

## ANNUAL SUMMARY OF AGRICULTURAL DATA FOR THE SUGARCANE CROP 1950-1951

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During the 1950-51 crop a total of 5,721,390 tons of cane were crushed to make 685,798 tons—a record for South Africa. The “Special Census of Sugarcane Plantations 1950-51” of the Government Department of Census returns deals with European planters only, and accounts for 96 per cent. of cane harvested by Europeans, or 88.87 per cent. of the total crop.

According to this special census, 5,084,473 tons of cane were harvested from 192,492 acres with an average yield per acre of 26.41 tons; returns from 779 individuals were received. It is now possible to calculate the total area harvested by assuming the same average yield of 26.41 tons per acre to apply to the whole industry. If that were done the total area harvested is found to be 216,637 acres—an appreciable increase over that of the previous year. Similarly the area under cane on 30th April, 1951, will be increased from 387,076 acres as given in the census returns to a total of 435,628 acres.

The following table clearly shows the increase in the area in acres under cane and the area harvested during recent years:—

<u>Year</u>	<u>Area under cane</u>	<u>Area harvested</u>
1945-46 ... ..	376,287	179,263
1946-47 ... ..	378,921	181,435
1947-48 ... ..	387,475	185,667
1948-49 ... ..	406,176	194,632
1949-50 ... ..	421,249	199,578
1950-51 ... ..	435,628	216,637

The assumption that the yield of cane per acre for the whole industry, and for Europeans reporting to the Census, is the same, is of course not strictly correct, because it is known that the yield per acre for non-European planters is appreciably lower, yet because only a small proportion of cane is produced by these growers the error is small.

The Sugar Industry Central Board in its “Survey of Cane Production” dated 2nd April, 1952, differentiates between European growers, European miller-cum-planter, Indian and Bantu growers and it is therefore possible to give the percentage of crop produced by these groups and also the average yields per acre.

	<u>Percent. of crop.</u>
European planters . . . . .	63.4
European miller-cum-planter companies ...	29.0
Bantu planters ... ..	0.9
Indian and others... ..	6.7

The average relative yields obtained were as follows:—

	<u>Tons cane per acre</u>
European planters . . . . .	26.70
European miller-cum-planter companies ...	26.42
Bantu planters ... ..	18.11
Indian and others... ..	17.60

The average yield for Europeans, including both planters and miller-cum-planter according to the data obtained from the Central Board is 26.61 tons per acre which does not differ greatly from the Government census figure of 26.41. According to the Central Board the average yield for the whole industry was 25.61 tons cane per acre.

The average yield of cane per acre, 26.41 tons, although by no means near a record is nevertheless a big improvement on that of the previous year when it was 24.70 tons per acre, and 1950, according to rainfall data, was a very dry year whereas 1949 had a rainfall above the average. The rainfall during a calendar year is, however, by no means an ideal yardstick to measure the crop yield during that year. Not only is sugarcane in South Africa mainly a two year crop as is shown by the fact that practically half the total area under cane is cut each year, but a drought experienced from September to the end of the year (and the spring of 1950 was exceptionally dry) will affect mainly the crop for the following year and, in fact, the year after. When in future monthly rainfall data are available from the Industry it will be possible to study the effect of rainfall on the crop yields far better. Undoubtedly the 1950 crop benefited from the good rainfall in 1949 and the 1951 crop which is estimated by the Central Board to have yielded only 22.48 tons per acre, suffered from the droughts of 1950 and 1951.

The following table shows the average yields as given by Government Census together with average rainfall from 44 centres for the past nine years:—

Year	Yield tons per acre	Rainfall in inches
1943 ... ..	30.87	53.31
1944 ... ..	29.08	36.45
1945 ... ..	25.70	31.99
1946 ... ..	21.99	32.02
1947 ... ..	24.47	44.83
1948 ... ..	26.80	35.25
1949 ... ..	24.70	43.35
1950 ... ..	26.41	30.70
1951 (estimate)...	22.48	35.10

The yields during the year now under review have been particularly poor on the South Coast and well below the normal of recent years at Inanda. In fact Inanda, with an average yield of 28.36 tons per acre, for the first time in twelve years loses its position as the highest yield district to Lower Umfolozi and Hlabisa districts with average yields of 31.57 and 31.51 tons cane per acre respectively. The Piet Retief district, with a negligible acreage under cane, is not taken into consideration here.

