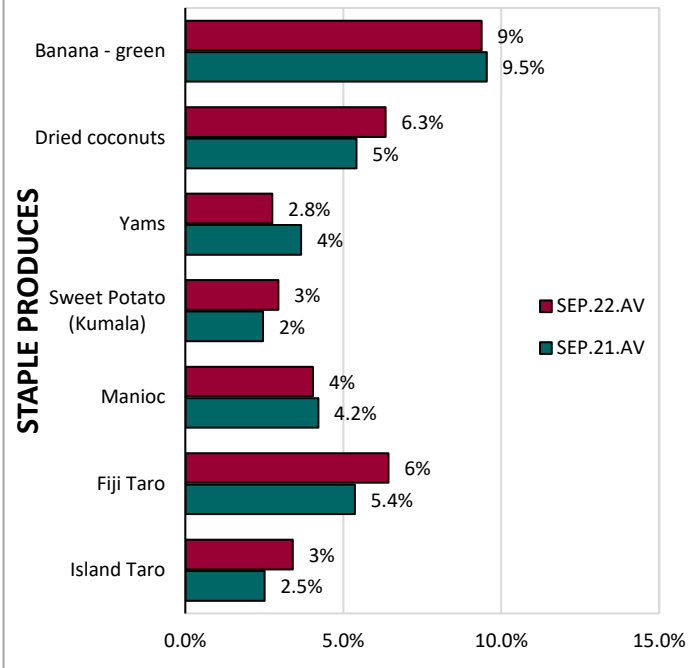
**VEGETABLE PRODUCE**

The supply of Vegetables to the Port Vila Central Market in September quarter of 2022 recorded an overall decrease of -2 percent and the average price per kilograms increased by 5 percent compared to previous quarter. Vegetables that contribute to the decrease in vegetable supplies includes, Bowl cabbage Purple at -69 percent, Bowl cabbage white at -62 percent, Cucumber at -41 percent, tomato at -23 percent and carrot at -18 percent.

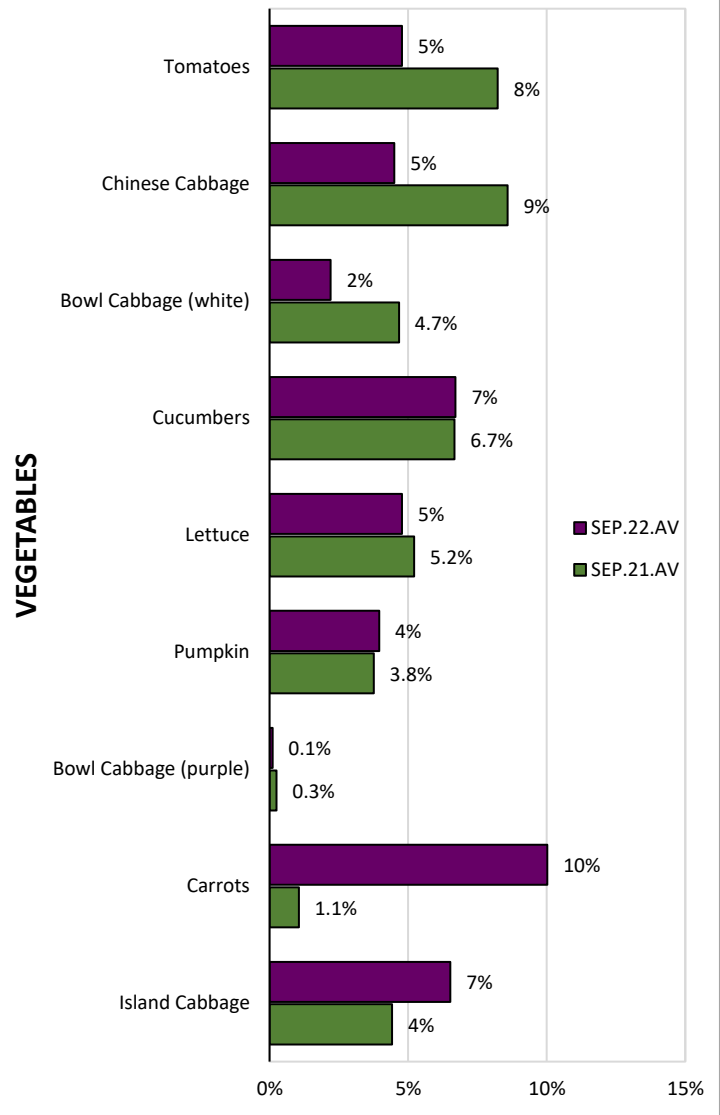
When compared to the same quarter of the previous year, the supply of vegetables supplied to the market decreased

