

# ANNUAL SUMMARY OF AGRICULTURAL DATA FOR THE SUGARCANE CROP 1949-50

## Part C

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The "Special Census of Sugarcane Plantations, 1949-50—European Planters Only" deals with more than 99 per cent. of the total crop of cane harvested by Europeans. According to these returns 4,542,938 tons of 2,000 lbs. of cane were harvested from 183,944 acres during the season. We know, however, that the total amount of cane crushed in 1949-50 was 4,929,580 tons, so that the census returns from the 776 individuals represent 92.16 per cent. of the total crop.

Assuming now the same yield per acre, 24.70 tons, for non-Europeans and Europeans who did not send in returns, we get a total area harvested on 199,578 tons and the area under cane on April 30th, 1950, will be increased from 388,825 acres as given by the census returns to a total of 421,249 acres. The increase in recent years of the area under cane and the areas harvested can be seen from the following table:

Year	Acres under cane	Acres harvested
1944-45 ... ..	371,829	184,032
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

Although the census returns do not include data from non-Europeans, very detailed statistics from the Sugar Industry Central Board enable us to calculate not only the percentages for the Indian and Bantu planters, but also the relative proportion of European planters and European miller-cum-planter companies as in the following table:

	Per cent. of crop.
European planters . . . . .	60.0
European miller-cum-planter companies ...	32.8
Bantu planters ... ..	0.7
Indian and other non-European planters (including 1 miller-cum-planter company)	6.5

The average yield of cane per acre, 24.70 tons, is again most disappointingly low. The rainfall during 1949 was 43.35 inches or above the average of 40.91 inches, but 1948 had a low rainfall and it, of course, affected the yield the following year. We have, in fact, had no two successive seasons with normal rainfall since 1943 and the yields have in consequence been depressed.

Year	Yield per acre	Rainfall
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

Compared with the previous year the yields of Co.281 and Co.331 were particularly disappointing during 1949, whereas the recorded yields from N:Co.310 and P.O.J. were actually somewhat better.

	Yields of cane per acre	
	1948	1949
Co.281 ... ..	25.29	21.94
Co.331 ... ..	34.07	29.07
Co.301 ... ..	28.90	27.17
N:Co.310 ... ..	33.07	35.55
P.O.J. ... ..	37.06	39.16

As will be seen, P.O.J. gave the best yield per acre and is followed by N:Co.301; but the P.O.J. variety is of course selectively planted in the most fertile alluvial areas. Co.281 now gives an appreciably lower yield than Co.301 or, of course, the lower sucrose variety Co.331, but it must be remembered that Co.281 is now increasingly represented by older ratoons. In spite of that, however, there can be no doubt that this variety has lost its former vigour and if a comparison is made with Co.301 for the same ratoons or plant cane, the general downward trend of Co.281 is noticeable and it must also be borne in mind that the worst Co.281 is being replaced rapidly.

	Plant Cane			First Ratoon	Second Ratoon	Total Crop
	Co.281 tons per acre	Co.301 tons per acre	Co.281 per cent. Co.301 yield	Co.281 yield per cent. Co.301 yield	Co.281 yield per cent. Co.301 yield	Co.281 yield per cent. Co.301 yield
1949 ...	24.35	29.16	83.5	83.8	83.9	80.8
1948 ...	28.50	33.57	84.9	91.4	102.3	87.5
1947 ...	26.16	31.98	81.8	88.9	91.0	81.6
1946 ...	24.18	25.86	93.5	89.9	93.5	88.2
1945 ...	29.51	30.87	95.6	100.5	99.7	93.4
1944 ...	33.25	33.72	98.6	96.9	106.2	94.7

The most recently released variety, N:Co.310, is gaining popularity very rapidly and Co.331, after being neglected for some years, is also being planted most extensively. The following table shows the percentage areas of the various varieties on 30th April of each year:

	1947	1948	1949	1950
Uba ... ..	0.9	0.6	0.2	0.2
Co.281... ..	65.5	60.9	52.9	41.4
Co.290 ... ..	1.4	0.9	0.8	0.5
Co.301... ..	28.7	32.2	33.8	35.3
Co.331... ..	1.6	2.9	5.2	9.4
N:Co.310 ... ..	—	0.8	5.8	12.1
P.O.J.... ..	1.8	1.6	1.3	1.0
Other varieties ...	0.1	0.0	0.0	0.0

From this table it would appear that at the beginning of 1950 Co.281 was still the most popular variety and that the proportion of Co.301 was still increasing. If, however, the areas under plant cane only were examined, a very different picture is obtained, showing that Co.301 can be expected to be on the decrease in future and that the area under Co.301 as plant cane is about the same as under N:Co.310 now, while Co.281 and Co.331 occupied about 20 and 18 per cent. respectively of the total area under plant cane.

The following table gives the percentage areas under cane as plant and ratoons on 30th April, 1950:

	Plant	1st ratoon	2nd ratoon	3rd ratoon	4th ratoon	Other ratoons	Total crop
Uba ...	0.04	0.09	0.10	0.23	0.28	1.76	0.15
Co.281 ...	19.94	42.22	51.73	63.69	77.62	70.16	41.37
Co.290 ...	0.24	0.51	0.48	0.62	0.88	3.31	0.53
Co.301 ...	30.69	43.76	41.30	33.08	19.05	17.37	35.34
Co.331 ...	18.29	7.90	3.81	1.43	0.75	0.74	9.44
N:Co.310.	30.30	4.59	1.05	0.11	0.13	0.12	12.09
P.O.J. ...	0.42	0.90	1.51	0.82	1.29	6.54	1.03
Other varieties	0.08	0.03	0.02	0.01	0.00	0.00	0.04

The sucrose percentages of the different varieties for 1949-50 are given in the South African Sugar Technologists' Proceedings 1950, and the results for the 1950-51 season are as follows:

	Central Board	Tongaat	Natal Estates	Umfoloji	Arith. averages
Per cent. of total crop ...	64.90	12.40	11.00	7.70	96.00
Uba... ..	13.18	14.58	13.69	—	13.82
Co.281 ... ..	14.17	14.64	14.06	13.29	14.04
Co.290 ... ..	13.08	13.91	—	12.17	13.05
Co.301 ... ..	14.15	14.44	14.27	13.77	14.16
Co.331 ... ..	13.73	13.79	14.50	12.51	13.63
N:Co.310 . ...	15.48	15.20	15.05	14.31	15.01
P.O.J. ... ..	14.07	—	14.82	13.45	14.11

The sucrose percentages of varieties at the various centres analysed by the Central Board are on a weighted basis, but the general average is arithmetical. Arithmetical averages probably reflect the relative sucrose percentage of the varieties more accurately and the results from Tongaat are arithmetical. The Umfolozi figures are calculated on a differential Java Ratio bases on the fibre per cent. cane of the varieties. Disproportionately large percentages of Co.281 are now being cut early in the season and this, of course, has an adverse effect on its average sucrose. Co.331 and N:Co.310 are rather favoured because they are cut later. There can, however, be little doubt that N:Co.310 is a cane of outstandingly high sucrose content. There is not much difference in sucrose per cent. cane between Co.281 and Co.301, and Co.331 is undoubtedly a low sucrose variety.

The following data given for European planters in the "Special Census" is also of interest:

Total area of farms ... ..	791,494 acres
Total area under cane at 30th April, 1950 ... ..	388,825 acres
Area still suitable for cane ... ..	88,782 acres
Area ploughed out and long fallow . ... ..	41,842 acres
Area ploughed out and short fallow ... ..	30,457 acres
Virgin land planted ... ..	15,886 acres
Average age of cane ploughed out . ... ..	6.64 years

There are only three areas where, on the average, cane is allowed to grow for more than seven years before ploughing out. At Port Shepstone the average age of the cane ploughed out is 7.94 years, at Umzinto it is 7.40 years, at Hlabisa 7.25 years.