The yield per acre on the South Coast was 19.23 tons or lower than in 1949 and the South Coast only produced 15.9 per cent. of the total cane tonnage of the industry. This is by far the lowest relative percentage of the cane crop produced by the South Coast since these records were first compiled in 1926; the South Coast produced as much as 27.9 per cent. of the total crop in 1932. In contrast to the area south of Lower Tugela, Zululand had a really good year and averaged 29.05 tons cane per acre to produce the record of 41.2 per cent. of the total crop.

Although, as has been pointed out, rainfall totals per calendar year are not ideal for explaining crop variations, the rainfall totals during 1949 and 1950 certainly show that Zululand had very favourable seasons compared with the South Coast and Inanda. Thus for 1949 we find that—

	Average rainfall for 1949 in inches.	Average for years 1929-49 inclusive in inches.	1949 rainfall as per cent. of normal.
South Coast—mean of 7 stations south of Durban . ...	35.98	40.78	88.2
Durban to Chaka's Kraal—mean of 19 stations ... ..	40.35	39.61	101.9
Riet Valley to Riverview—mean of 18 stations ... ..	49.39	42.34	116.6
Weighted average ... ..	43.35	40.91	106.0

For 1950 the rainfall distribution was as follows—

	Average rainfall for 1949 in inches.	Average for years 1929-49 inclusive in inches.	1949 rainfall as per cent. of normal.
South Coast—mean of 9 stations south of Umgeni ...	32.15	41.07	78.28
North Coast—mean of 21 stations between Umgeni and Tugela ... ..	27.85	39.19	71.07
Zululand—mean of 14 stations north of Tugela ... ..	34.04	41.94	81.16
Weighted average ... ..	30.70	40.45	75.90

Of the four main varieties now grown, the yields obtained from N:Co.310 and Co.331 during 1950-51 were really satisfactory, as is shown:

	Yield in tons cane per acre		
	1948	1949	1950
Co.281 ... ..	25.29	21.94	21.78
Co.301 ... ..	28.90	27.17	26.80
Co.331 ... ..	34.07	29.07	32.25
N:Co.310 ... ..	33.07	35.55	39.36

The rather large proportion of older ratoons of Co.281 and to a lesser extent Co.301 certainly had a depressing effect on the average yield, but even if the yields are judged on plant cane only N:Co.310 shows its marked superiority and the Co.331 also gives very good yields.

	Area plant cane harvested	Yields in tons per acre	Yields per cent. General Mean
Co.281... ..	14,595	26.13	79.6
Co.301... ..	21,286	30.49	92.8
Co.331... ..	8,847	34.32	104.5
N:Co.310 ... ..	18,588	39.69	120.9
General mean all varieties ... ..	64,191	32.84	100.0

The average yield per acre of N:Co.310 in plant cane was in fact 151.9 per cent. of that of Co.281 and it is, of course, well known that N:Co.310 has a higher sucrose content than the other more popular varieties. This variety is, therefore, gaining very rapidly in popularity and Co.331 which was neglected for some years after its release is also being planted much more extensively now, as is shown by the following table which gives the percentage areas of the various varieties under cane on 30th April each year—

	1947	1948	1949	1950	1951
Co.281... ..	65.5	60.9	52.9	41.4	29.1
Co.301... ..	28.7	32.2	33.8	35.3	35.5
Co.331... ..	1.6	2.9	5.2	9.4	13.5
N:Co.310 ... ..	—	0.8	5.8	12.1	20.7
Other varieties	4.2	3.2	2.3	1.8	1.2

If the area under plant cane, only, on 30th April 1951 is examined the extent of the changeover from Co.281 and to a lesser extent Co.301 to N:Co.310 and Co.331 is even more striking.