<sup>1</sup> This is the total number of sellers at the market. However, one seller can sell more than 1 type of produce hence the analysis by sellers per produce.

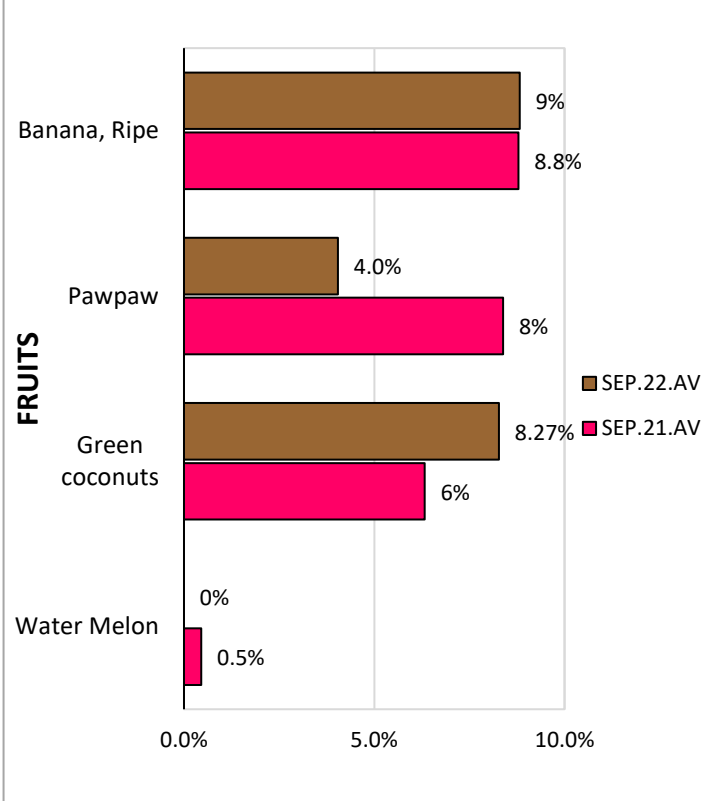
**Figure 5: Percentage share of Sellers by Staple Produce**



