



SAGIS

The Maize Forum

22 October 2021

**Bernard Schultz
Head Information**



White Maize



White Maize: Supply & Demand

(National vs. International) (Marketing season)



White Maize	SAGIS	NAMC (S&DEC)	International (USDA)	
	May - Apr		Sep - Aug	
	Final 2020/21	Projection 2021/22	Estimate 2020/21	Projection 2021/22
	'000t	'000t	Mt	Mt
Opening stocks	474.0	1 355.0		
Producer Deliveries	8 606.3	8 368.8		
Imports	0.0	7.0	Not available	Not available
Total use (Local)	6 426.7 ^(a)	6 984.0 ^(a)		
Exports	1 304.5	720.0		
Closing stocks	1 355.0 ^(b)	1 889.7 ^(b)		

(a) Including producer withdrawals and end-users

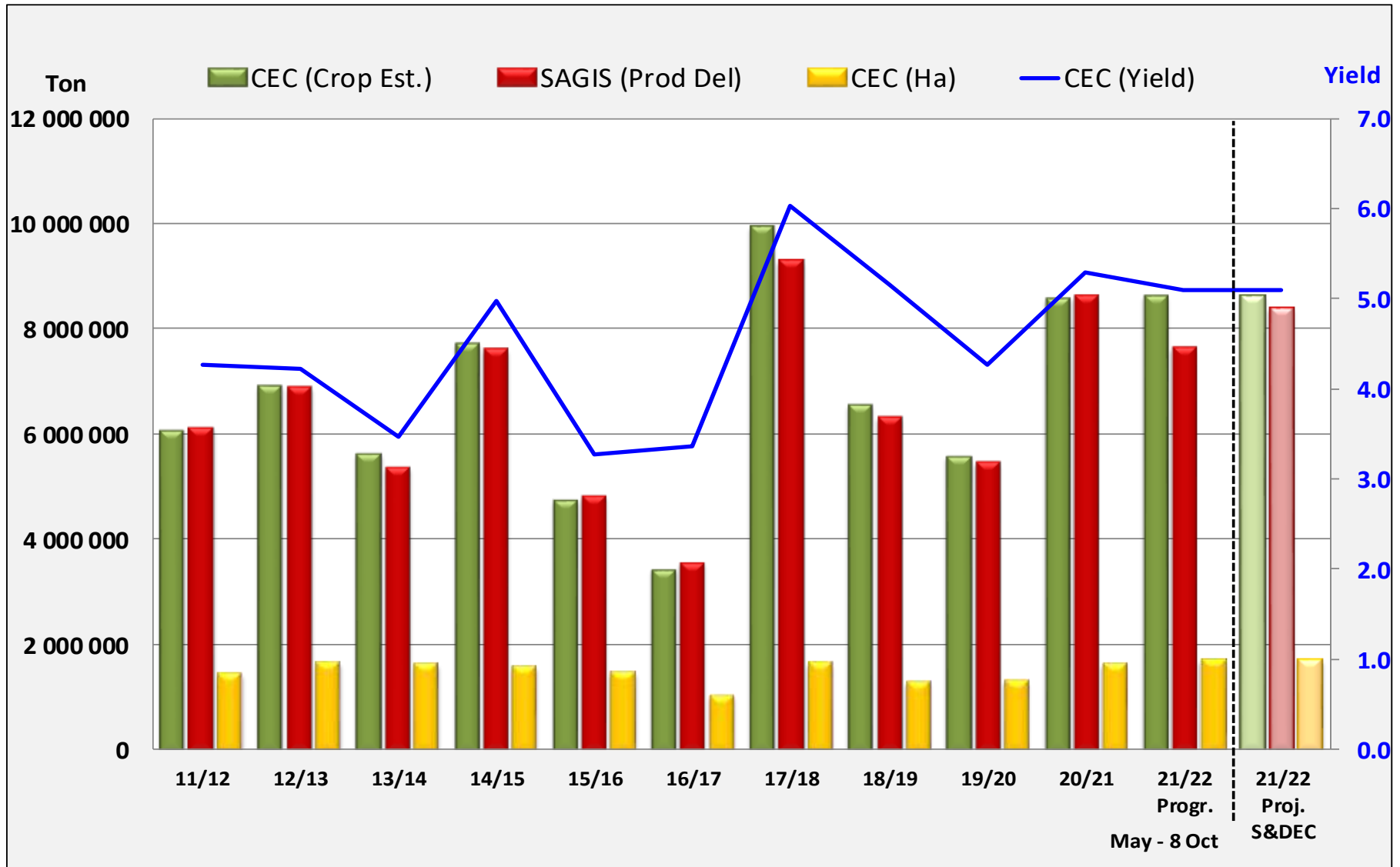
(b) All stocks, regardless of ownership thereof, in commercial structures

Sources: SAGIS, NAMC: S&DEC, USDA

White Maize: Production & Producer Deliveries

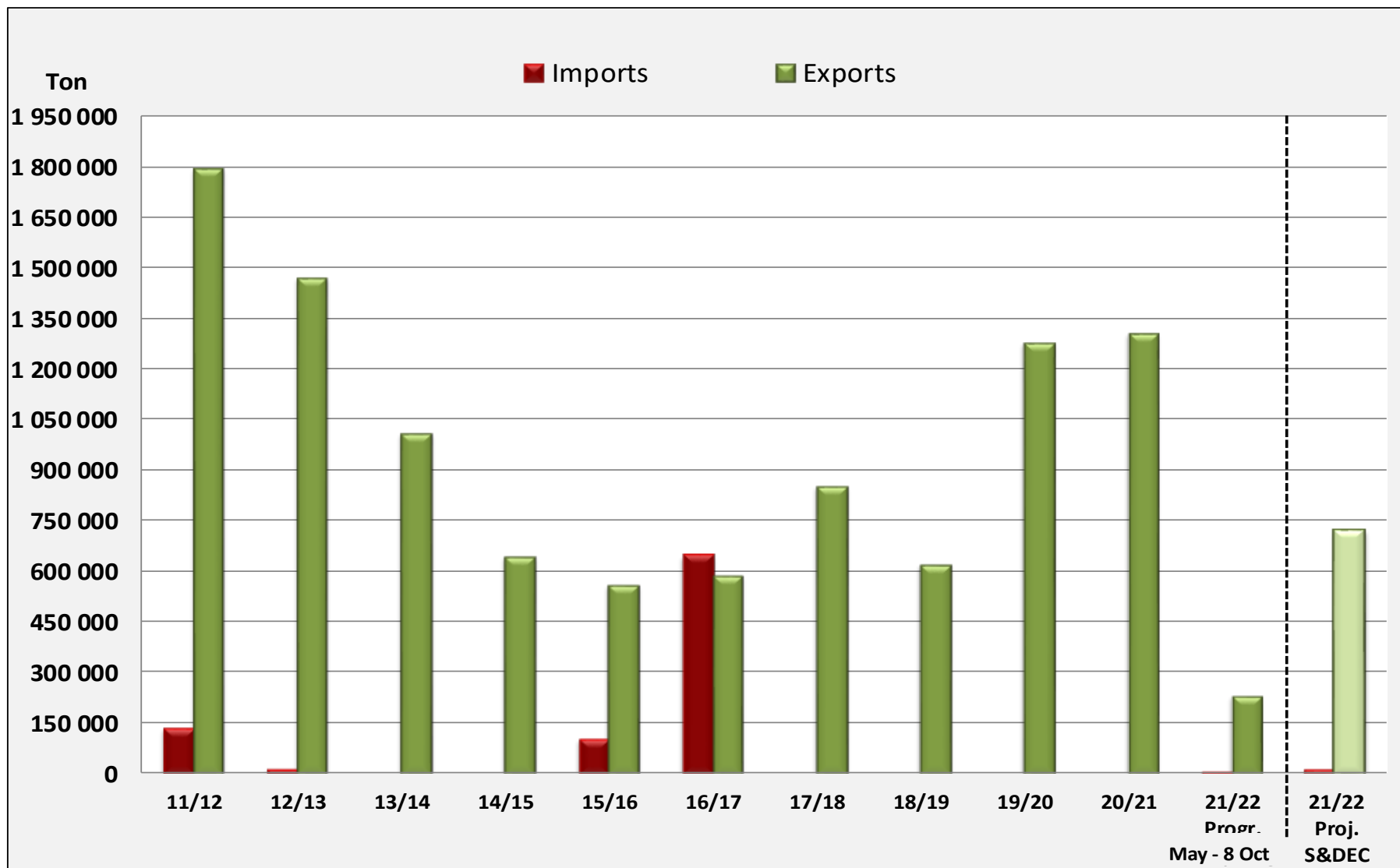


CEC Estimates, Yield, Ha & SAGIS Deliveries



White Maize: Raw material: Imports & Exports

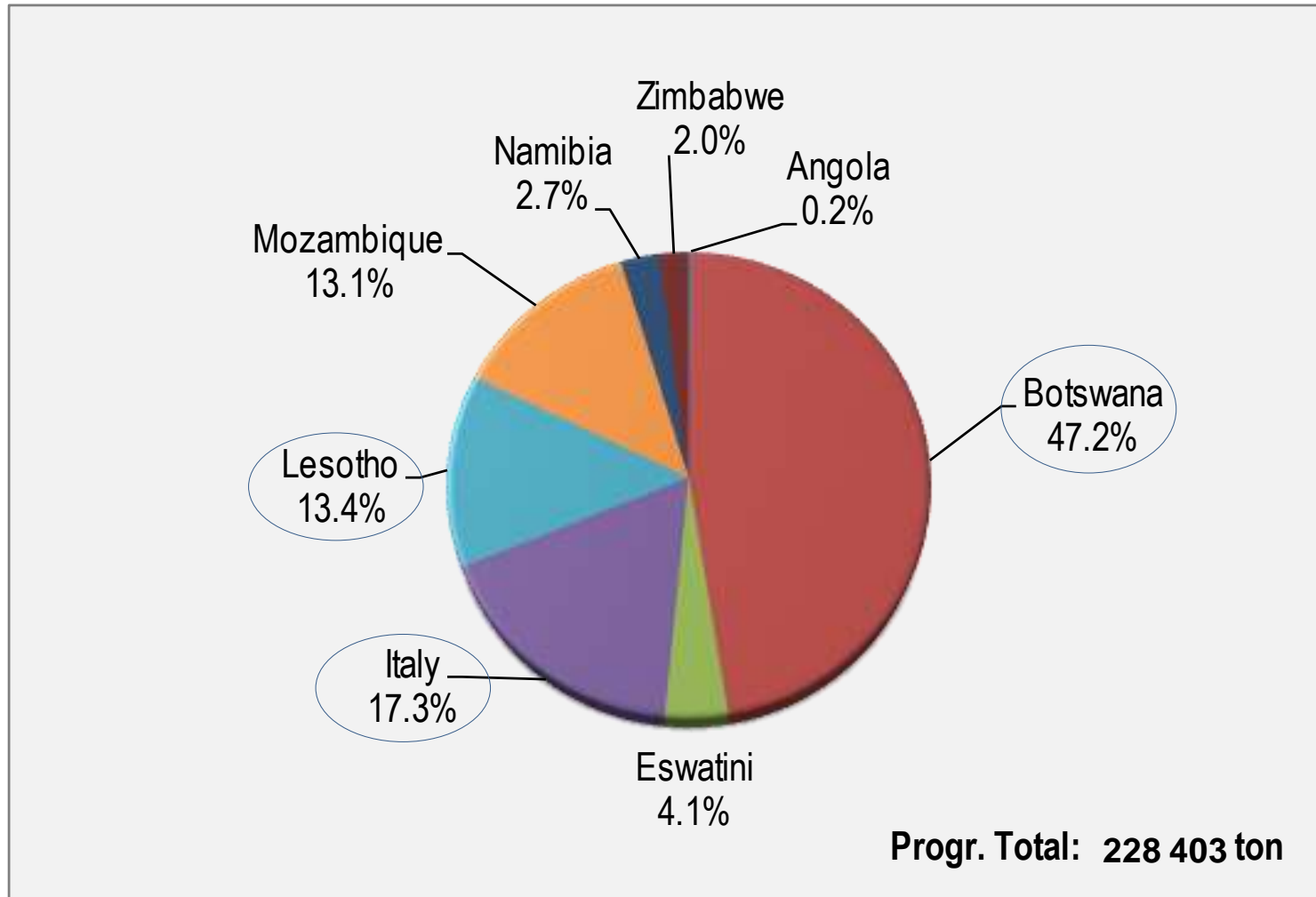
(2021/22 Progr. 1 May – 8 Oct '21)