	Percentage of Total Area	
	Harvested 1950-51	Plant Cane 30th April 1951
Co.281 ... ..	45.0	8.5
Co.301 ... ..	34.9	26.5
Co.331 ... ..	7.0	23.6
N:Co.310 . . . .	10.6	40.9
Other varieties ...	2.5	0.5

If the area harvested during the 1950-51 season had consisted of 40.9 per cent. N:Co.310 and only 8.5 per cent. Co.281, or in other words if, as will undoubtedly be the case in a few years time, the present area under plant cane becomes more or less the area harvested, then the yield would have been 29.0 tons per acre instead of 26.41 tons under similar weather conditions which were, of course, far from favourable.

Further useful data given by the "Special Census" include the following:

Total area of farms . . . . .	800,973 acres
Total area under cane at 30th April, 1951... ..	387,076 acres
Area still suitable for cane ... ..	80,062 acres
Area ploughed out and long fallow ... ..	45,810 acres
Area ploughed out and short fallow ... ..	33,806 acres
Virgin land planted . . . . .	10,768 acres
Average age of cane ploughed out ... ..	6.38 years

The area planted this season, therefore, consists of 33,806 acres short fallow, 10,768 acres virgin land and 41,842 acres long fallow of the year before, making a total of 86,416 acres, or converting it as before for the whole industry 95,496 acres out of a total of 435,628 acres under cane. The total calculated area of plant cane in the industry on 30th April, 1951, was 154,685 acres leaving 280,946 acres of ratoons.

The fertilizer allocations to the industry in recent years were as follows:

	Tons phosphates and mixtures	Tons nitrogenous fertilizer as N
1949 ... ..	30,000	1,070
1950 ... ..	51,500	960
1951 ... ..	47,000	1,600
1952 ... ..	50,187	1,770

It is, at the moment, impossible to assess how much straight phosphatic fertilizers and how much mixtures were used but it does seem obvious that the amount of nitrogenous fertilizers used is far from sufficient. Hardly any straight potassic fertilizers were used in recent years, but now that it has become obvious that some soils are deficient in potash the use of this fertilizer is likely to increase. It is known that for 1952 a total of 350 tons of muriate of potash has been reserved for the planters only, and it is possible that further allocations will be made as the need arises. There can be no doubt that better yields can be obtained if adequate amounts of fertilizer are applied.

**AREA OF CANE HARVESTED AND YIELDS FOR DIFFERENT VARIETIES AND RATOONS.  
(EUROPEAN PLANTERS ONLY) 1950—51.**

**COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.**

VARIETY.	PLANT CANE		FIRST RATOON		SECOND RATOON		THIRD RATOON		FOURTH RATOON		OTHER RATOONS		TOTAL	
	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.
Uba ... ..	19	16.32	20	8.90	22	23.91	10	21.00	67	8.39	189	10.79	327	11.70
Co.281 ... ..	14,595	26.13	20,789	24.00	19,887	21.03	17,656	18.92	8,306	18.04	5,455	19.44	86,688	21.78
Co.290 ... ..	333	28.11	357	23.15	224	27.55	132	33.45	62	28.42	459	33.10	1,567	28.82
Co.301 ... ..	21,286	30.49	20,725	26.91	14,087	24.61	8,153	21.96	1,827	20.94	1,143	27.25	67,221	26.80
Co.331 ... ..	8,847	34.32	3,431	28.64	1,049	27.08	139	29.72	33	17.73	35	41.37	13,534	32.25
N:Co.310 ... ..	18,588	39.69	1,425	36.38	268	32.81	44	35.25	—	—	—	—	20,325	39.36
P.O.J.2725 and 2878 .	471	51.60	364	38.67	661	41.66	365	33.47	263	29.24	645	32.00	2,769	38.45
Other Varieties ... ..	52	40.37	4	33.00	5	38.00	—	—	—	—	—	—	61	39.69
<b>Total</b> ... ..	<b>64,191</b>	<b>32.84</b>	<b>47,115</b>	<b>26.09</b>	<b>36,203</b>	<b>23.11</b>	<b>26,499</b>	<b>20.21</b>	<b>10,558</b>	<b>18.82</b>	<b>7,926</b>	<b>22.27</b>	<b>192,492</b>	<b>26.41</b>