**Figure 7: Percentage share of Sellers by Vegetables**



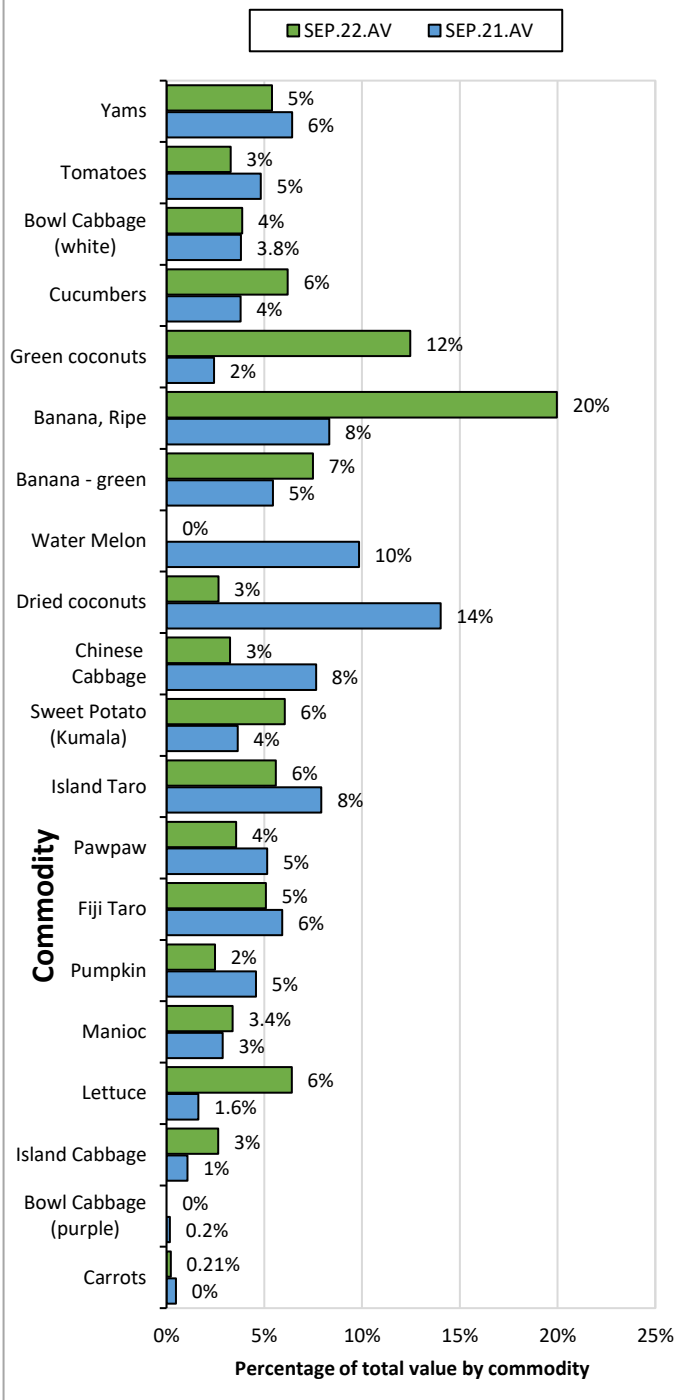
**Figure 6: Percentage share of Sellers by Fruits**



**VALUE OF SUPPLIES**

The average value of commodities at the Port Vila Central Market in the quarter under review recorded a value of VT939,120. This is a decrease of -12 percent compared to the previous quarter and a decrease of -26 percent in the same quarter of the previous year. (Refer to table 3)

Figure 8: Share of Value by Produces



Fruits and Staple Food registered the largest share in value at 36 percent each. Staple produce decreased by VT99,000 over the previous quarter and a decrease of VT250,000 compared to the same quarter of the previous year. Fruits produce decreased by VT105,000 over the previous quarter an increased by VT13,000 over the same quarter of the previous year. Vegetables produce share 28 percent in value. This is an increase by VT74,000 over the

previous quarter and a decrease by VT88,000 when compared to the same quarter of previous year.

**CONCEPTS AND DEFINITIONS**

The Port Vila Market Survey was instigated to measure the price and volume of specific agricultural produces in the main market. The survey is conducted on a fortnightly basis.

The data analysed in this report shows quarterly average supply and prices of the commodities under study. Weights are based on 2016 using HIES 2010 and Agriculture Census 2007 and were used henceforth.

**NEXT UPDATE (QUARTERLY)      RELEASE DATE**

Quarter 4 2022

April 21<sup>st</sup>, 2023

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QUARTERLY AVERAGE

Table 1: Quantity Supplied (in kilograms)