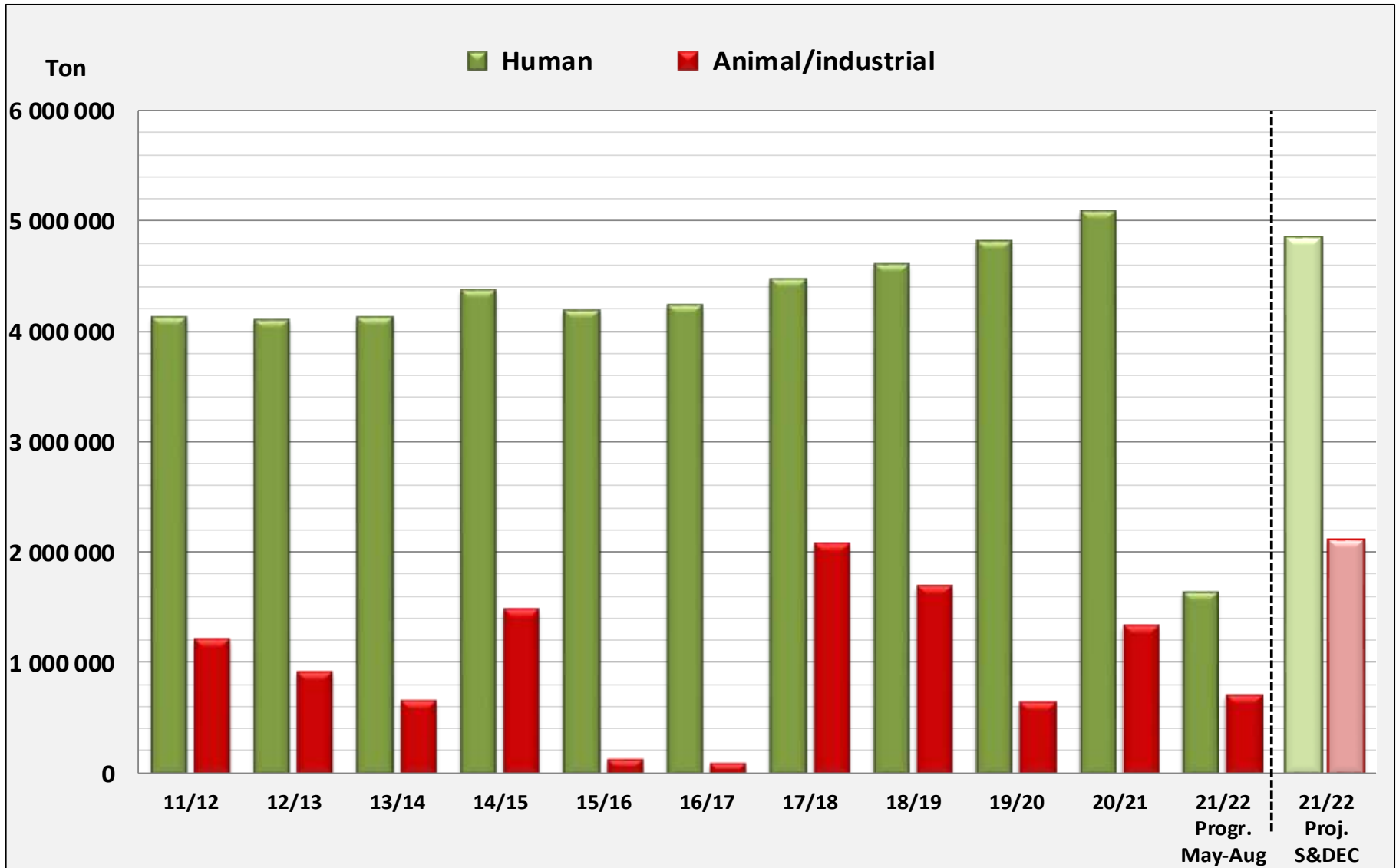
White Maize: **Exports** Raw material

Major Destinations

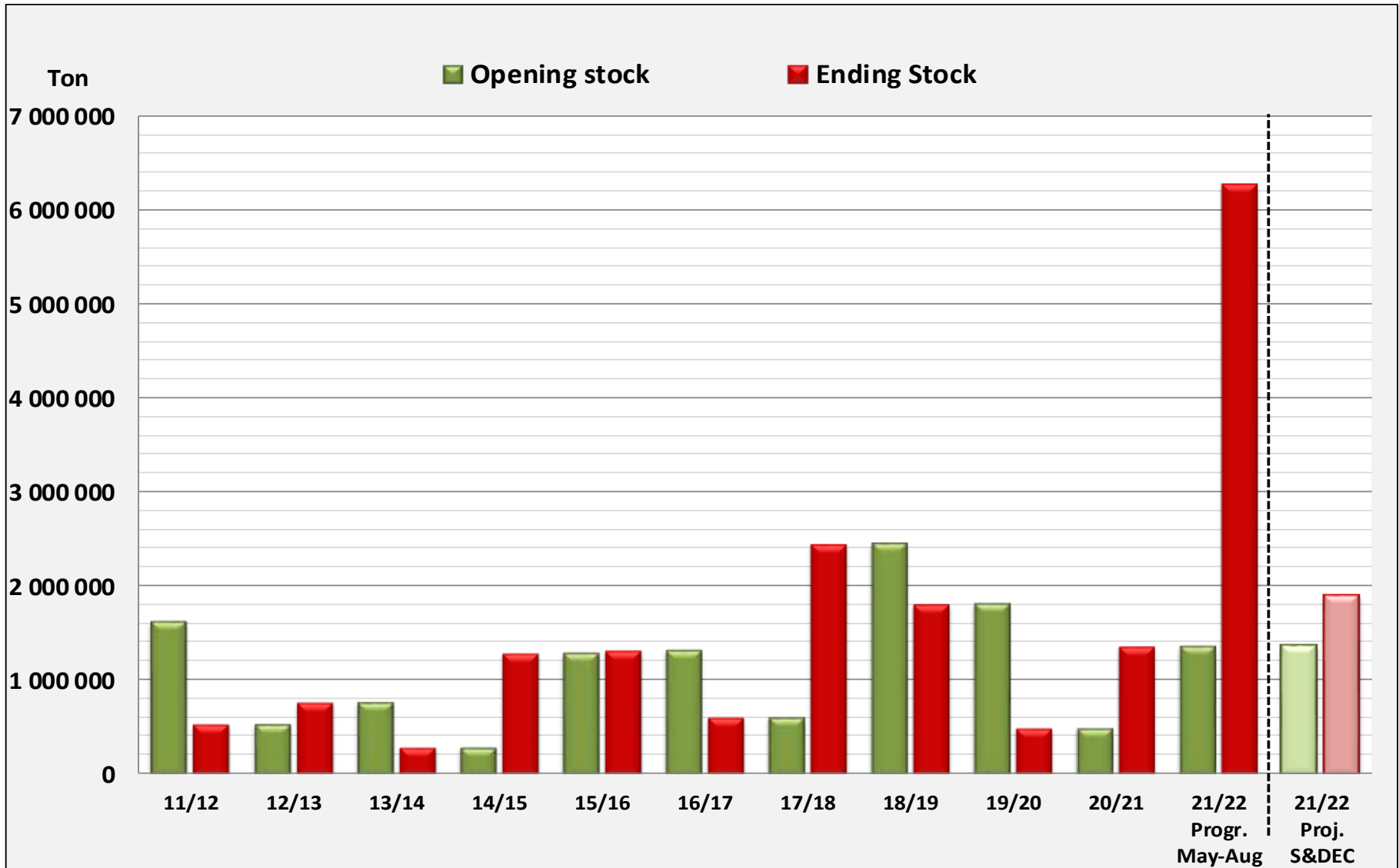
(2021/22 Progr. 1 May – 8 Oct '21)



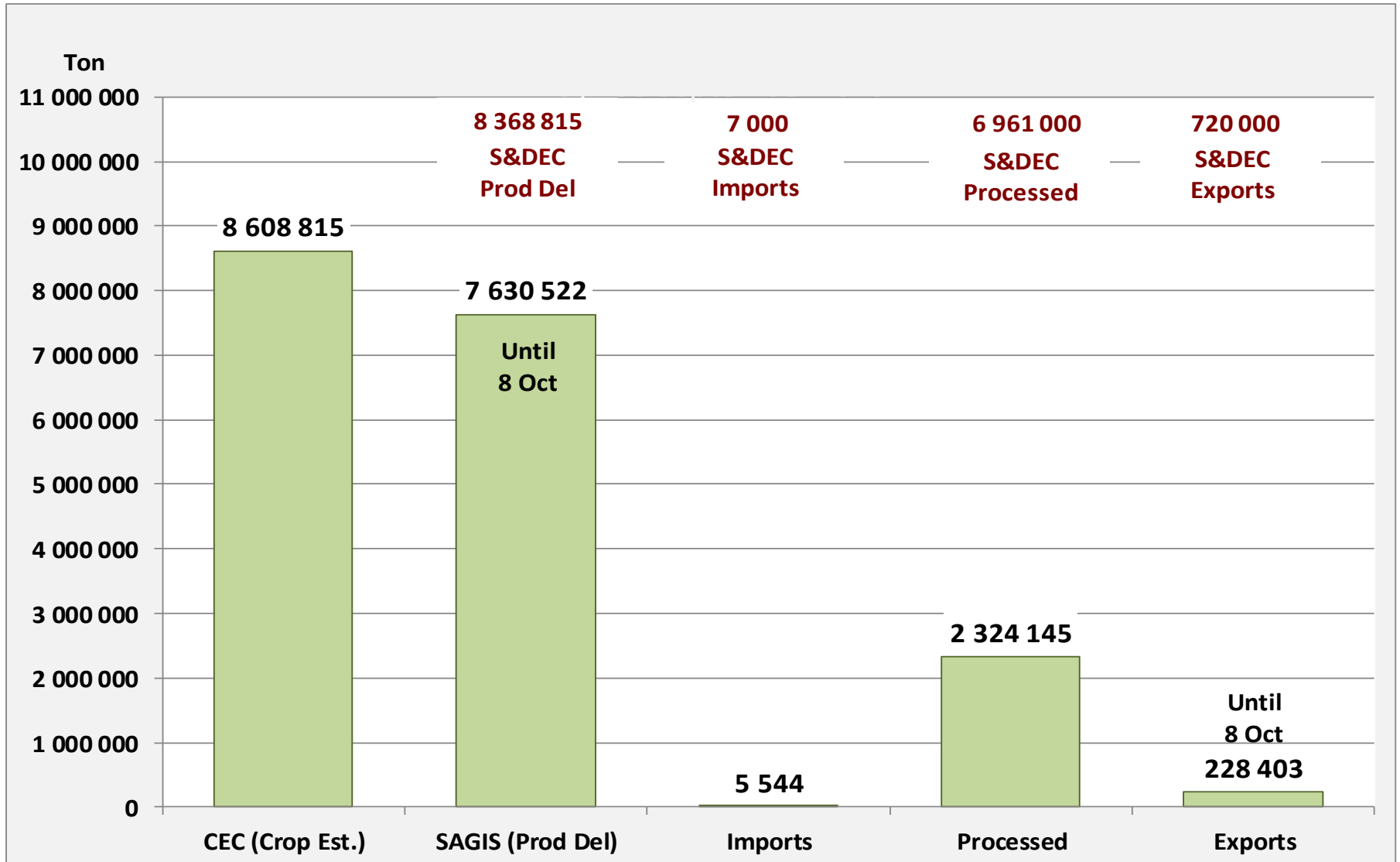
White Maize: RSA Consumption



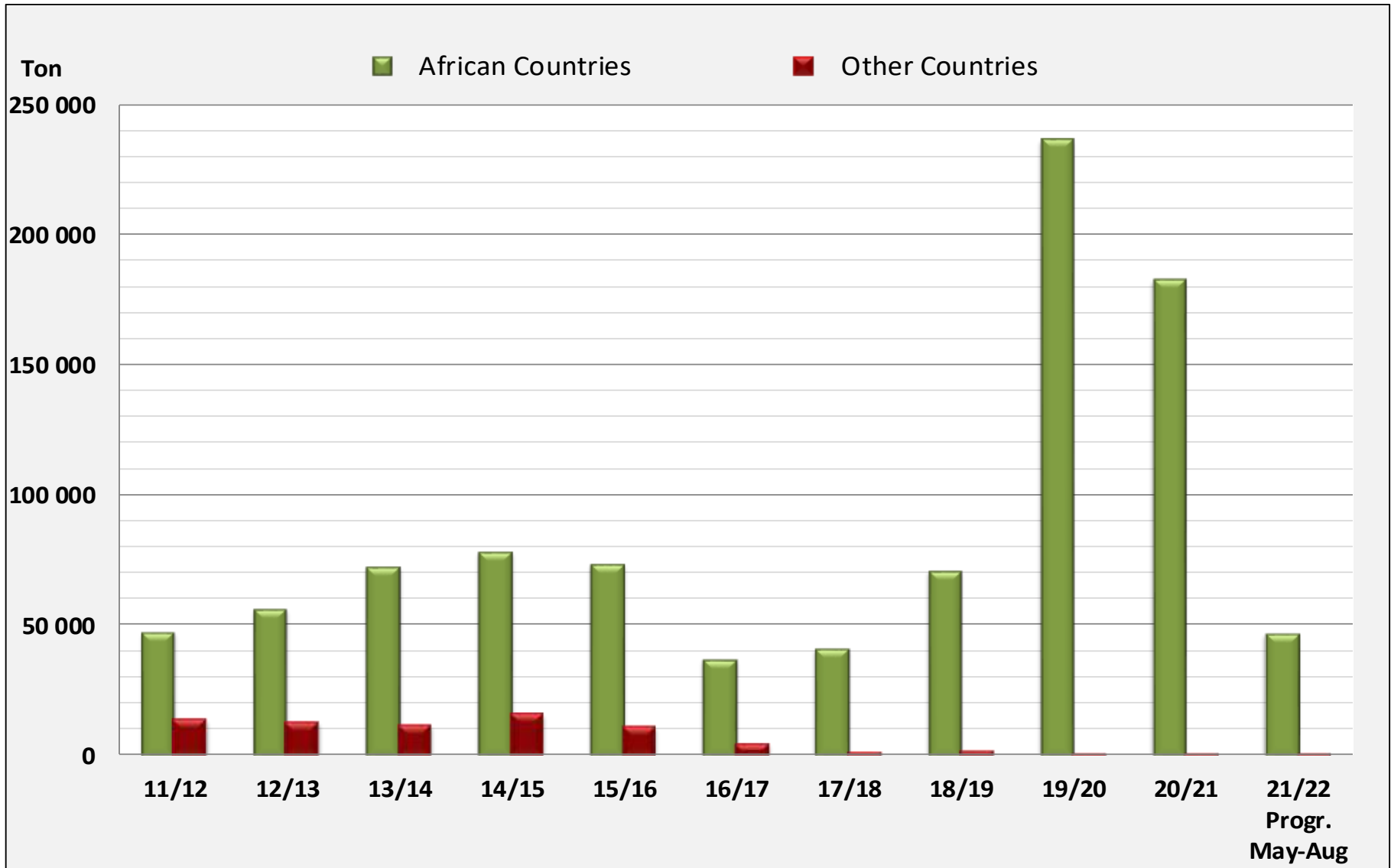
White Maize: Opening & Ending Stocks



White Maize: Supply & Demand: 2021/22 Marketing Year progressive



White Maize: Milled for product exports





Yellow Maize



Yellow Maize: Supply & Demand

(National vs. International) (Marketing season)

Yellow Maize	SAGIS	NAMC (S&DEC)	International (USDA)	
	May - Apr		Sep - Aug	
	Final 2020/21	Projection 2021/22	Estimate 2020/21	Projection 2021/22
	'000t	'000t	Mt	Mt
Opening stocks	526.6	762.0	306.1	286.5
Producer Deliveries	6 672.6	7 162.5	1 117.1	1 197.8
Imports	0.5	0.0	185.1	185.9
Total use (Local)	4 879.6 ^(a)	4 260.0 ^(a)	1 142.2	1 171.3
Exports	1 563.3	2 310.0	179.6	201.3
Closing stocks	762.0 ^(b)	1 122.6 ^(b)	286.5	297.6