## AREA OF CANE HARVESTED AND YIELDS BY DISTRICTS (EUROPEAN PLANTERS ONLY) 1950—51.

COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.

DISTRICTS.	UBA.		Co.281.		Co.290.		Co.301.		Co.331.		N:Co.310		P.O.J.2725 and 2878.	
	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.	Acres.	Tons/ acre.
PORT SHEPSTONE ... ..	—	—	4,072	18.51	—	—	163	27.24	1	30.00	95	36.77	—	—
UMZINTO ... ..	63	12.13	14,087	15.37	67	9.97	12,245	22.18	1,013	25.06	1,328	15.88	46	31.57
DURBAN AND PINETOWN ... ..	—	—	3,678	16.50	50	38.10	3,510	21.79	741	22.77	990	34.21	—	—
<b>Total South of Umgeni River ...</b>	63	12.13	21,837	16.15	117	21.99	15,918	22.14	1,755	24.10	2,413	24.22	46	31.57
INANDA ... ..	212	11.50	8,439	22.66	51	24.61	8,166	29.60	925	34.43	3,899	37.63	13	26.54
LOWER TUGELA ... ..	14	16.21	15,229	19.03	705	25.77	30,288	28.24	4,554	34.94	5,612	41.89	94	44.72
<b>Total for North Coast between Umgeni and Tugela Rivers...</b>	226	11.79	23,668	20.32	756	25.69	38,454	28.53	5,479	34.85	9,511	40.14	107	39.23
<b>Total for Natal South of the Tugela</b>	289	11.86	45,505	18.32	873	25.19	54,372	26.66	7,234	32.24	11,924	36.92	153	39.23
MTUNZINI ... ..	38	10.47	13,977	23.72	238	39.11	4,353	27.54	3,076	29.01	2,771	36.11	58	36.33
ESHOWE ... ..	—	—	6,812	22.54	101	30.27	2,457	28.58	1,815	34.15	694	35.22	187	29.81
LOWER UMFOLOZI ... ..	—	—	16,536	28.51	38	25.74	5,646	26.51	1,228	37.24	4,043	46.78	1,641	38.15
HLABISA ... ..	—	—	3,727	25.03	317	31.02	299	27.96	158	33.58	883	51.69	718	41.55
PIET RETIEF ... ..	—	—	131	38.25	—	—	94	43.85	23	37.22	10	51.70	12	29.33
<b>Total North of the Tugela</b>	38	10.47	41,183	25.61	694	33.39	12,849	27.42	6,300	32.26	8,401	42.83	2,616	38.40
<b>TOTAL FOR UNION ... ..</b>	327	11.70	86,688	21.78	1,567	28.82	67,221	26.80	13,534	33.25	20,325	39.36	2,769	38.45

# YIELDS OF CANE HARVESTED BY DISTRICTS (EUROPEAN PLANTERS ONLY).

COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.