PRODUCE	2016.AVE	SEP.21.AV	DEC.21.AV	MAR.22.AV	JUN.22.AV	SEP.22.AV	Sep-22	
							% chng from prev qtr	% chng from SEP21
<b>STAPLE PRODUCE</b>	<b>467</b>	<b>712</b>	<b>465</b>	<b>452</b>	<b>396</b>	<b>441</b>	<b>11</b>	<b>-38</b>
Fiji Taro	74	714	292	211	317	484	53	-32
Island Taro	550	614	188	167	214	305	43	-50
Manioc	534	765	260	309	252	424	68	-45
Sweet Potato (Kumala)	954	467	476	473	334	537	61	15
Yam	250	674	166	117	157	230	47	-66
Banana - green	255	948	962	1083	835	543	-35	-43
Dried coconut	650	800	912	807	666	567	-15	-29
<b>FRUITS</b>	<b>440</b>	<b>693</b>	<b>537</b>	<b>343</b>	<b>439</b>	<b>374</b>	<b>-15</b>	<b>-46</b>
Banana, Ripe	435	855	1124	555	913	967	6	13
Pawpaw	568	455	313	253	364	147	-60	-68
Water Melon	448	1135	152	294	0	0	0	-100
Green coconut	309	325	559	271	478	383	-20	18
<b>VEGETABLE PRODUCE</b>	<b>198</b>	<b>248</b>	<b>262</b>	<b>114</b>	<b>108</b>	<b>105</b>	<b>-2</b>	<b>-57</b>
Bowl Cabbage (white)	309	398	944	328	252	95	-62	-76
Bowl Cabbage (purple)	53	8	21	27	18	5	-69	-31
Carrot	78	27	29	16	10	9	-18	-69
Chinese Cabbage	543	509	121	31	133	179	35	-65
Cucumber	343	511	515	378	292	171	-41	-67
Pumpkin	45	351	275	84	98	181	85	-48
Island Cabbage	171	92	120	44	68	141	107	53
Lettuce	45	120	47	23	13	101	658	-16
Tomato	198	213	284	99	85	66	-23	-69

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

PRODUCE	2016.AVE	SEP.21.AV	DEC.21.AV	MAR.22.AV	JUN.22.AV	SEP.22.AV	Sep-22	
							% chng from prev qtr	% chng from SEP21
<b>STAPLE PRODUCE</b>	<b>121.41</b>	<b>118</b>	<b>135</b>	<b>157</b>	<b>181</b>	<b>121</b>	<b>-33</b>	<b>2</b>
Fiji Taro	137.18	105	111	125	130	99	-24	-6
Island Taro	185.86	163	159	210	236	172	-27	5
Manioc	55.14	48	54	53	80	75	-6	57
Sweet Potato (Kumala)	73.13	98	95	92	155	106	-32	8
Yam	224.09	121	179	386	378	221	-42	83
Banana - green	118.47	73	64	85	117	130	11	79
Dried coconut	56	222	283	149	171	44	-74	-80
<b>FRUITS</b>	<b>131.34</b>	<b>118</b>	<b>126</b>	<b>170</b>	<b>178</b>	<b>182</b>	<b>2</b>	<b>55</b>
Banana, Ripe	128.86	123	131	209	297	194	-35	58
Pawpaw	78.85	143	233	159	231	228	-2	59
Water Melon	184.57	110	0	205	0	0	0	-100
Green coconut	133.09	94	140	108	184	306	66	224
<b>VEGETABLE PRODUCE</b>	<b>236.06</b>	<b>187</b>	<b>201</b>	<b>226</b>	<b>265</b>	<b>277</b>	<b>5</b>	<b>49</b>
Bowl Cabbage (white)	218.28	121	140	231	0	382	0	216
Bowl Cabbage (purple)	209.97	281	420	122	191	0	-100	-100
Carrot	164.8	223	23	20	33	235	617	5
Chinese Cabbage	133.48	190	357	155	195	170	-13	-10
Cucumber	200.67	94	118	183	229	340	49	263
Pumpkin	145.18	165	260	145	183	128	-30	-22
Island Cabbage	218.16	147	110	128	191	176	-8	19
Lettuce	521.8	172	174	432	707	594	-16	245
Tomato	312.23	286	206	619	656	469	-28	64