(a) Including producer withdrawals and end-users

(b) All stocks, regardless of ownership thereof, in commercial structures

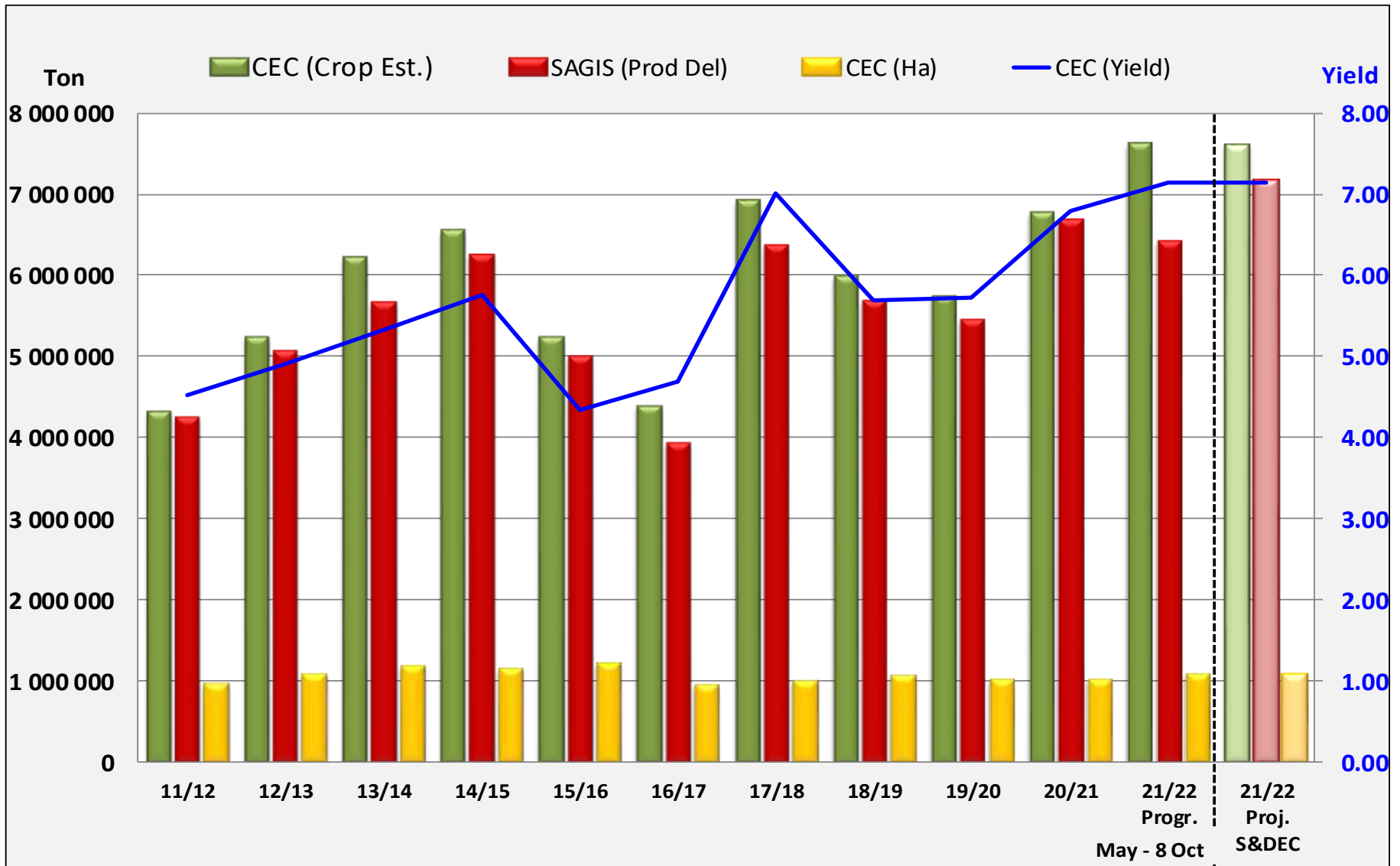
Sources: SAGIS, NAMC: S&DEC, USDA



Yellow Maize: Production & Producer Deliveries

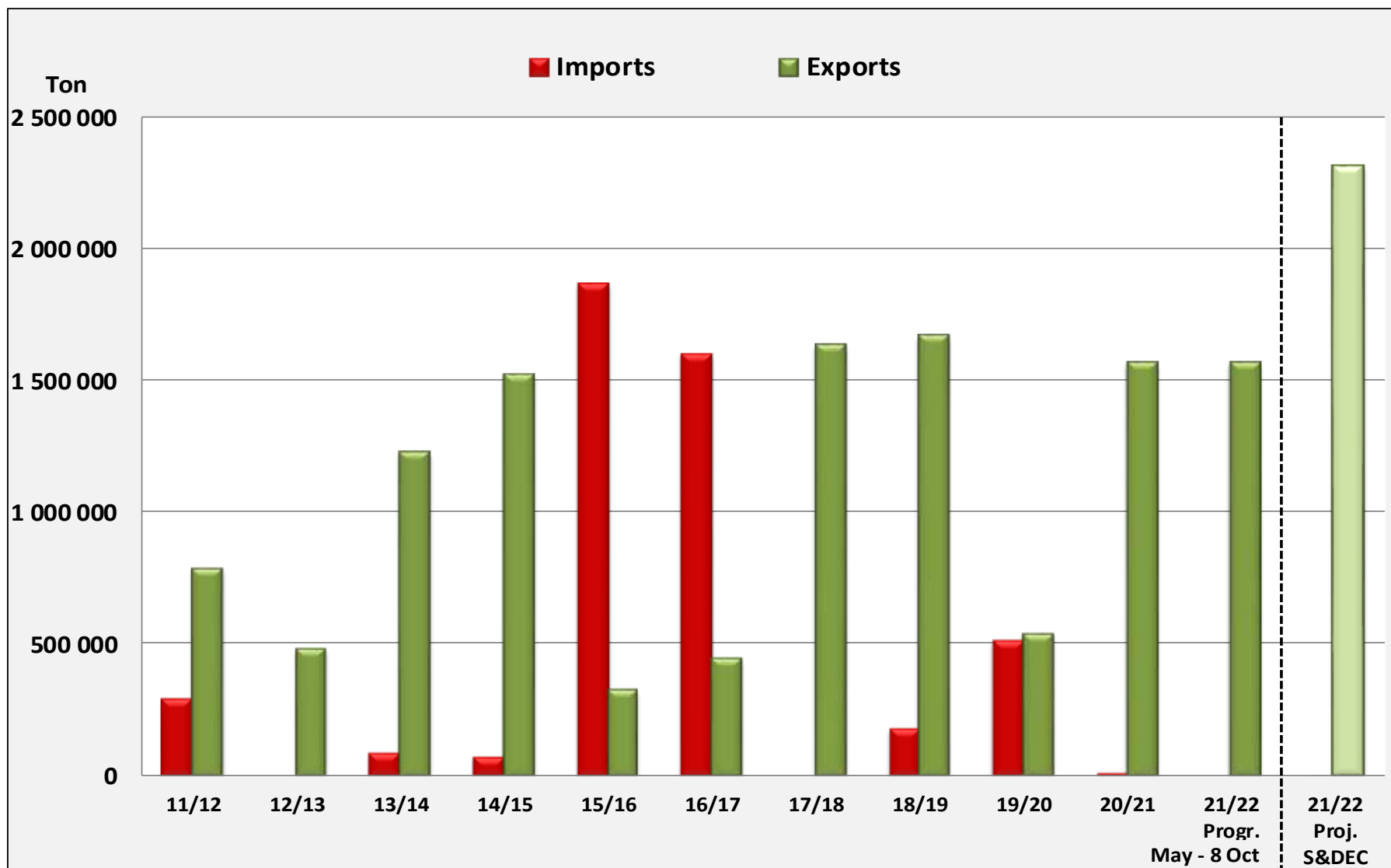


CEC Estimates, Yield, Ha & SAGIS Deliveries



Yellow Maize: Raw Material: Imports & Exports

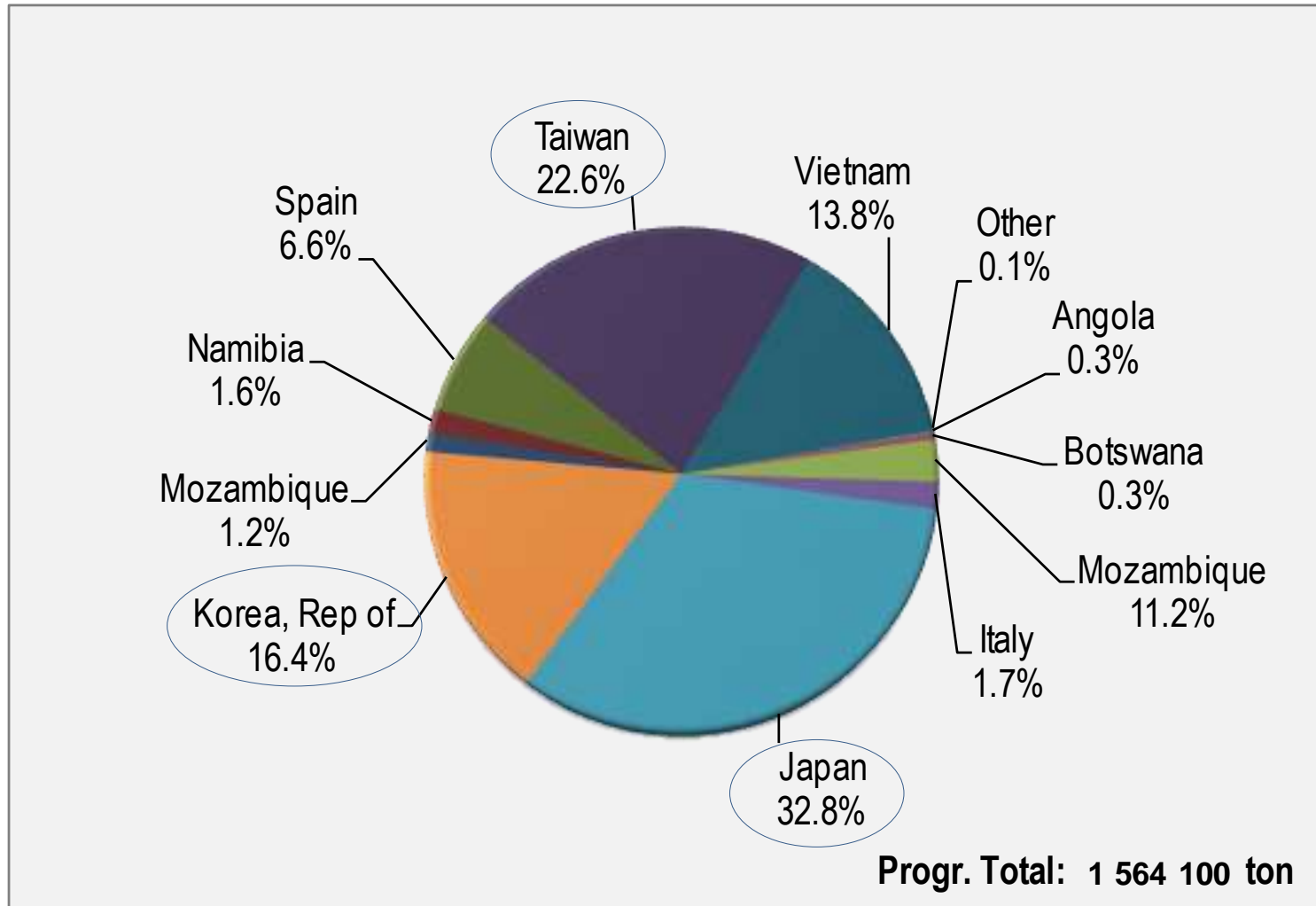
(2021/22 Progr. 1 May – 8 Oct '21)



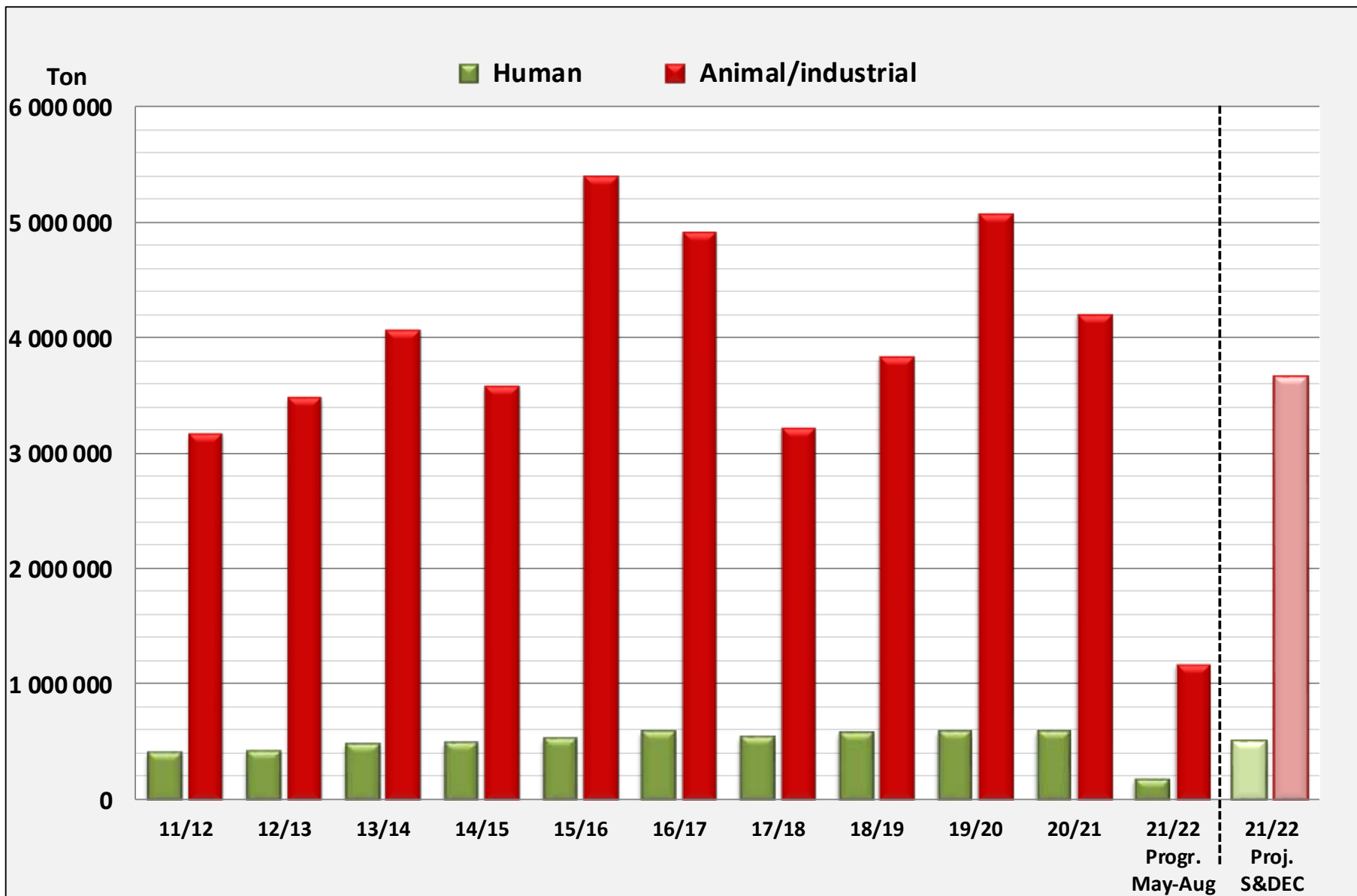
Yellow Maize: **Exports** Raw material

Major destinations

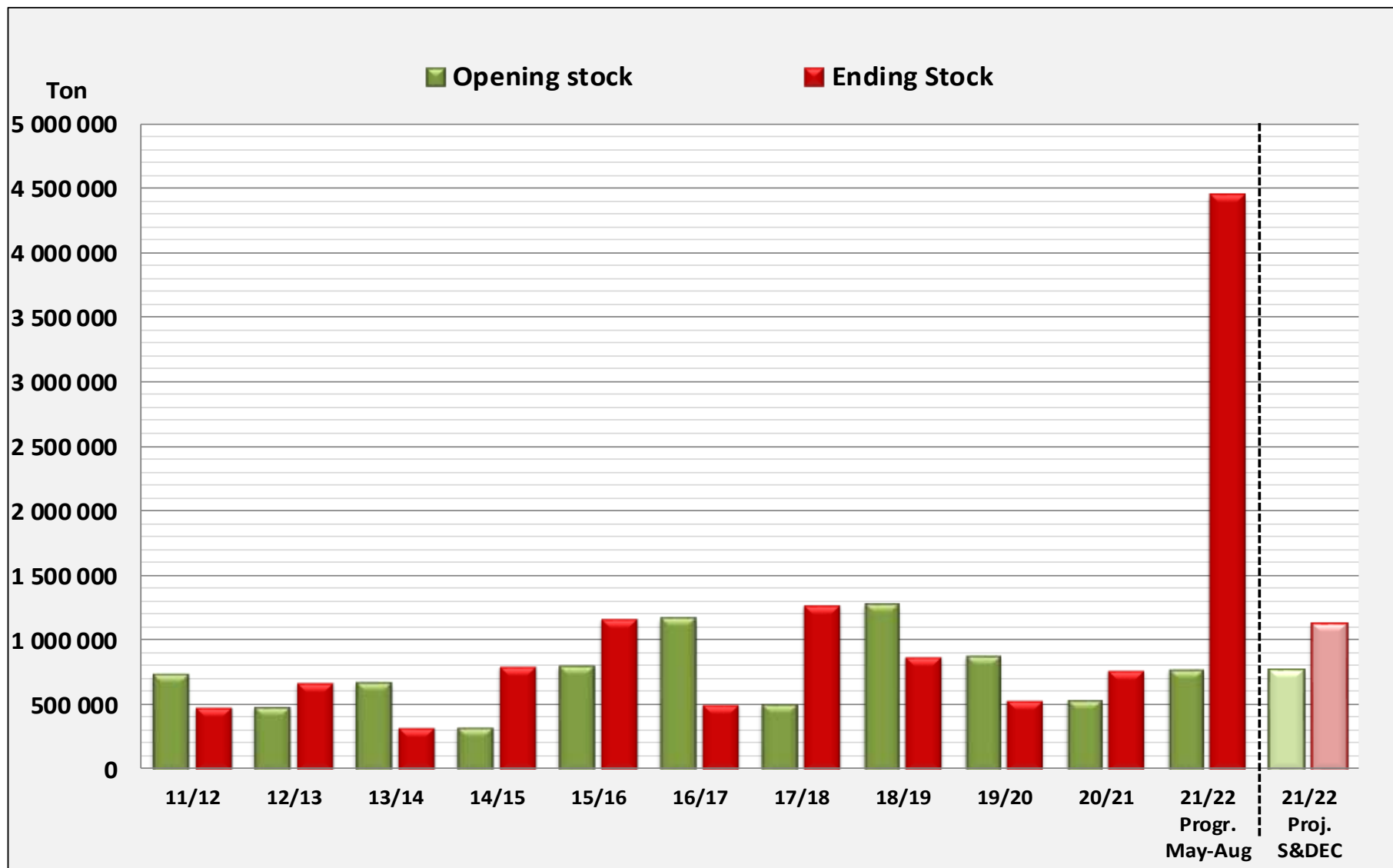
(2021/22 Progr. 1 May – 8 Oct '21)