DISTRICT.	TONS CANE PER ACRE.												
	1938.	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949.	1950.
PORT SHEPSTONE ... ..	29.33	26.52	18.15	13.73	23.08	31.32	22.95	19.18	19.26	22.68	21.45	19.42	19.24
UMZINTO ... ..	23.50	25.94	23.02	16.47	20.20	24.68	24.18	19.51	17.59	19.70	22.13	19.76	18.63
DURBAN AND PINETOWN ... ..	27.65	31.76	24.74	20.28	25.63	24.01	24.16	20.11	19.05	20.47	20.69	18.66	21.16
<b>Total South of Umgeni River...</b>	<b>24.65</b>	<b>27.00</b>	<b>22.83</b>	<b>17.05</b>	<b>21.48</b>	<b>25.07</b>	<b>24.07</b>	<b>19.59</b>	<b>18.01</b>	<b>20.12</b>	<b>21.79</b>	<b>19.48</b>	<b>19.23</b>
Ratio to 1926 (= 100) ... ..	133.68	146.42	123.81	92.46	116.49	135.95	130.53	106.24	97.67	109.11	118.17	105.64	104.28
INANDA ... ..	31.27	36.57	33.24	28.20	32.94	40.45	37.51	32.32	27.20	30.42	31.58	29.10	28.36
LOWER TUGELA ... ..	25.19	29.51	27.35	21.30	24.42	31.10	29.49	26.58	22.77	24.90	27.78	25.85	27.66
<b>Total for North Coast between Umgeni and Tugela Rivers ...</b>	<b>27.19</b>	<b>31.89</b>	<b>29.35</b>	<b>23.64</b>	<b>27.31</b>	<b>34.09</b>	<b>32.14</b>	<b>28.57</b>	<b>24.23</b>	<b>26.72</b>	<b>29.03</b>	<b>26.92</b>	<b>27.85</b>
Ratio to 1926 (= 100) ... ..	146.10	171.36	157.71	127.03	146.75	183.18	172.70	153.52	130.20	143.58	155.99	144.65	149.65
<b>Total for Natal South of the Tugela</b>	<b>26.27</b>	<b>30.07</b>	<b>26.87</b>	<b>21.18</b>	<b>25.18</b>	<b>30.64</b>	<b>29.08</b>	<b>25.35</b>	<b>21.90</b>	<b>24.43</b>	<b>26.41</b>	<b>24.23</b>	<b>24.84</b>
Ratio to 1926 (= 100) ... ..	141.62	162.10	144.85	114.18	135.74	165.18	156.77	136.66	118.06	131.70	142.37	130.62	133.91
MTUNZINI ... ..	24.67	27.86	27.06	22.67	24.96	30.71	27.19	23.73	18.02	22.01	25.47	24.11	26.62
ESHOWE ... ..	28.03	29.89	26.62	23.53	25.11	27.46	27.27	22.68	20.27	21.35	24.34	23.13	26.42
LOWER UMFOLOZI ... ..	34.40	33.25	31.00	26.10	26.51	33.45	31.47	30.07	25.83	27.39	30.11	27.45	31.57
HLABISA ... ..	30.91	28.81	29.60	26.31	29.84	30.79	29.00	25.52	23.68	25.64	27.52	25.75	31.51
PIET RETIEF ... ..	—	—	—	—	—	—	—	—	39.16	38.15	48.11	39.52	40.21
<b>Total North of the Tugela ... ..</b>	<b>29.62</b>	<b>30.51</b>	<b>28.91</b>	<b>24.55</b>	<b>26.09</b>	<b>31.28</b>	<b>29.08</b>	<b>26.30</b>	<b>22.15</b>	<b>24.54</b>	<b>27.46</b>	<b>25.49</b>	<b>29.05</b>
Ratio to 1926 (= 100) ... ..	124.30	128.03	121.32	103.02	109.48	131.26	122.03	110.37	92.95	102.98	115.23	106.97	121.91
<b>GRAND TOTAL FOR UNION ... ..</b>	<b>27.37</b>	<b>30.22</b>	<b>27.55</b>	<b>22.36</b>	<b>25.49</b>	<b>30.87</b>	<b>29.08</b>	<b>25.70</b>	<b>21.99</b>	<b>24.47</b>	<b>26.80</b>	<b>24.70</b>	<b>26.41</b>
Ratio to 1926 (= 100) ... ..	133.90	147.85	134.78	109.38	124.71	151.03	142.27	125.73	107.58	119.72	131.12	120.84	129.21
Rainfall of all Districts (inches) <i>(Average from 44 centres).</i>	40.33	47.68	43.48	26.18	49.40	53.31	36.45	31.99	32.02	44.83	35.25	43.35	30.70