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

PRODUCE	Total Value 2016	SEP.21.AV	DEC.21.AV	MAR.22.AV	JUN.22.AV	SEP.22.AV	% chng from prev qtr	% chng from SEP21
<b>STAPLE PRODUCE</b>	<b>1352.9</b>	<b>584</b>	<b>471</b>	<b>378</b>	<b>434</b>	<b>335</b>	<b>-23</b>	<b>-43</b>
Fiji Taro	38.6	75	32	27	41	48	16	-36
Island Taro	422.4	100	30	35	50	53	4	-48
Manioc	113.8	36	14	16	20	32	58	-13
Sweet Potato (Kumala)	281.1	46	45	43	52	57	10	24
Yam	216	81	30	45	59	51	-14	-38
Banana - green	130.3	69	61	92	97	70	-28	2
Dried coconut	150.8	177	258	120	114	25	-78	-86
<b>FRUITS</b>	<b>946.1</b>	<b>325</b>	<b>298</b>	<b>246</b>	<b>443</b>	<b>338</b>	<b>-24</b>	<b>4</b>
Banana, Ripe	256.3	105	147	116	271	188	-31	78
Pawpaw	206	65	73	40	84	33	-60	-49
Water Melon	315.7	125	0	60	0	0	0	-100
Green coconut	168.2	31	78	29	88	117	33	282
<b>VEGETABLE PRODUCE</b>	<b>1421.3</b>	<b>354</b>	<b>397</b>	<b>242</b>	<b>193</b>	<b>266</b>	<b>38</b>	<b>-25</b>
Bowl Cabbage (white)	184.1	48	132	76	0	36	0	-24
Bowl Cabbage (purple)	61.4	2	9	3	3	0	-100	-100
Carrot	65.8	6	1	0	0	2	491	-67
Chinese Cabbage	309.5	97	43	5	26	31	18	-68
Cucumber	269.5	48	61	69	67	58	-13	22
Pumpkin	27.5	58	71	12	18	23	30	-60
Island Cabbage	166.4	14	13	6	13	25	91	83
Lettuce	95.3	21	8	10	9	60	537	191
Tomato	241.9	61	58	61	56	31	-45	-50
	3720.4	1264	1166	866	1070	939	-12	-26

\*on the days surveyed

**Table 4: Volume Index (2016 = 100)**

PRODUCE	2016 Weights	SEP.21.AV	DEC.21.AV	MAR.22.AV	JUN.22.AV	SEP.22.AV	% chng from prev qtr	% chng from SEP21
<b>STAPLE PRODUCE</b>	<b>0.36</b>	<b>152</b>	<b>100</b>	<b>97</b>	<b>85</b>	<b>95</b>	<b>11</b>	<b>-38</b>
Fiji Taro	0.01	961	394	284	426	652	53	-32
Island Taro	0.11	112	34	30	39	55	43	-50
Manioc	0.03	143	49	58	47	79	68	-45
Sweet Potato (Kumala)	0.08	49	50	50	35	56	61	15
Yam	0.06	269	66	47	63	92	47	-66
Banana - green	0.04	372	377	425	328	213	-35	-43
Dried coconut	0.04	123	140	124	102	87	-15	-29
<b>FRUITS</b>	<b>0.25</b>	<b>157</b>	<b>122</b>	<b>78</b>	<b>100</b>	<b>85</b>	<b>-15</b>	<b>-46</b>
Banana, Ripe	0.07	197	259	128	140	149	6	-24
Pawpaw	0.06	80	55	45	83	33	-60	-58
Water Melon	0.08	254	34	66	0	0	0	-100
Green coconut	0.05	105	180	88	84	67	-20	-36
<b>VEGETABLE PRODUCE</b>	<b>0.38</b>	<b>125</b>	<b>132</b>	<b>58</b>	<b>54</b>	<b>53</b>	<b>-2</b>	<b>-57</b>
Bowl Cabbage (white)	0.05	129	305	106	44	17	-62	-87
Bowl Cabbage (purple)	0.02	15	39	51	4	1	-69	-92
Carrot	0.02	35	38	21	3	3	-18	-92
Chinese Cabbage	0.08	94	22	6	67	90	35	-4
Cucumber	0.07	149	150	110	94	55	-41	-63
Pumpkin	0.01	780	610	186	184	340	85	-56
Island Cabbage	0.04	54	70	26	87	181	107	235
Lettuce	0.03	269	105	52	2	19	658	-93
Tomato	0.07	108	143	50	25	19	-23	-82
	1	157	117	77	72	76	6	-51