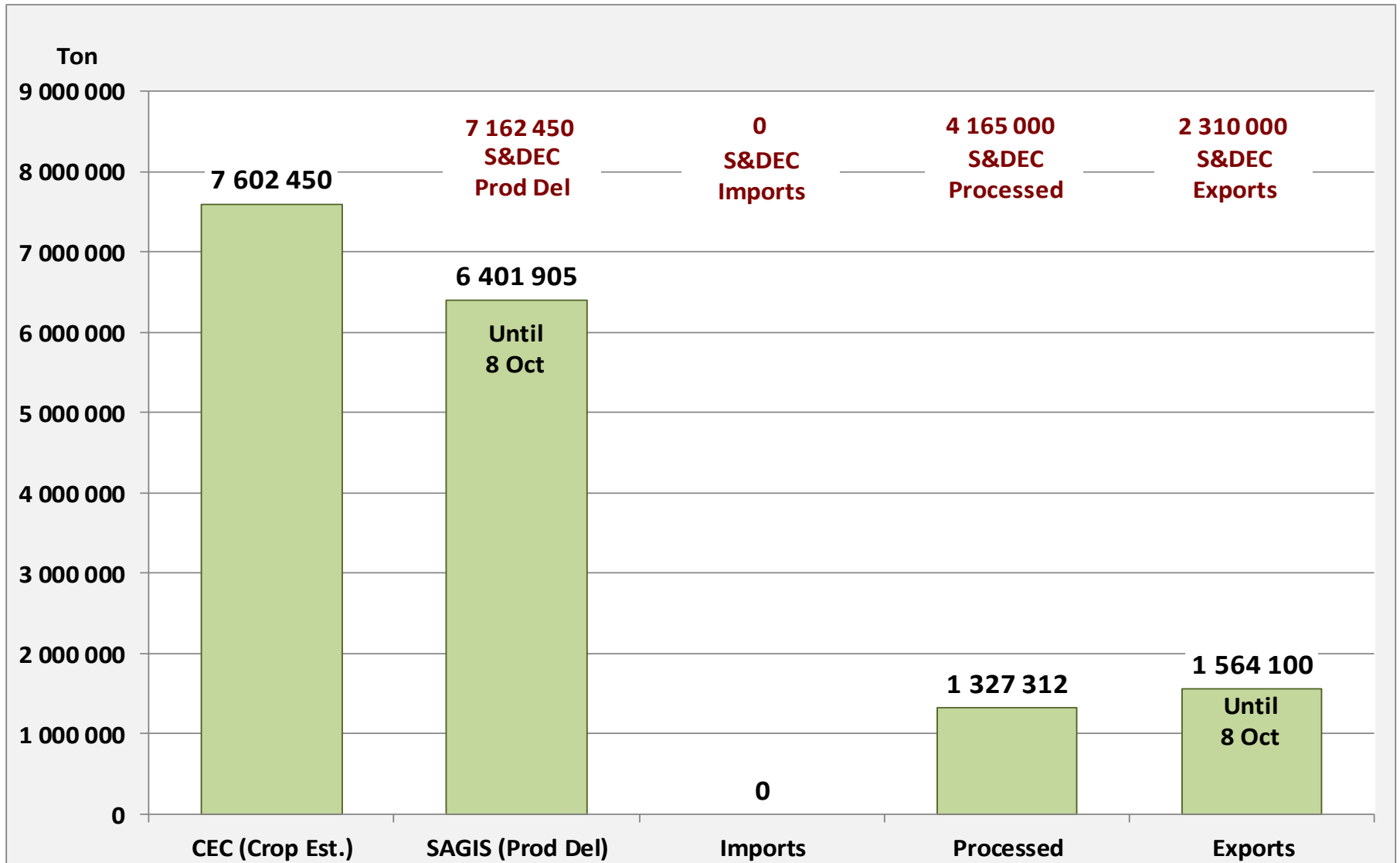
Yellow Maize: RSA Consumption



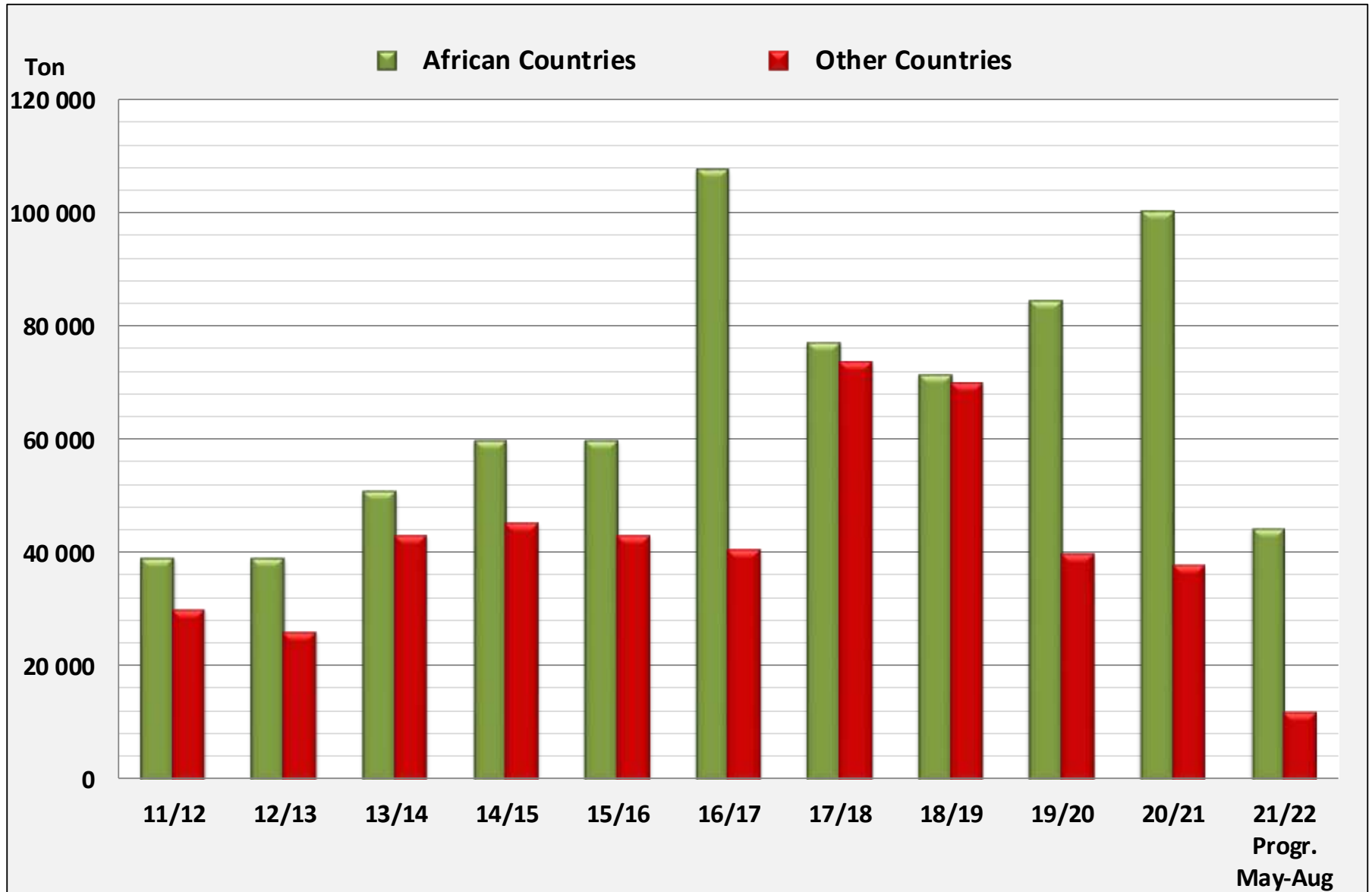
Yellow Maize: Opening & Ending Stocks



Yellow Maize: Supply & Demand: 2021/22 Marketing Year Progressive



Yellow Maize: Milled for product Exports





Total Maize



Total Maize: Supply & Demand

(National vs. International) (Marketing season)

Total Maize	SAGIS	NAMC (S&DEC)	International (USDA)	
	May - Apr		Sep - Aug	
	Final 2020/21	Projection 2021/22	Estimate 2020/21	Projection 2021/22
	'000t	'000t	Mt	Mt
Opening stocks	1 000.6	2 117.0	306.1	286.5
Producer Deliveries	15 278.9	15 531.3	1 117.1	1 197.8
Imports	0.5	7.0	185.1	185.9
Total use (Local)	11 306.3 ^(a)	11 244.0 ^(a)	1 142.2	1 171.3
Exports	2 867.8	3 030.0	179.6	201.3
Closing stocks	2 117.0 ^(b)	3 012.3 ^(b)	286.5	297.6

(a) Including producer withdrawals and end-users

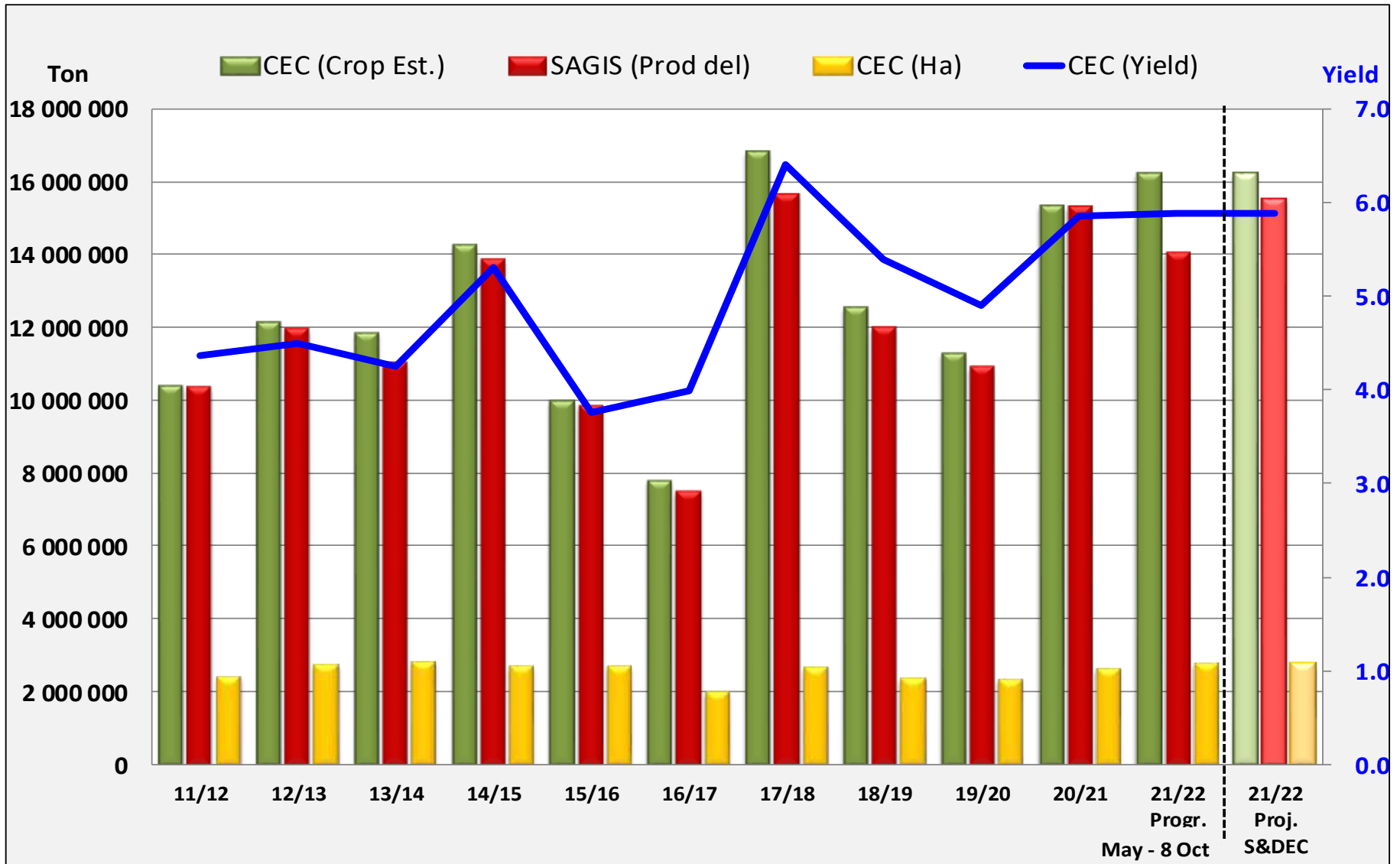
(b) All stocks, regardless of ownership thereof, in commercial structures

Sources: SAGIS, NAMC: S&DEC, USDA

Total Maize: Production & Producer Deliveries

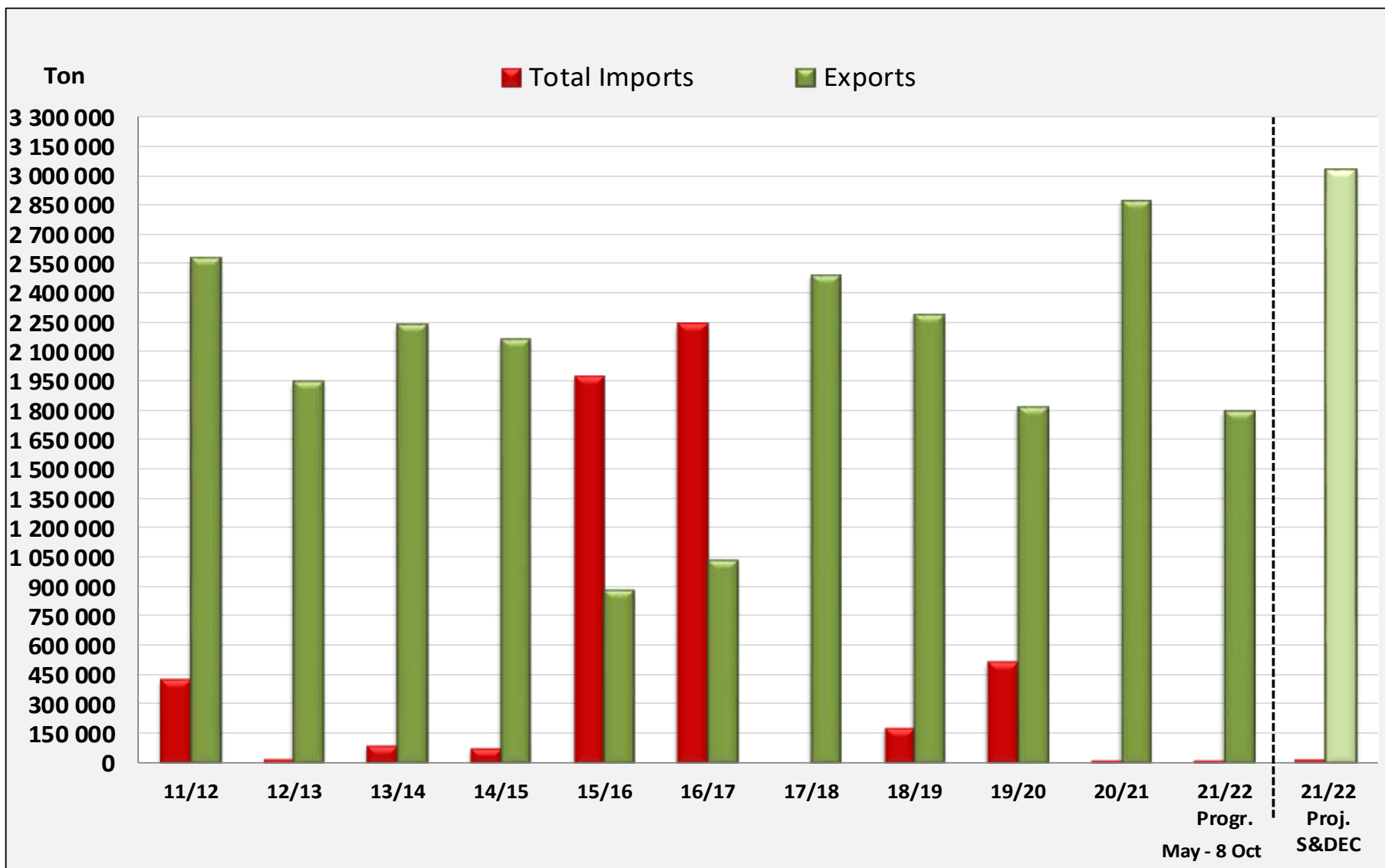


CEC Estimates, Yield, Ha & SAGIS Deliveries

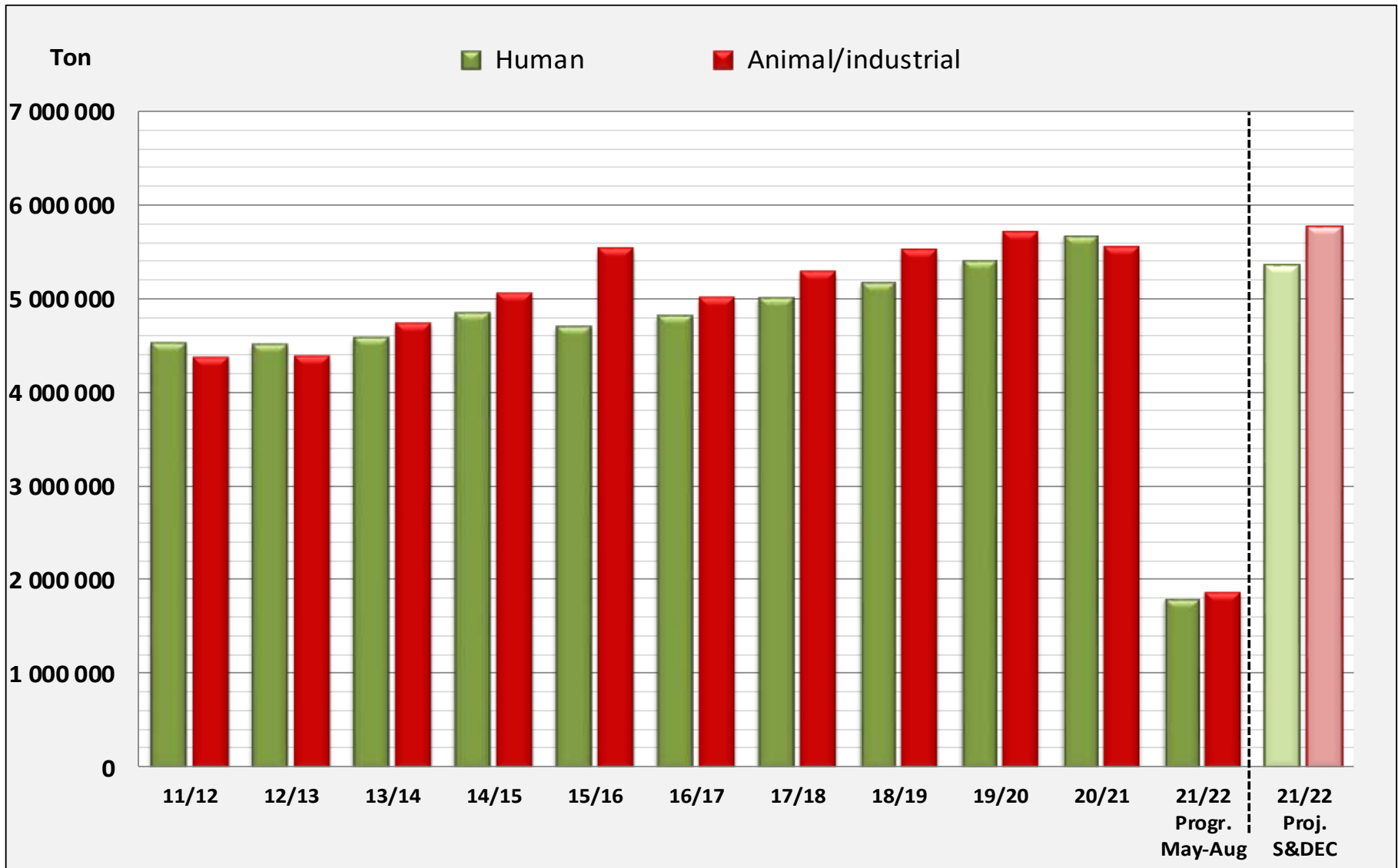


Total Maize: Imports & Exports: Raw material

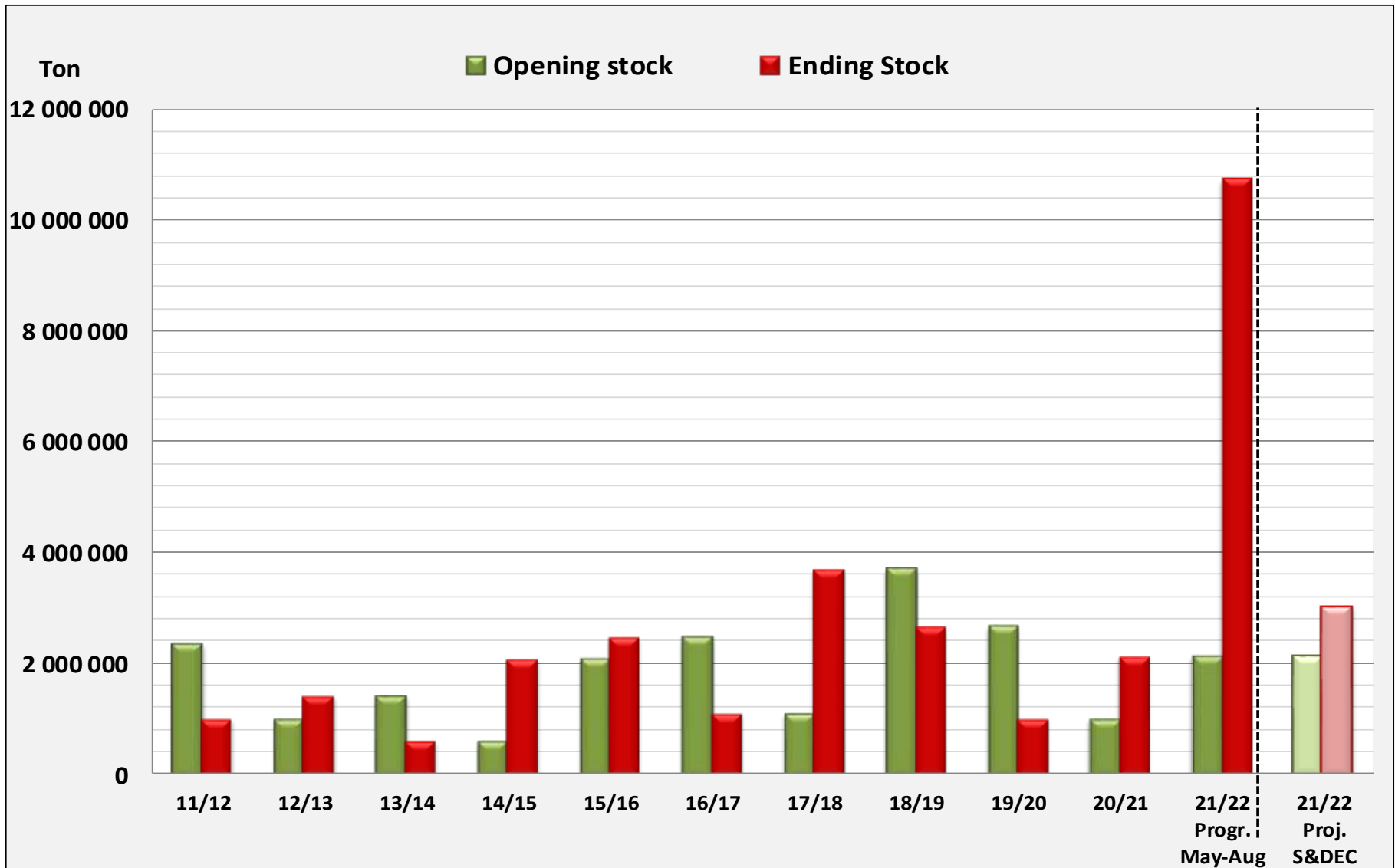
(2021/22 Progr. 1 May – 8 Oct '21)