**YIELDS OF CANE HARVESTED BY DISTRICTS (EUROPEAN PLANTERS ONLY).**  
**COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.**

DISTRICT.	PER CENT. OF TOTAL TONNAGE.												
	1938.	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949.	1950.
PORT SHEPSTONE . . . . .	1.8	1.8	1.7	1.2	2.0	2.0	1.6	1.3	1.8	1.9	1.8	1.8	1.6
UMZINTO ... ..	15.7	15.4	15.3	12.7	13.7	14.1	14.9	12.6	13.9	12.8	13.5	12.2	10.6
DURBAN AND PINETOWN ... ..	4.4	4.4	4.0	4.7	4.5	4.0	3.4	3.2	3.9	3.7	3.3	4.0	3.7
<b>Total South of Umgeni River</b> ... ..	<b>21.9</b>	<b>21.6</b>	<b>21.0</b>	<b>18.6</b>	<b>20.1</b>	<b>20.1</b>	<b>19.9</b>	<b>17.2</b>	<b>19.6</b>	<b>18.3</b>	<b>18.6</b>	<b>17.9</b>	<b>15.9</b>
INANDA ... ..	16.2	16.7	17.0	17.4	18.2	16.8	16.8	17.6	16.4	17.1	15.7	15.6	12.1
LOWER TUGELA ... ..	26.5	26.5	27.1	25.6	26.3	27.5	26.7	27.2	27.9	28.7	28.2	28.3	30.8
<b>Total for North Coast between Umgeni and Tugela Rivers</b> ... ..	<b>42.7</b>	<b>43.2</b>	<b>44.1</b>	<b>43.0</b>	<b>44.4</b>	<b>44.3</b>	<b>43.5</b>	<b>44.8</b>	<b>44.3</b>	<b>45.8</b>	<b>43.9</b>	<b>44.0</b>	<b>42.9</b>
<b>Total for Natal South of the Tugela</b> ... ..	<b>64.6</b>	<b>64.8</b>	<b>65.1</b>	<b>61.6</b>	<b>64.6</b>	<b>64.4</b>	<b>63.4</b>	<b>62.0</b>	<b>63.9</b>	<b>64.1</b>	<b>62.5</b>	<b>61.9</b>	<b>58.8</b>
MTUNZINI ... ..	10.9	10.9	10.6	11.8	10.7	11.0	11.4	11.1	9.6	10.3	11.5	12.1	12.8
ESHOWE ... ..	4.6	5.0	5.0	6.0	5.7	5.5	6.0	5.6	5.7	5.4	5.8	6.0	6.3
LOWER UMFOLOZI . . . . .	16.6	16.0	16.0	16.7	15.4	15.6	15.7	17.7	16.6	16.2	16.7	16.2	18.1
HLABISA ... ..	3.3	3.2	3.3	3.8	3.6	3.5	3.5	3.7	3.9	3.6	3.2	3.5	3.8
PIET RETIEF ... ..	—	—	—	—	—	—	—	—	0.3	0.5	0.4	0.3	0.2
<b>Total North of the Tugela</b> ... ..	<b>35.4</b>	<b>35.1</b>	<b>34.9</b>	<b>38.4</b>	<b>35.4</b>	<b>35.6</b>	<b>36.6</b>	<b>38.0</b>	<b>36.1</b>	<b>35.9</b>	<b>37.5</b>	<b>38.1</b>	<b>41.2</b>
<b>GRAND TOTAL FOR UNION</b> ... ..	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

# YIELDS OF CANE HARVESTED BY DISTRICTS (EUROPEAN PLANTERS ONLY).

COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.