**Table 5: Price Index (2016 = 100)**

PRODUCE	2016 Weights	SEP.21.AV	DEC.21.AV	MAR.22.AV	JUN.22.AV	SEP.22.AV	% chng from prev qtr	% chng from SEP21
<b>STAPLE PRODUCE</b>	<b>0.36</b>	<b>97</b>	<b>111</b>	<b>129</b>	<b>149</b>	<b>99</b>	<b>-33</b>	<b>2</b>
Fiji Taro	0.01	76	81	91	95	72	-24	-6
Island Taro	0.11	88	85	113	127	93	-27	5
Manioc	0.03	86	98	96	145	136	-6	57
Sweet Potato (Kumala)	0.08	135	129	125	211	145	-32	8
Yam	0.06	54	80	172	169	99	-42	83
Banana - green	0.04	61	54	71	99	109	11	79
Dried coconut	0.04	396	506	265	306	79	-74	-80
<b>FRUITS</b>	<b>0.25</b>	<b>89</b>	<b>96</b>	<b>130</b>	<b>136</b>	<b>138</b>	<b>2</b>	<b>55</b>
Banana, Ripe	0.07	95	101	162	231	150	-35	58
Pawpaw	0.06	181	296	201	293	289	-2	59
Water Melon	0.08	59	0	111	0	0	0	-100
Green coconut	0.05	71	105	81	138	230	66	224
<b>VEGETABLE PRODUCE</b>	<b>0.38</b>	<b>79</b>	<b>85</b>	<b>96</b>	<b>112</b>	<b>117</b>	<b>5</b>	<b>49</b>
Bowl Cabbage (white)	0.05	55	64	106	0	175	0	216
Bowl Cabbage (purple)	0.02	134	200	58	91	0	-100	-100
Carrot	0.02	135	14	12	20	143	617	5
Chinese Cabbage	0.08	142	267	116	146	128	-13	-10
Cucumber	0.07	47	59	91	114	170	49	263
Pumpkin	0.01	114	179	100	126	88	-30	-22
Island Cabbage	0.04	68	51	59	88	81	-8	19
Lettuce	0.03	33	33	83	135	114	-16	245
Tomato	0.07	92	66	198	210	150	-28	64
	1	103	120	126	144	127	-12	23

**Table 6: Number of Sellers**

PRODUCE	2016 AVE	SEP.21.AV	DEC.21.AV	MAR.22.AV	JUN.22.AV	SEP.22.AV	% chng from prev qtr	% chng from SEP21
<b>STAPLE PRODUCE</b>	<b>46</b>	<b>110</b>	<b>97</b>	<b>32</b>	<b>43</b>	<b>64</b>	<b>49</b>	<b>-42</b>
Fiji Taro	3	18	11	2	6	12	89	-35
Island Taro	3	8	5	2	4	6	61	-26
Manioc	8	14	9	3	6	7	29	-48
Sweet Potato (Kumala)	11	8	10	3	3	5	113	-35
Yam	4	12	8	2	4	5	43	-59
Banana - green	9	32	38	14	12	17	40	-46
Dried coconut	10	18	16	6	9	12	25	-36
<b>FRUITS</b>	<b>35</b>	<b>80</b>	<b>98</b>	<b>42</b>	<b>28</b>	<b>38</b>	<b>36</b>	<b>-52</b>
Banana, Ripe	15	29	38	23	10	16	55	-45
Pawpaw	14	28	34	9	5	7	52	-74
Water Melon	1	2	0	2	0	0	0	-100
Green coconut	5	21	26	9	13	15	15	-29
<b>VEGETABLE PRODUCE</b>	<b>57</b>	<b>142</b>	<b>166</b>	<b>15</b>	<b>37</b>	<b>79</b>	<b>113</b>	<b>-44</b>
Bowl Cabbage (white)	4	16	18	1	0	4	0	-74
Bowl Cabbage (purple)	2	1	1	0	0	0	-40	-76
Carrot	1	4	5	1	0	18	0	419
Chinese Cabbage	16	29	22	0	9	8	-11	-71
Cucumber	10	22	20	3	8	12	62	-45
Pumpkin	2	13	18	1	3	7	169	-43
Island Cabbage	11	15	23	3	14	12	-12	-19
Lettuce	4	17	15	5	0	9	0	-50
Tomato	7	27	43	2	4	9	117	-68
	138	332	362	89	108	181	67	-45