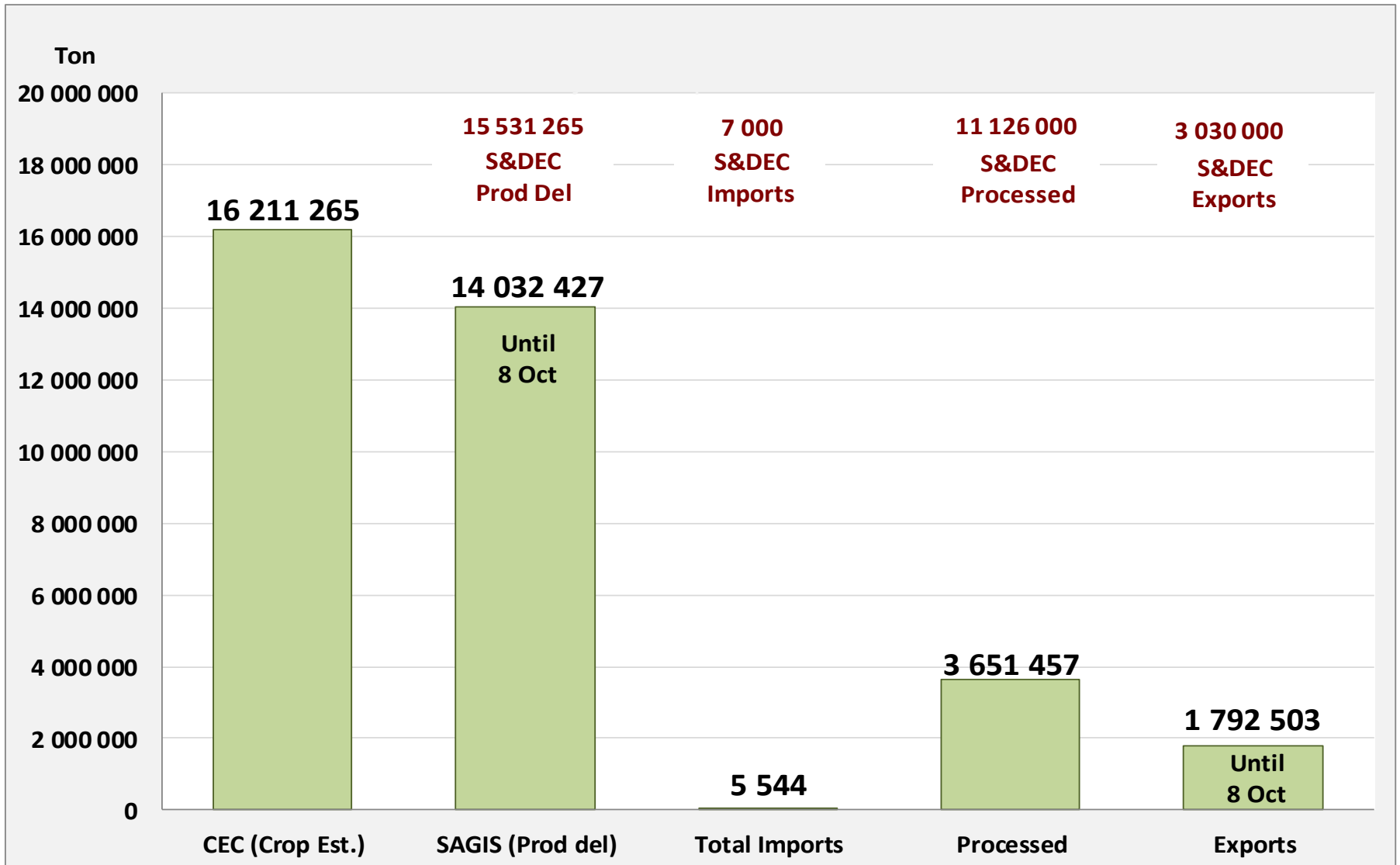
Total Maize: RSA Consumption



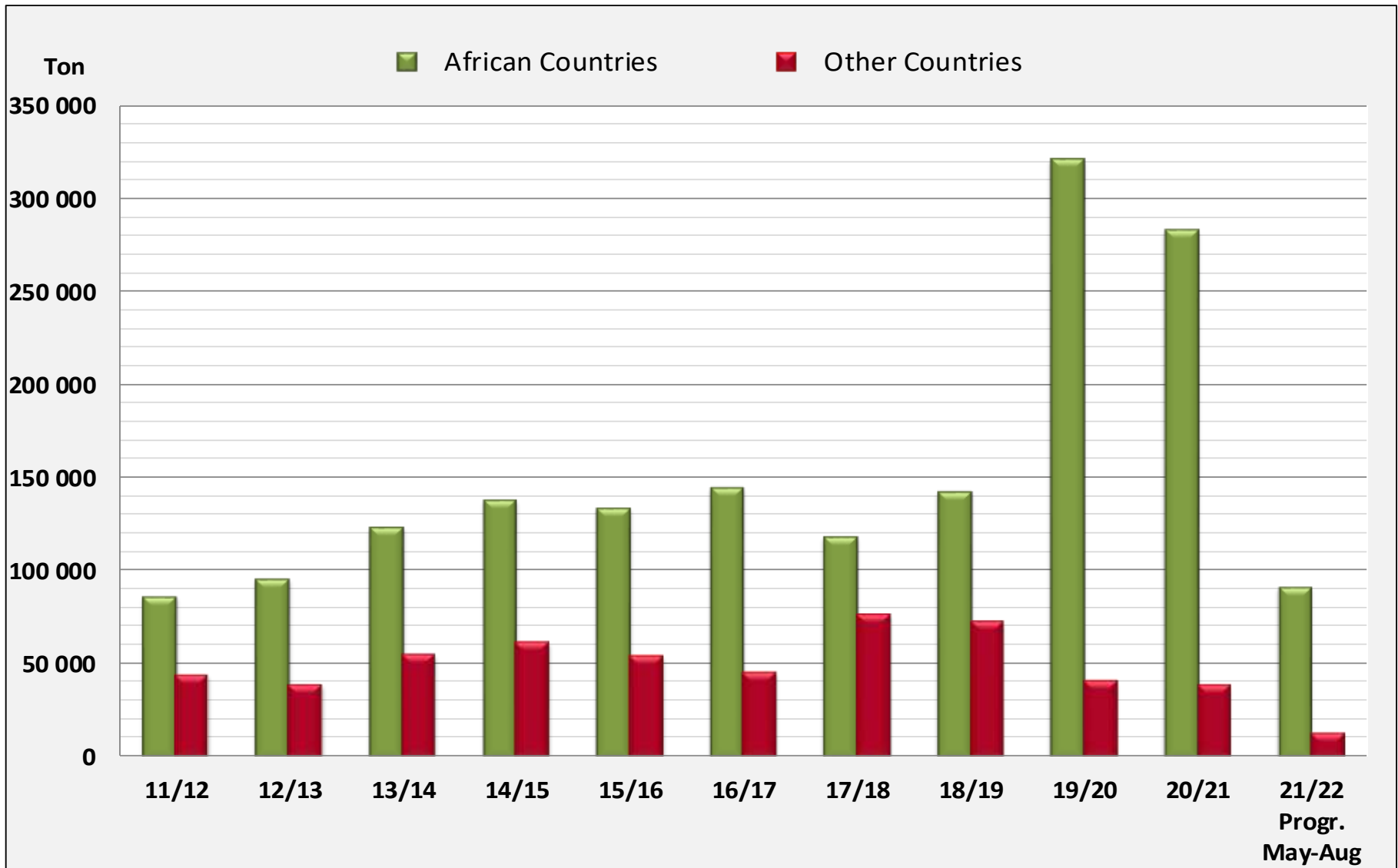
Total Maize: Opening & Ending Stocks



Total Maize: Supply & Demand: 2020/21 Marketing Year Progressive

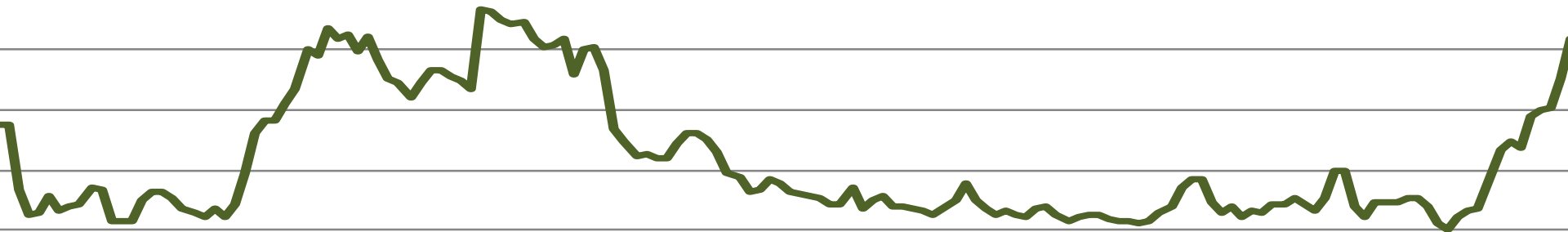


Total Maize: Milled for product exports

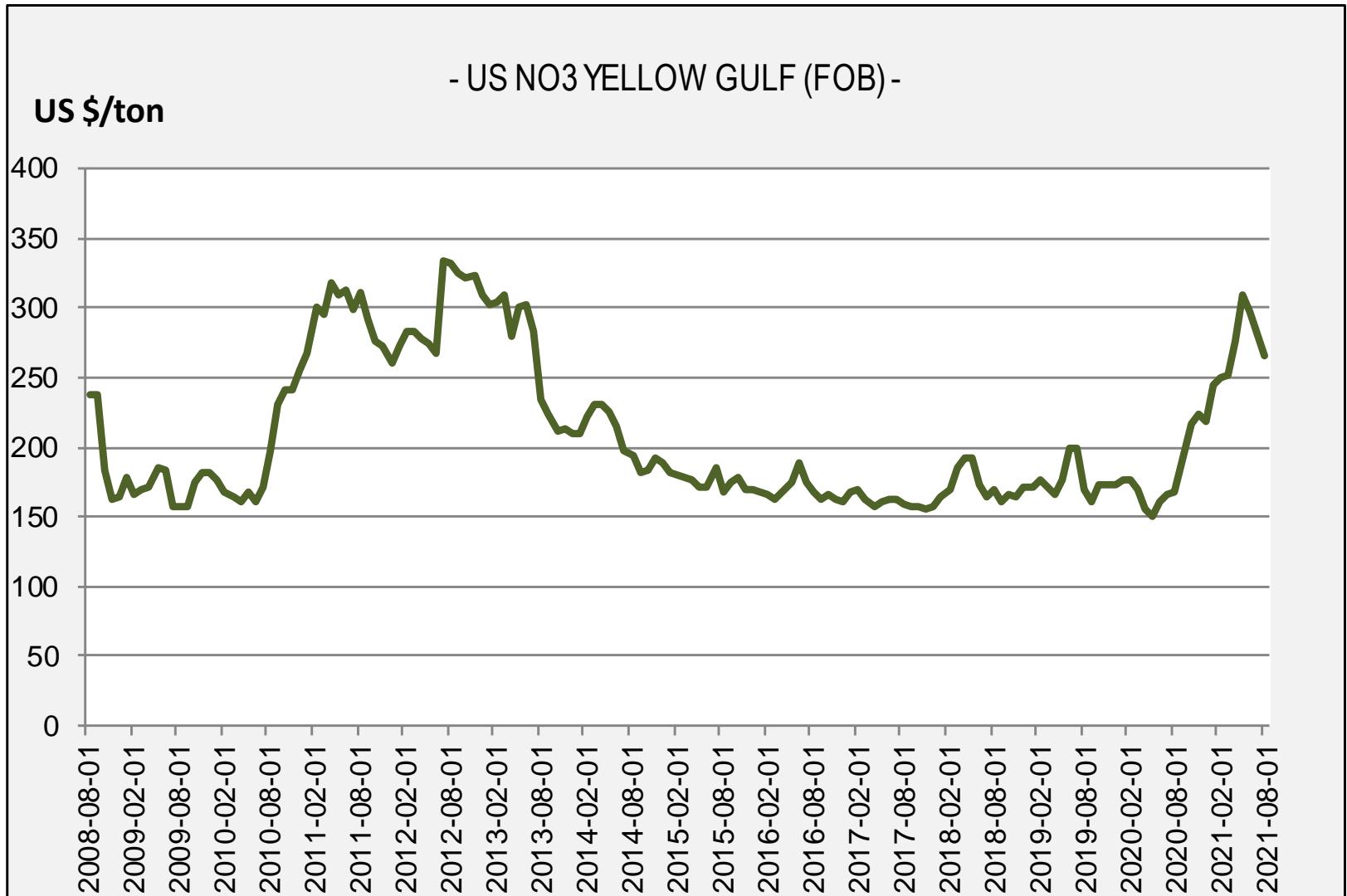




Price Movements



FOB: Maize World Prices



Price Movements: Comparison JSE Commodities

Month on month

	2021/10/18	% Month on month	2021/09/17
	Price R/Ton		Price R/Ton
<i>Future prices for December 2021</i>			
White Maize	3200.00	-1.57	3251.00
Yellow Maize	3356.00	-1.70	3414.00
<i>Future prices for Mar 2022</i>			
White Maize	3214.00	-1.59	3266.00
Yellow Maize	3363.00	-0.91	3394.00

Year on Year

	2021/10/18	% Year on year	2020/10/19
	Price R/Ton		Price R/Ton
<i>Future prices for December 2021</i>			
White Maize	3200.00	-13.84	3714.00
Yellow Maize	3356.00	-6.73	3598.00
<i>Future prices for Mar 2022</i>			
White Maize	3214.00	-11.87	3647.00
Yellow Maize	3363.00	-5.24	3549.00

Source: SAFEX

Price Movements: Comparison CBOT

Month on Month

	2021/10/18	% Month on Month	2021/09/17
	Price \$/Ton		Price R/Ton
<i>US NO 3 Yellow Maize</i>			
Dec '21	209.68	1.02	207.55
Mar '22	212.75	1.16	210.31

Year on Year

	2021/10/18	% Year on Year	2020/10/19
	Price \$/Ton		Price R/Ton
<i>US NO 3 Yellow Maize</i>			
Dec '21	209.68	31.44	159.52
Mar '22	212.75	31.68	161.57

Source: CBOT

Indicative **Import** parity prices

2021/10/15		USA Gulf (no.3Y)	Argentine Up River
		Nov '21	Oct '21
		\$/t	\$/t
	International FOB prices	266.00	244.00
	Freight Rates	63.00	50.00
	Insurance (0.3% of FOB)	0.80	0.73
1	<i>COST, INSURANCE AND FREIGHT (CIF) \$/t</i> <i>Converted to R/t</i>	329.80	294.73
	R/\$ Exchange rate on: 2021/10/12	15.0142	15.0142
		R/t	R/t
2	<i>COST, INSURANCE AND FREIGHT (CIF) R/t</i>	4 951.68	4 425.14
	Financing cost	28.49	25.46
3	<i>COST, INSURANCE, FREIGHT AND FINANCING</i>	4 980.17	4 450.60
	Discharging cost:		
	- Cape Town	216.77	216.77
	- Durban	204.95	204.95
	Import Tariff	0.00	0.00
4	<i>FREE ON RAIL (FOR) R/t</i>		
	- Cape Town	5 196.94	4 667.37
	- Durban	5 185.12	4 655.55
	Railage cost - Durban to Randfontein	239.70	239.70
5	<i>DELIVERED</i>		
	- Durban to Randfontein <i>R/t</i>	5 424.82	4 895.25
6	SAFEX Randfontein (2020/10/13)	4 800.79	4 234.83