DISTRICT.	YIELD OF CANE IN TONS.										
	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949	1950.
PORT SHEPSTONE ... ..	81,811	43,704	84,444	97,113	79,993	57,630	67,743	78,890	82,835	80,330	83,333
UMZINTO ... ..	733,332	457,518	582,516	682,713	728,879	528,593	515,571	532,675	624,009	555,307	537,457
DURBAN AND PINETOWN ... ..	193,938	167,970	191,737	195,923	165,164	136,253	146,087	153,073	152,443	179,668	189,824
<b>Total South of Umgeni River...</b>	<b>1,009,081</b>	<b>669,192</b>	<b>858,697</b>	<b>975,749</b>	<b>974,036</b>	<b>722,476</b>	<b>729,401</b>	<b>764,638</b>	<b>859,287</b>	<b>815,305</b>	<b>810,614</b>
Ratio to 1926 (= 100) ... ..	226.3	150.1	192.6	218.9	218.5	162.1	163.6	171.5	192.7	178.9	181.8
INANDA ... ..	816,215	627,454	774,840	812,986	823,041	737,413	608,736	714,066	722,277	709,790	616,033
LOWER TUGELA ... ..	1,299,769	921,709	1,120,740	1,331,681	1,310,186	1,144,887	1,035,855	1,195,584	1,299,218	1,287,492	1,563,652
<b>Total for North Coast between Umgeni and Tugela Rivers ...</b>	<b>2,115,984</b>	<b>1,549,163</b>	<b>1,895,580</b>	<b>2,144,667</b>	<b>2,133,227</b>	<b>1,882,300</b>	<b>1,644,591</b>	<b>1,909,650</b>	<b>2,021,495</b>	<b>1,997,282</b>	<b>2,179,685</b>
Ratio to 1926 (= 100) ... ..	255.5	187.1	228.9	259.0	257.6	227.3	198.6	230.6	244.1	241.2	263.2
<b>Total for Natal South of the Tugela</b>	<b>3,125,065</b>	<b>2,218,355</b>	<b>2,754,277</b>	<b>3,120,416</b>	<b>3,107,263</b>	<b>2,604,776</b>	<b>2,373,992</b>	<b>2,674,288</b>	<b>2,880,782</b>	<b>2,812,587</b>	<b>2,990,299</b>
Ratio to 1926 (= 100) ... ..	245.3	174.1	216.2	244.9	243.9	204.5	186.3	209.9	226.1	220.8	234.7
MTUNZINI ... ..	507,644	426,608	457,698	533,560	556,524	465,147	358,378	429,676	529,967	549,090	652,558
ESHOWE ... ..	240,962	217,695	243,392	264,198	293,602	236,115	211,170	225,903	266,752	273,448	318,883
LOWER UMFOLOZI ... ..	765,381	601,315	655,366	758,217	769,436	741,972	618,269	674,790	771,913	734,567	919,627
HLABISA ... ..	158,176	138,416	154,945	168,982	171,555	153,689	145,062	149,372	145,318	158,309	192,248
PIET RETIEF ... ..	—	—	—	—	—	—	9,321	18,886	17,511	14,937	10,858
<b>Total North of the Tugela</b>	<b>1,672,163</b>	<b>1,384,034</b>	<b>1,511,401</b>	<b>1,724,957</b>	<b>1,791,117</b>	<b>1,596,923</b>	<b>1,342,200</b>	<b>1,498,627</b>	<b>1,731,461</b>	<b>1,730,351</b>	<b>2,094,174</b>
Ratio to 1926 (= 100) ... ..	184.0	152.3	166.3	189.8	197.1	175.7	147.7	164.9	190.5	190.4	230.5
<b>GRAND TOTAL FOR UNION</b>	<b>4,797,228</b>	<b>3,602,389</b>	<b>4,265,678</b>	<b>4,845,373</b>	<b>4,898,380</b>	<b>4,201,699</b>	<b>3,716,192</b>	<b>4,172,915</b>	<b>4,612,243</b>	<b>4,542,938</b>	<b>5,084,473</b>
Ratio to 1926 (= 100) ... ..	219.8	165.0	195.4	222.0	224.4	192.5	170.3	191.2	211.3	208.1	233.0