Indicative **Export** parity prices

2021/10/12		US No3Y Maize/ Mielies Gulf/Golf (b)
		Nov '21
FOB Gulf value	(\$/t)	266.00
Difference in quality and locality of SA Maize: Plus US\$10	(\$/t)	10.00
Groundnuts: Less 3,5% of fob value		
SA fob price	(\$/t)	276.00
R/\$ Exchange rate on: 2021/10/08		15.0142
FOB Gulf value	(R/t)	4 143.92
Marketing costs:		
Financing (Prime rate 10.50% - 30 days)	(R/t)	23.84
Railage:		
Randfontein – Durban harbour		239.70
Loading costs:	(R/t)	
Durban Harbour (Mainly spout method)		211.35
EXPORT REALISATION:	(R/t)	
Randfontein		3 669.03
SAFEX Randfontein (2020/10/13)		2 904.07

Source: IGC

SARS FOB Prices: Imports

Previous years: May – April (Full years)

2021/22: Progr. May – Aug '21

1005.90.90 Maize Other 1005.90.10 Maize Kernels		Progr. 2021/22 May - Aug	2020/21 (May - Apr)	2019/20 (May - Apr)
Imports	Quantity (Ton)	6 183	952	491 690
Total value of imports	FOB value (R'000)	12 526	3 585	1 258 546
Value per ton	R/Ton	2 026	3 767	2 560

Source: SARS

SARS FOB Prices: **Exports**

Previous years: May – April (Full years)

2021/22: Progr. May – Aug '21

1005.90.90 Maize Other 1005.90.10 Maize Kernels		Progr. 2021/22 May - Aug	2020/21 (May - Apr)	2019/20 (May - Apr)
Exports	Quantity (Ton)	1 526 136	2 153 717	1 366 569
Total value of exports	FOB value (R'000)	5 338 374	7 967 474	4 705 815
Value per ton	R/Ton	3 498	3 699	3 444

Source: SARS

Imports: SARS FOB Prices (2021/22 Progr. May – Aug '21)

Imports

Tariff line 1005.90.90 Maize - Other

Tariff line 1005.90.10 Maize - Dried Kernels

Country	Ton	FOB value R'000	Rand/ton
Angola	0.005	0.15	33 333.33
Belgium	2.221	33.68	15 162.06
Botswana	0.072	1.00	13 861.11
Canada	0.001	0.09	85 000.00
Eswatini	26.820	138.31	5 156.97
Ghana	2.518	4.33	1 721.21
Jordan	0.002	0.60	272 727.27
Lesotho	5.019	11.42	2 276.38
Netherlands	4.414	54.43	12 332.08
Pakistan	0.010	0.02	1 500.00
Russian Federation	0.011	0.03	2 545.45
Saudi Arabia	0.001	0.01	16 000.00
South Africa	34.003	82.03	2 412.35
Spain	0.040	0.37	9 250.00
United Arab Emirates	0.005	1.08	213 267.33
United Kingdom	0.042	3.67	87 404.76
United States	0.031	2.84	91 392.65
Unknown	4.697	22.72	4 836.67
Zambia	6 103.474	11 895.60	1 948.99
Zimbabwe	0.100	0.50	5 000.00
Total	6 183.485	12 252.86	1 981.55

Progr. May - Aug '21

Source: SARS

Exports: SARS FOB Prices

(2021/22 Progr. May – Aug '21)

Exports

Tariff line 1005.90.90 Maize - Other including:

Tariff line 1005.90.10 Maize - Dried Kernels

Country	Ton	FOB value R'000	Rand per ton
Angola	4 187.720	19 611.49	4 683.10
Australia	3.816	62.13	16 280.00
Benin	624.635	5 514.76	8 828.77
Botswana	95 057.421	296 952.49	3 123.93
China	499.950	4 642.04	9 285.01
Congo Dem Rep Of	40.397	1 242.95	30 768.55
Cote D Ivoire	2 097.510	18 950.65	9 034.83
Estonia	130.000	1 131.97	8 707.49
Eswatini	45 587.673	148 239.92	3 251.75
France	3 417.449	26 335.00	7 706.04
Gabon	26.000	220.02	8 462.31
Gambia	156.000	1 286.38	8 246.03
Georgia	130.000	1 167.94	8 984.12
Ghana	608.462	6 373.78	10 475.23
India	8 053.530	61 066.36	7 582.56
Italy	39 447.100	101 760.33	2 579.67
Japan	410 169.485	1 584 076.18	3 862.00
Jordan	179.000	1 498.15	8 369.56
Kenya	734.704	6 429.97	8 751.78
Korea, Rep Of	236 191.545	893 218.52	3 781.75
Latvia	52.192	480.19	9 200.34
Lesotho	22 743.891	87 737.42	3 857.63
Liberia	52.000	477.34	9 179.56
Madagascar	3.456	71.79	20 772.86
Malawi	41.571	527.85	12 697.48
Malaysia	230.110	2 042.69	8 877.03
Malta	26.000	245.68	9 449.15
Mozambique	39 968.090	140 597.63	3 517.75

Country	Ton	FOB value R'000	Rand per ton
Namibia	27 379.234	82 674.82	3 019.62
Netherlands	504.000	4 420.92	8 771.67
Nigeria	182.000	1 646.85	9 048.61
Philippines	50.000	334.20	6 683.98
Palau	21.000	43.72	2 081.81
Qatar	45.579	453.45	9 948.86
Saudi Arabia	626.000	3 333.63	5 325.29
Senegal	52.000	431.71	8 302.15
Singapore	50.803	481.58	9 479.34
Somalia	7.625	47.49	6 227.54
Spain	81 010.000	285 961.91	3 529.96
Sri Lanka	76.192	705.84	9 263.92
Taiwan, Prov of China	268 009.593	633 964.01	2 365.45
Thailand	1 371.677	13 369.85	9 747.08
Togo	413.370	3 607.31	8 726.58
Turkey	312.000	2 421.38	7 760.84
Tunisia	100.000	796.08	7 960.84
United Arab Emirates	7 690.383	63 524.14	8 260.21
United Kingdom	148.034	1 332.68	9 002.48
Unknown	269.886	2 464.90	9 133.12
Vietnam	219 976.488	785 241.47	3 569.66
Zambia	7.342	295.86	40 297.72
Zimbabwe	7 371.982	38 796.94	5 262.76
Total	1 526 134.894	5 338 312.36	3 497.93

Progr. May - Aug '21

Source: SARS

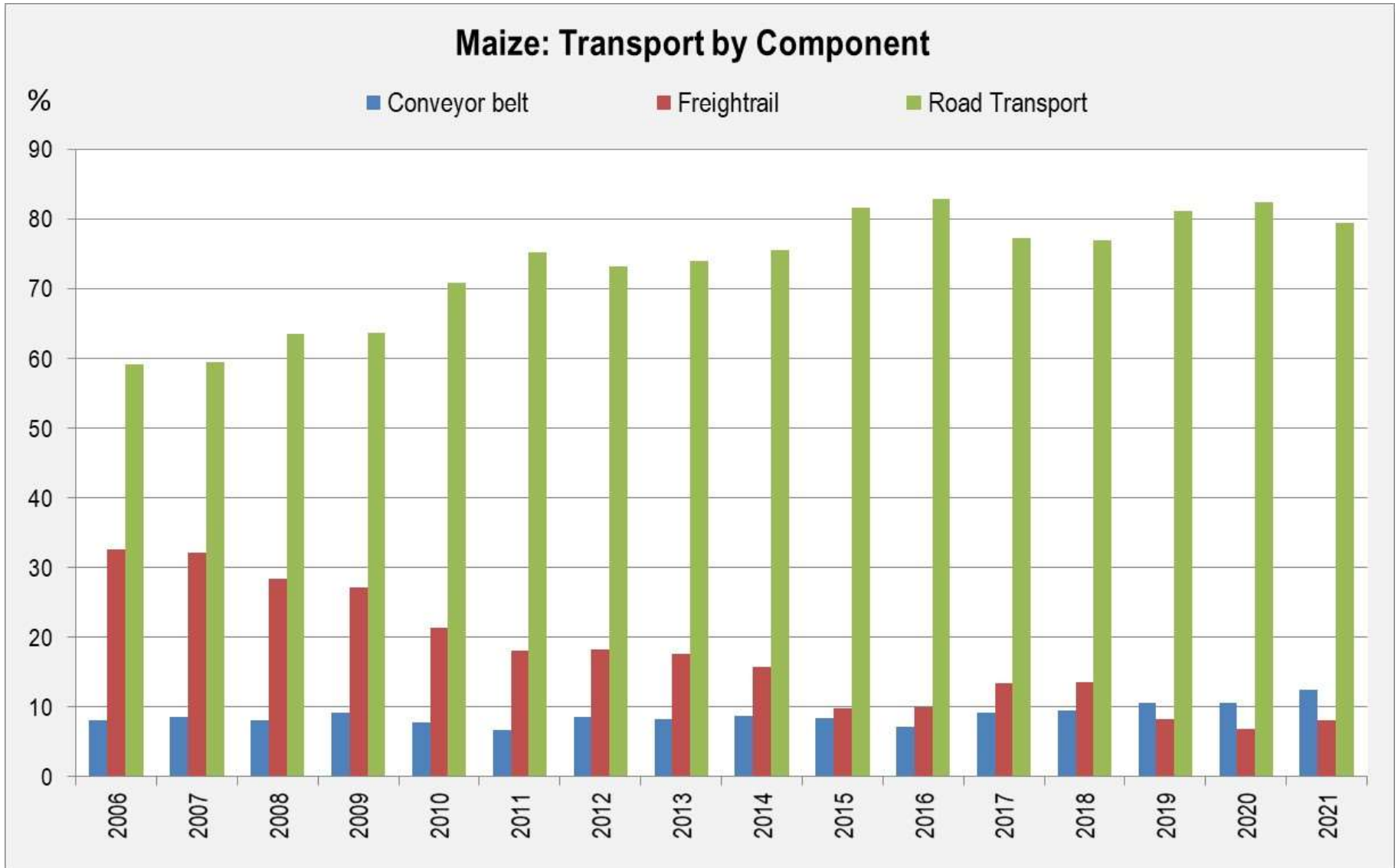




Transport Component

Transport component

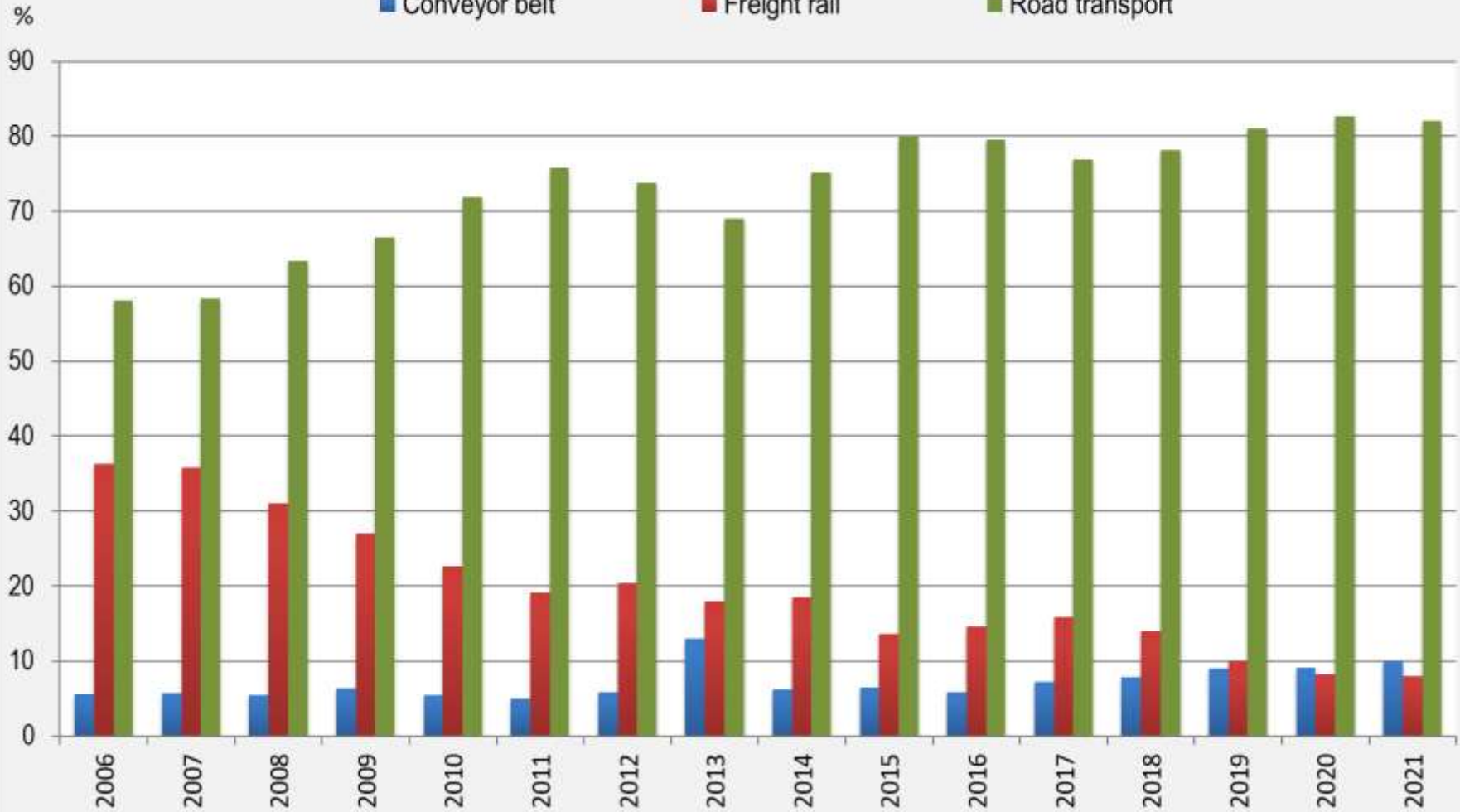
Maize



Transport component Maize and Wheat

Maize & Wheat: Transport by Component

■ Conveyor belt ■ Freight rail ■ Road transport



Maize Products



Maize Products Manufactured



Maize Products Manufactured	Aug '21			Progr. Sep '20 - Aug '21 (12 months)			% of Total (12 months)		
	White maize	Yellow maize	Total Maize	White maize	Yellow maize	Total Maize	White maize	Yellow maize	Total Maize
	Ton								
Maize Chop	147 616	15 686	163 302	1 720 903	198 550	1 919 453	33.7	31.7	33.5
Maize Rice	706	*	706	7 055		7 055	0.1	*	0.1
Maize Grits	5 946	*	5 946	76 549		76 549	1.5	*	1.3
Samp	10 846	*	10 846	107 417		107 417	2.1	*	1.9
* Total Yellow Maize Rice / Maize Grits / Samp		24 157	24 157	0	287 440	287 440	0.0	45.8	5.0
Sifted Maize Meal	1 852	5 675	7 527	23 687	41 089	64 776	0.5	6.6	1.1
Special Maize Meal	23 258	204	23 462	277 588	2 857	280 445	5.4	0.5	4.9
Super Maize Meal	240 553	1 857	242 410	2 768 295	23 297	2 791 592	54.2	3.7	48.7
Unsifted Maize Meal	732	1	733	7 819	8	7 827	0.2	0.0	0.1
Other maize products intended for Human consumption	8 769	4 632	13 401	114 328	73 942	188 270	2.2	11.8	3.3
Total	440 278	52 212	492 490	5 103 641	627 183	5 730 824	100	100	100
Whole maize milled	426 151	56 723	482 874	5 091 540	691 015	5 782 555			
Diff milled and products	-14 127	4 511	-9 616	-12 101	63 832	51 731			
% Chop	34	30	33	34	32	33			

Note: The product figures do not include industrial products

Maize Products Imported per month (12 month period)

Maize Products Imported	Aug '21			Progr. Sep '20 - Aug '21 (12 months)			% of Total (12 months)		
	Ton								
	White Maize	Yellow Maize	Total Maize	White Maize	Yellow Maize	Total Maize	White Maize	Yellow Maize	Total Maize
Maize Chop	1 383	0	1 383	7 441	0	7 441	59	0	59
Maize Rice	0	*	0	0		0	0	*	0
Maize Grits	0	*	0	0		0	0	*	0
Samp	0	*	0	0		0	0	*	0
* Total Yellow Maize Rice / Maize Grits / Samp		0	0	0	1	1	0	0	0
Sifted Maize Meal	605	0	605	5 065	0	5 065	41	0	40
Special Maize Meal	0	0	0	0	0	0	0	0	0
Super Maize Meal	0	0	0	0	0	0	0	0	0
Unsifted Maize Meal	0	0	0	0	0	0	0	0	0
Other maize products intended for Human consumption	0	0	0	0	0	0	0	0	0
Total	1 988	0	1 988	12 506	1	12 507	100	0	100

* Included total for yellow rice, grits and samp



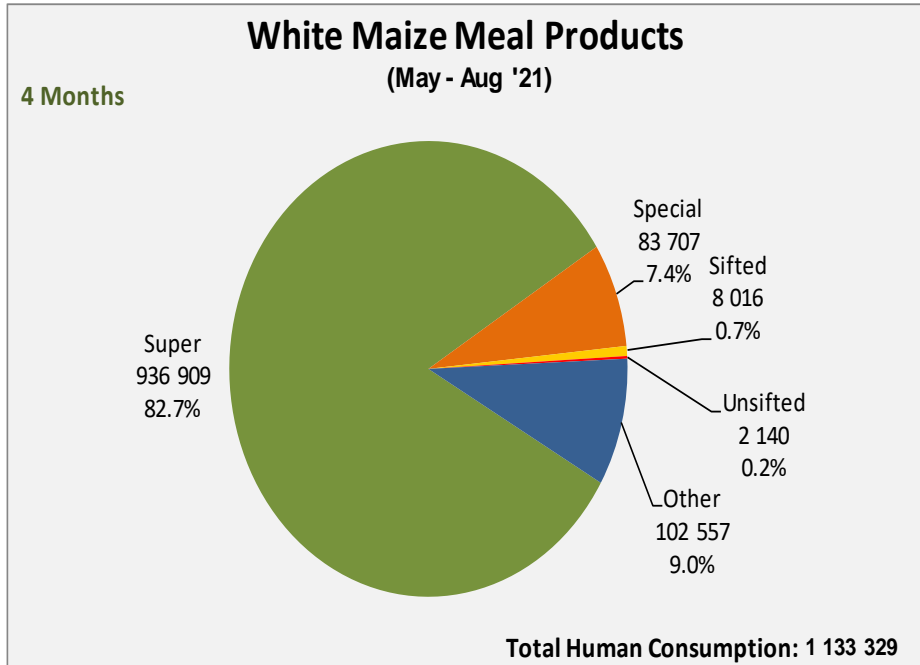
Maize Products **Exported** per month

(12 month period)

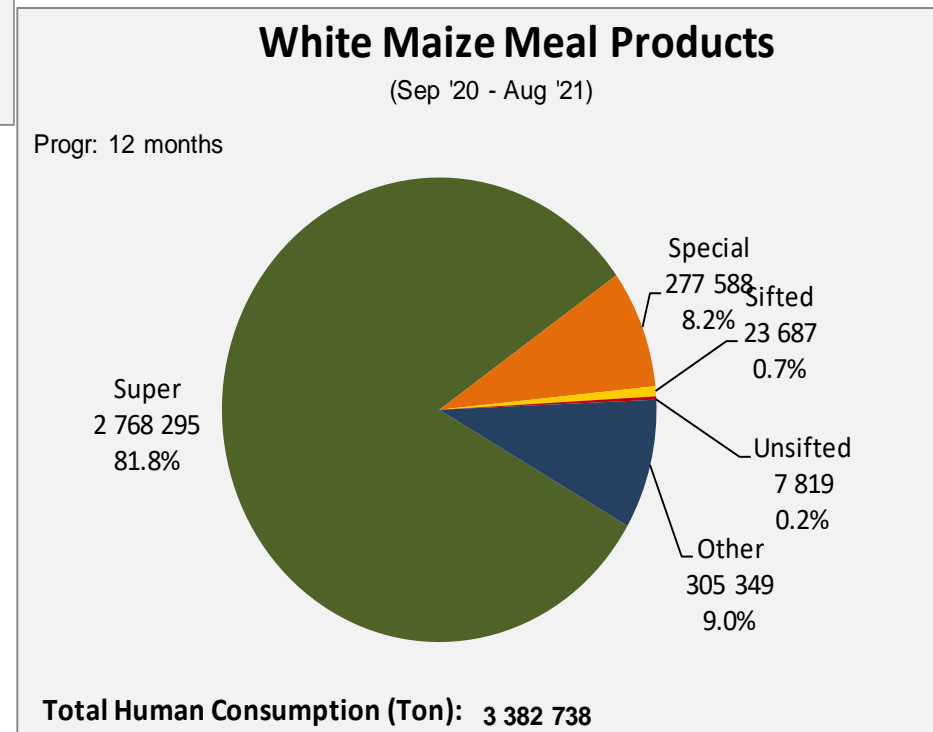
Maize Products Exported	Aug '21			Progr. Sep '20 - Aug '21 (12 months)			% of Total (12 months)		
	Ton								
	White Maize	Yellow Maize	Total Maize	White Maize	Yellow Maize	Total Maize	White Maize	Yellow Maize	Total Maize
Maize Chop	0	4	4	317	4	321	0	0	0
Maize Rice	0	*	0	7		7	0	*	0
Maize Grits	0	*	0	0		0	0	*	0
Samp	148	*	148	1 178		1 178	1	*	1
* Total Yellow Maize Rice / Maize Grits / Samp		1 175	1 175	0	29 846	29 846	0	53	16
Sifted Maize Meal	0	4 110	4 110	0	16 084	16 084	0	28	9
Special Maize Meal	483	0	483	11 706	0	11 706			
Super Maize Meal	3 484	79	3 563	76 201	5 111	81 312	60	9	44
Unsifted Maize Meal	0	0	0	0	0	0	0	0	0
Other maize products intended for Human consumption	2 909	0	2 909	37 596	5 475	43 071	30	10	23
Total	7 024	5 368	12 392	127 005	56 520	183 525	91	100	94



White Maize Products (Excl. Maize Chop)

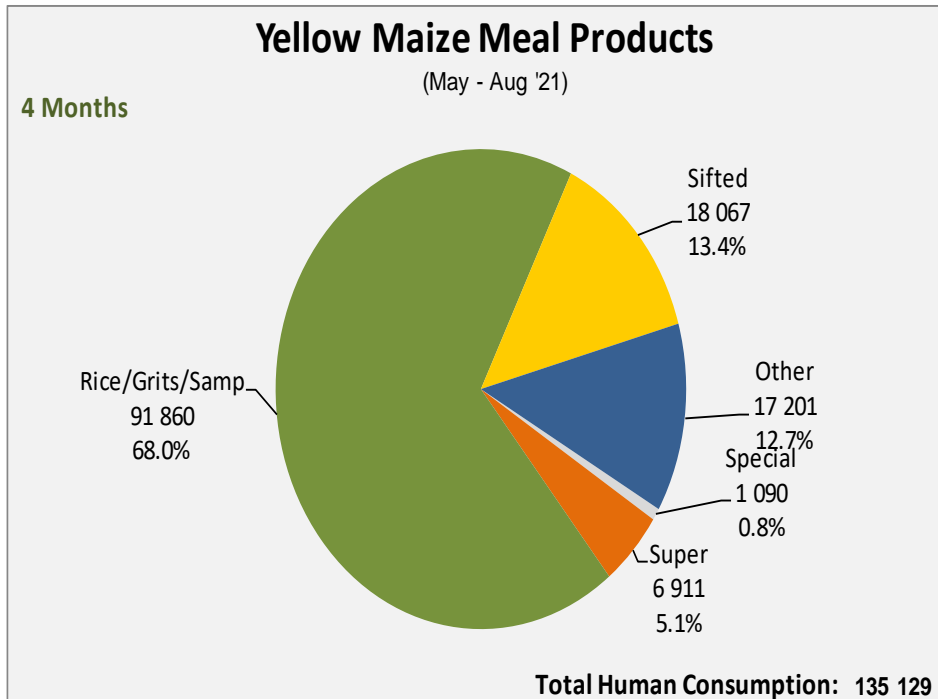


Progr. May – Aug '21 (4 months)

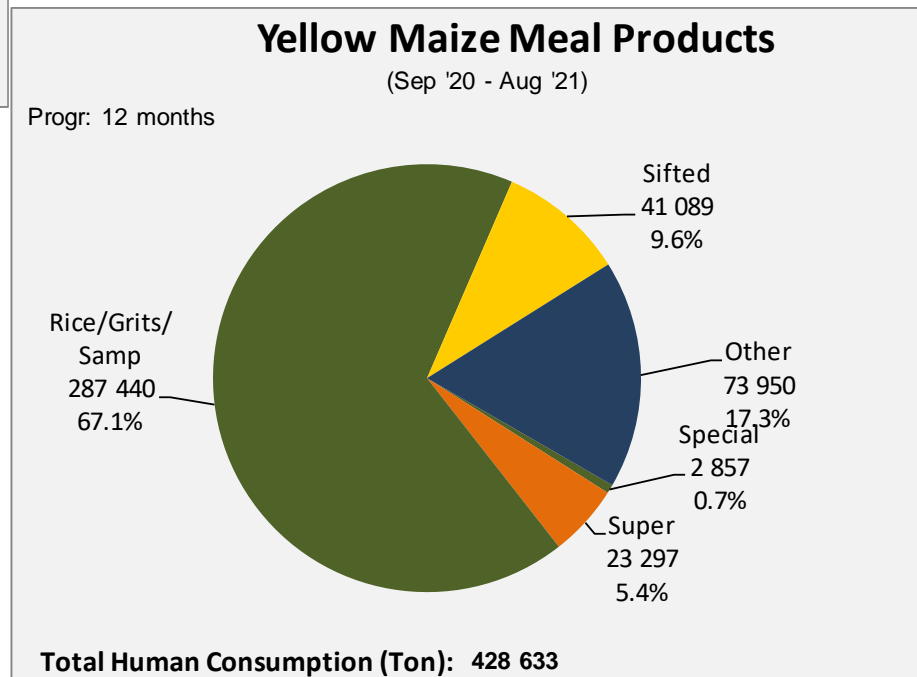


Sep '20 – Aug '21 (12 months)

Yellow Maize Products (Excl. Maize Chop)



Progr. May – Aug '21 (4 months)



Oct '20 – Aug '21 (12 months)

Maize Products: **Per capita consumption**

Progr. Sep '20 - Aug '21 (12 months)

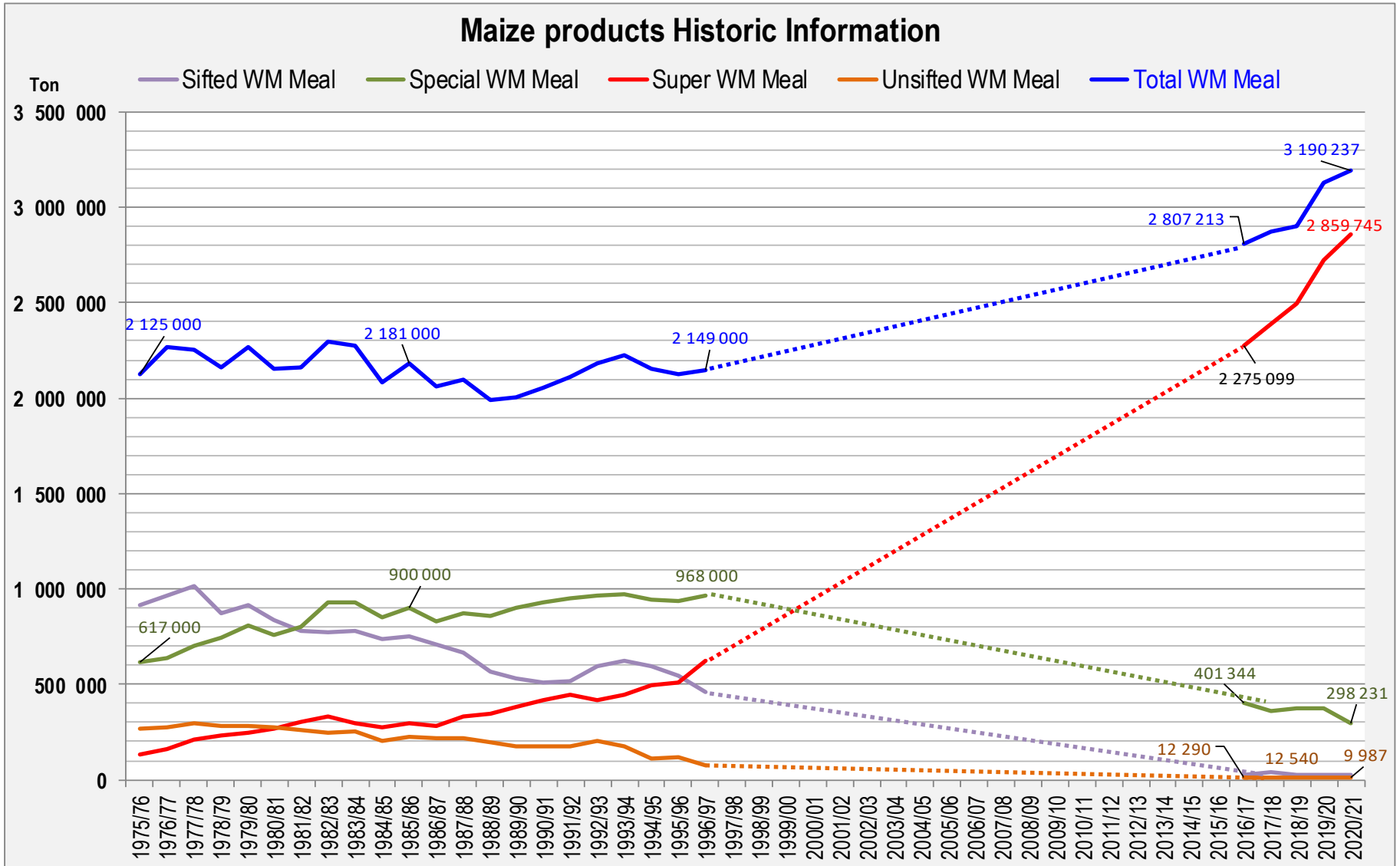
Per capita consumption	Total Maize products	Total Wheaten products	Total Oilseeds products
12 months (Sep '20 - Aug '21)			
Manufactured	3 811 371	3 383 792	2 274 504
+ Imports	5 066	28 232	1 129 144
- Exports	-183 204	-21 145	-93 900
Total "consumed"	3 633 233	3 390 879	3 309 748
Total population	59 622 000	59 622 000	59 622 000
Per capita consumption (Kg)	60.94	56.87	55.51

Note: Maize = Total less chop

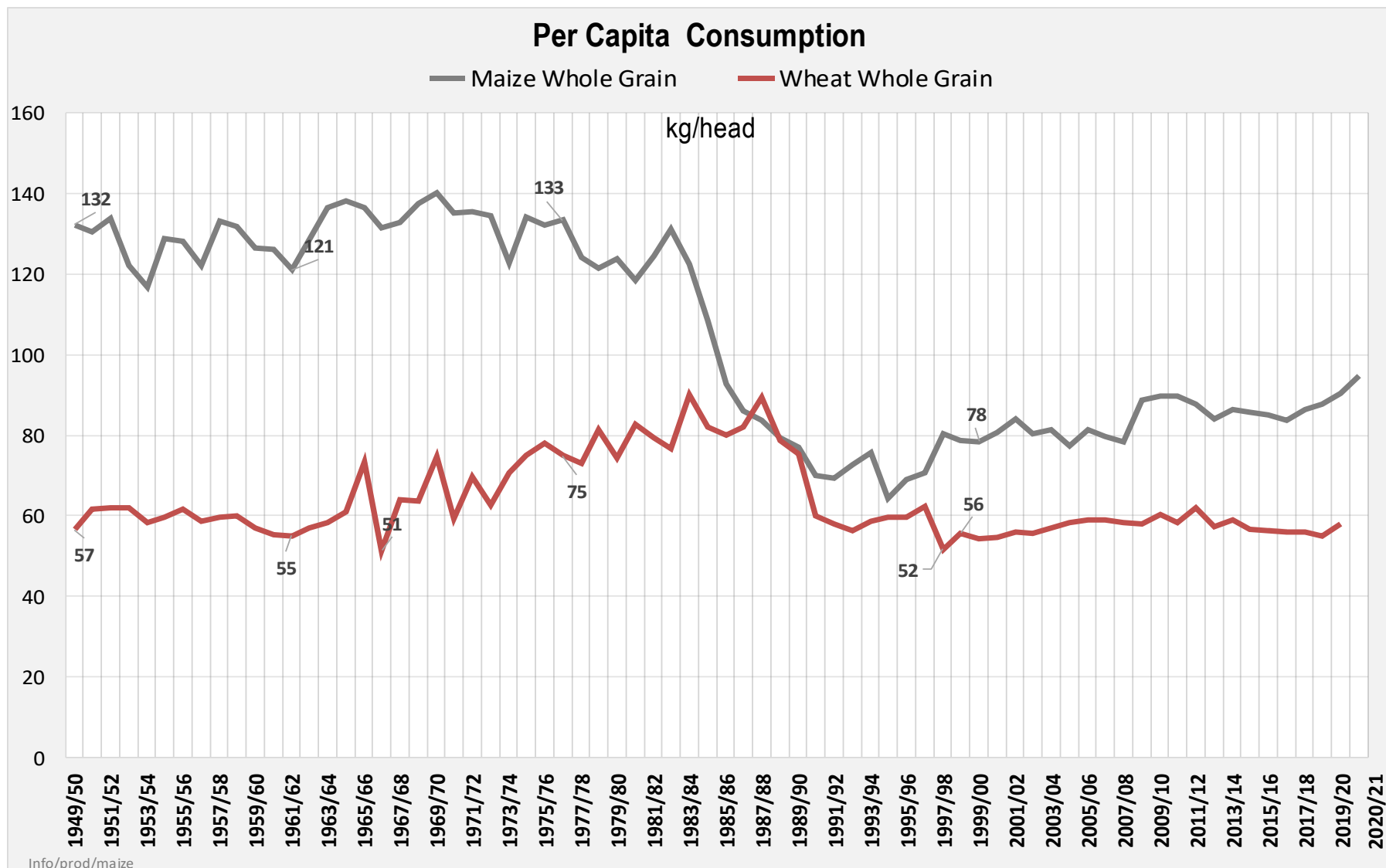


White Maize Products: Historic Info

1949/50 – 2020/21



Maize vs Wheat whole grain per capita: Historic Info 1949/50 – 2020/21



Maize products: Year on year price changes

		September				
		2021	% Year	2020	% Year	2019
		Price R	on Year	Price R	on Year	Price R
Super Maize	5kg	49.47	10.23	44.88	5.82	42.41
Special Maize	2.5kg	27.67	22.71	22.55	4.45	21.59
*White Maize Safex		3 099.71	-5.30	3 273.29	17.99	2 774.25

* Average spot price

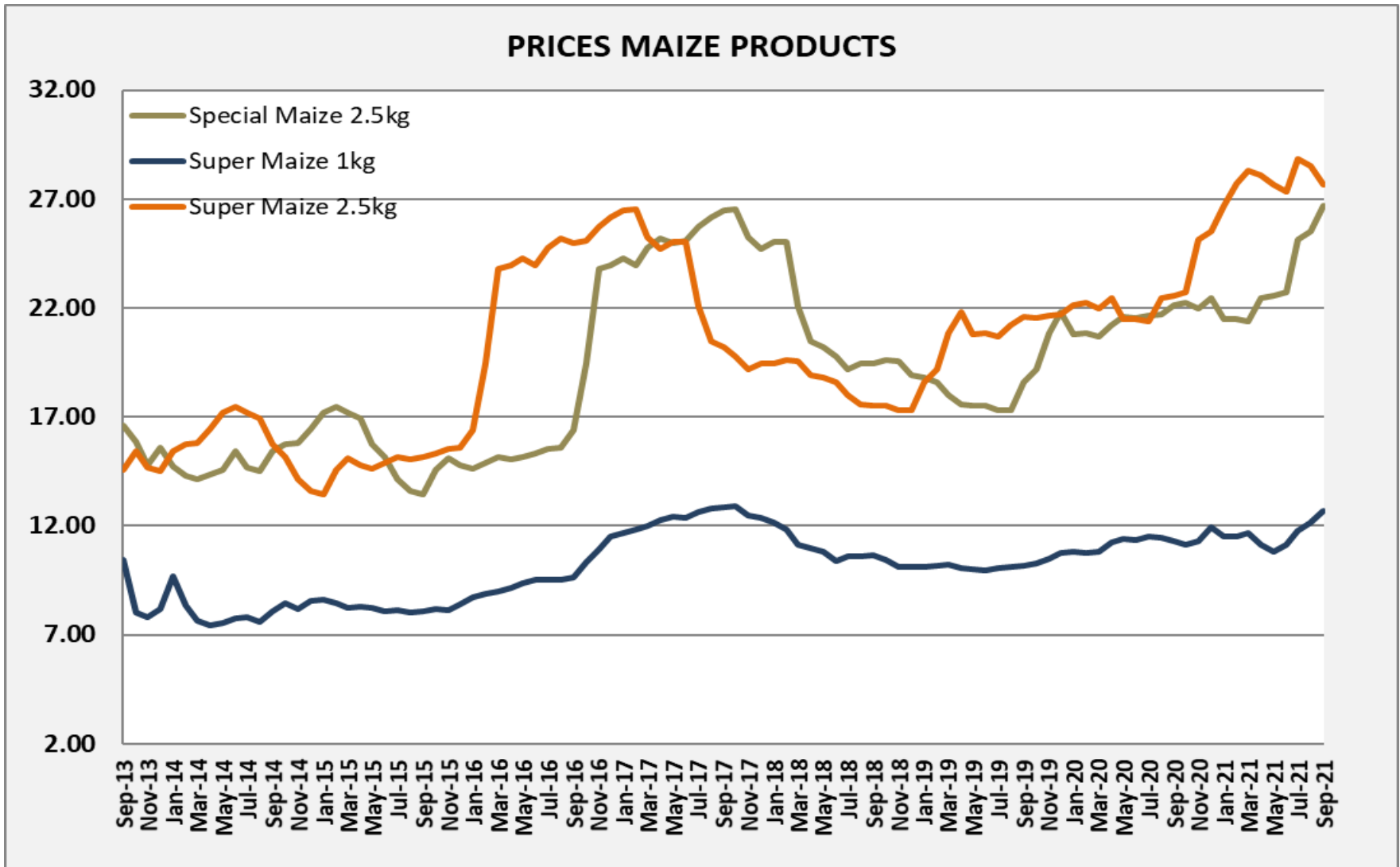
Source: SA Statistics & JSE Safex



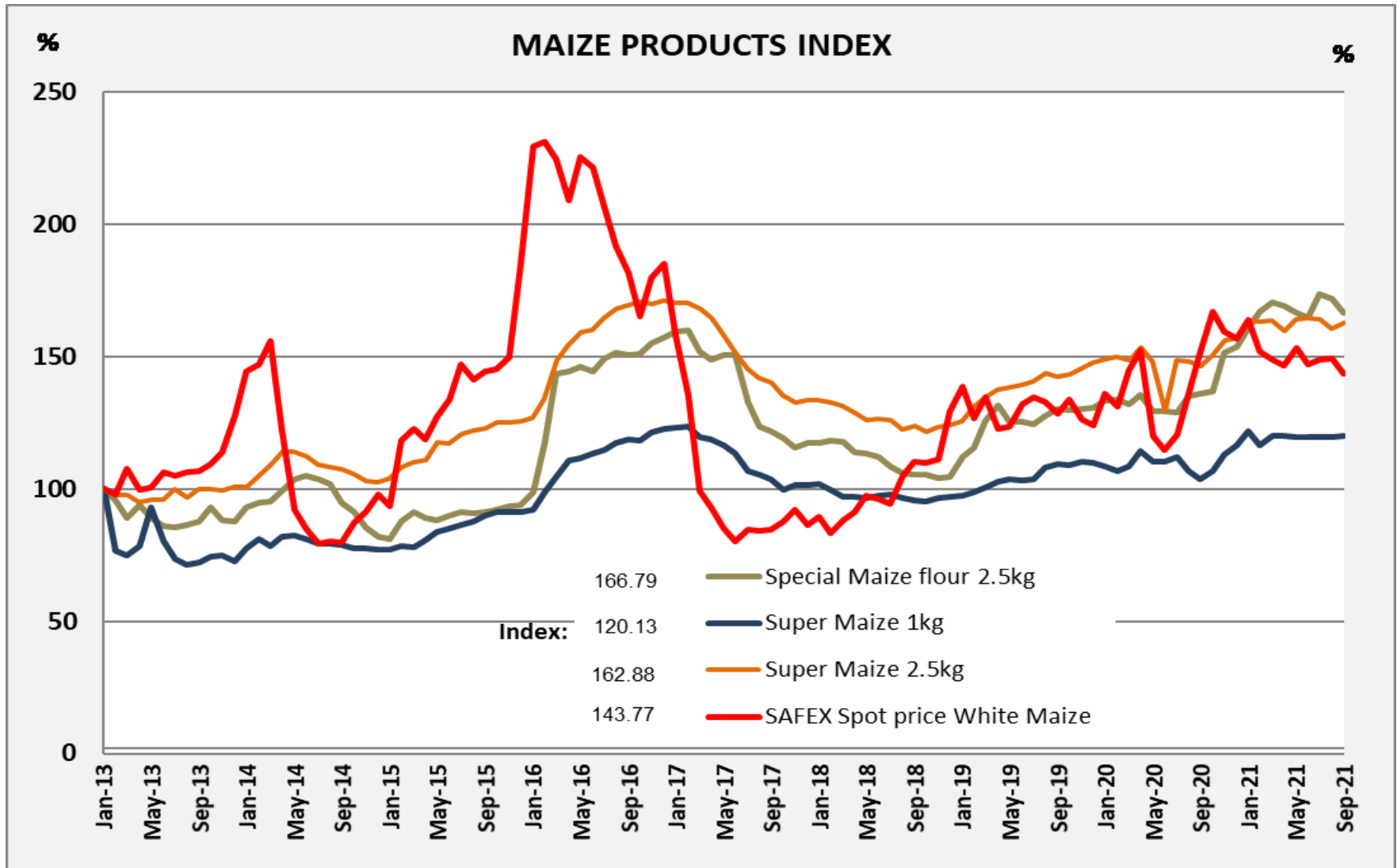
The South Africa I know, the home I understand



Maize Products: Prices



Maize Products: Index



Maize Products: Inspection

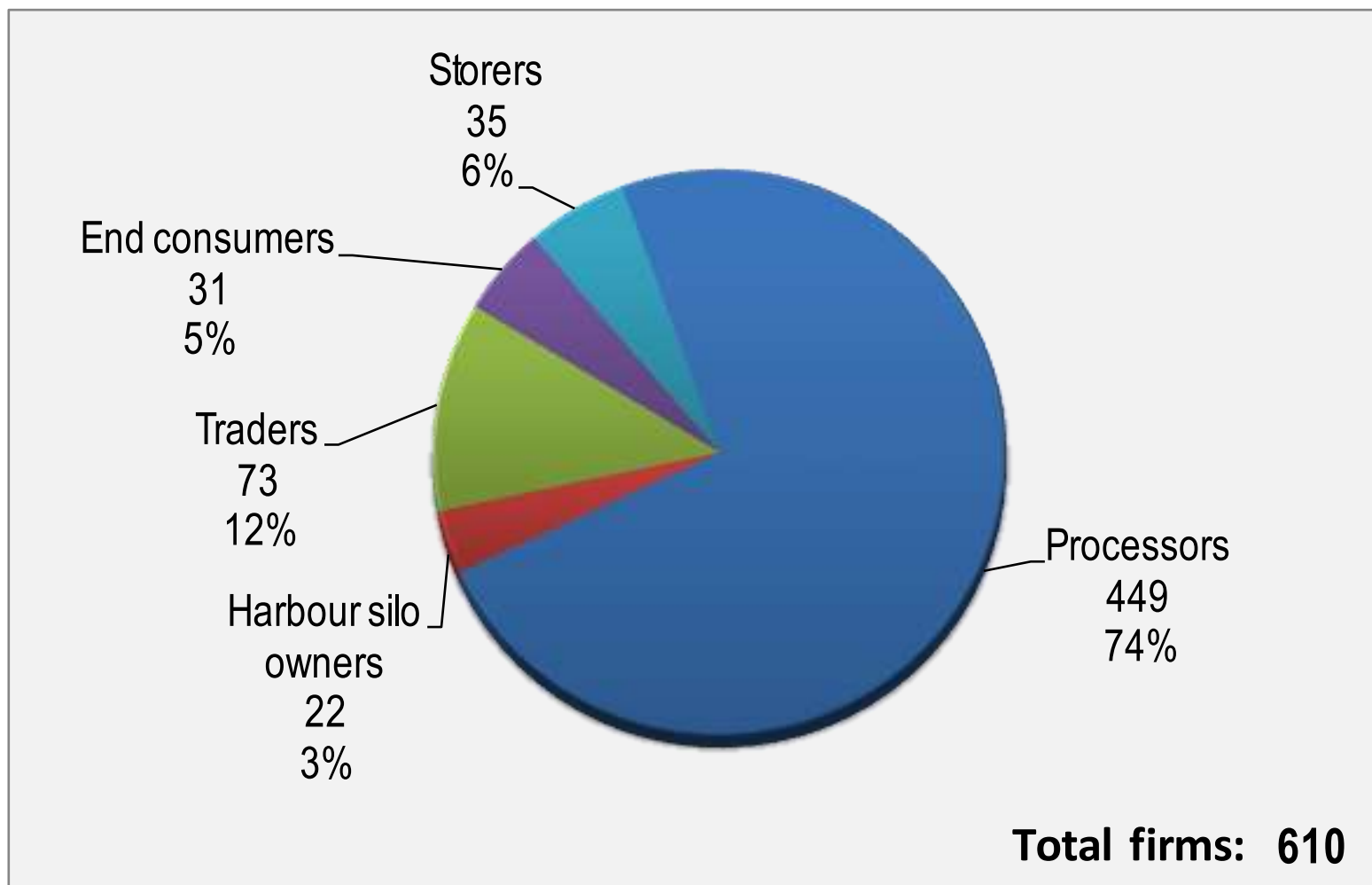
March - September *												
	Mass over declared		Mass under declared		Total mass declared incorrect		Total received audited		Mass declared incorrect as % of total received		Net effect of (under) / over declared	
	Ton								%		Ton	
	a	b	c	d	e	f	g	h	e : g	f : h	a - c	b - d
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
Maize (white)	1 831	2 145	2 168	3 220	3 999	5 365	1 434 178	1 971 079	0.3	0.3	(337)	(1 075)
Maize (yellow)	2 329	7 926	2 551	8 267	4 880	16 193	2 717 486	1 970 984	0.2	0.8	(222)	(341)

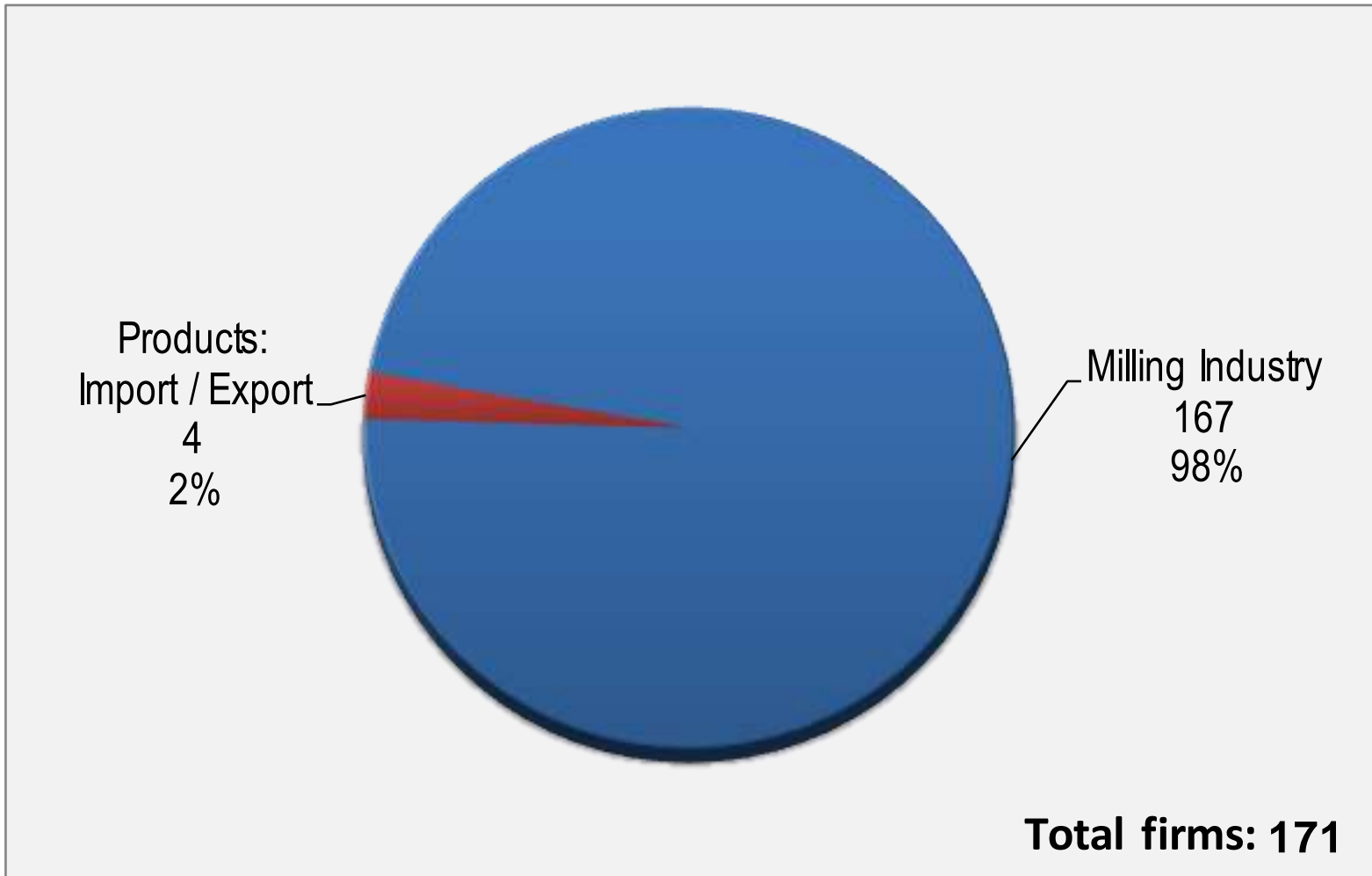
* Progressive figures for the same period each year.

The background is a collage of four images related to maize. Top left: A conveyor belt system with a truck. Top right: A white semi-truck with a trailer. Middle: A large cargo ship on the water. Bottom: A row of white cylindrical silos. In the center, the text 'Maize General' is written in a bold, green, sans-serif font.

Maize General

Co-workers : Whole Grain





Board of Directors

As from 22 July 2021 The Maize Industry is represented by:



Director

Mr Z Ngejane



Vice-Chairperson

Mr C Schoonwinkel



Alternate Director

Mr DJM Mathews



Dr Erhard Briedenhann
Oil & Protein Seeds Dev. Trust
(Chairperson)

Gratitude

The following parties makes it possible for SAGIS to fulfil our commitments:

- The Maize Trust
- The Maize Forum
- Relevant Associations
- Board of Directors
- Co-workers
- Staff

Thank you

Note:

This presentation is available on SAGIS' website
under Presentations