Except for the Piet Retief district, with only one return, Inanda again leads in yield per acre with 29.10 tons. The yield of cane per acre was lower in 1949 than in 1948 in every district. As usual Lower Tugela is responsible for the highest percentage of cane produced—28.3 per cent. of all the cane produced comes from this district.

**AREA OF CANE HARVESTED AND YIELDS FOR DIFFERENT VARIETIES AND RATOONS.  
(EUROPEAN PLANTERS ONLY) 1949—50.**

**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 ... ..	66	23.94	49	22.65	102	16.88	36	25.86	50	15.06	165	13.41	468	17.75
Co.281 ... ..	21,890	24.35	21,725	23.56	22,912	20.73	22,997	20.74	6,377	18.98	5,598	19.54	101,499	21.94
Co.290 ... ..	373	28.64	313	22.96	335	21.51	249	20.98	29	31.28	240	33.68	1,539	25.53
Co.301 ... ..	24,575	29.16	18,713	28.12	13,358	24.71	7,229	24.38	1,532	20.68	916	22.75	66,323	27.17
Co.331 ... ..	4,678	21.00	1,507	27.52	692	24.28	288	17.59	15	37.93	7	6.14	7,187	29.07
N:Co.310 ... ..	3,263	36.96	457	28.88	134	24.02	—	—	—	—	—	—	3,854	35.55
P.O.J.2725 and 2878 .	700	52.14	861	39.43	318	34.53	332	33.23	196	29.12	640	33.07	3,047	39.16
Other Varieties ... ..	11	45.27	9	36.33	7	28.57	—	—	—	—	—	—	27	37.96
<b>Total</b> ... ..	<b>55,556</b>	<b>28.16</b>	<b>43,634</b>	<b>26.02</b>	<b>37,858</b>	<b>22.33</b>	<b>31,131</b>	<b>21.69</b>	<b>8,199</b>	<b>19.59</b>	<b>7,566</b>	<b>21.37</b>	<b>183,944</b>	<b>24.70</b>

# AREA OF CANE HARVESTED AND YIELDS BY DISTRICTS (EUROPEAN PLANTERS ONLY) 1949—50.

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 ... ..	—	—	3,894	18.97	3	20.67	226	26.89	—	—	14	22.00	—	—
UMZINTO ... ..	176	12.57	16,609	17.53	108	13.03	10,502	23.20	560	23.59	66	31.50	80	18.96
DURBAN AND PINETOWN ... ..	33	18.73	5,051	15.55	20	36.85	4,198	22.13	296	20.60	28	28.50	—	—
<b>Total South of Umgeni River ...</b>	<b>209</b>	<b>13.54</b>	<b>25,554</b>	<b>17.36</b>	<b>131</b>	<b>16.84</b>	<b>14,926</b>	<b>22.96</b>	<b>856</b>	<b>22.55</b>	<b>108</b>	<b>29.49</b>	<b>80</b>	<b>18.96</b>
INANDA ... ..	162	24.48	11,222	27.02	29	42.10	111,764	30.90	581	31.48	612	30.96	2	34.50
LOWER TUGELA ... ..	38	16.42	17,878	21.07	640	27.58	27,904	28.18	2,107	29.50	1,168	35.11	65	40.98
<b>Total for North Coast between Umgeni and Tugela Rivers...</b>	<b>200</b>	<b>22.95</b>	<b>29,100</b>	<b>23.36</b>	<b>669</b>	<b>28.21</b>	<b>39,668</b>	<b>28.99</b>	<b>2,688</b>	<b>29.93</b>	<b>1,780</b>	<b>33.68</b>	<b>67</b>	<b>40.79</b>
<b>Total for Natal South of the Tugela</b>	<b>409</b>	<b>18.14</b>	<b>54,654</b>	<b>20.56</b>	<b>800</b>	<b>26.35</b>	<b>54,594</b>	<b>27.34</b>	<b>3,544</b>	<b>28.15</b>	<b>1,888</b>	<b>33.44</b>	<b>147</b>	<b>28.91</b>
MTUNZINI ... ..	5	18.00	15,472	21.77	231	30.39	4,519	27.02	1,606	29.50	833	37.74	105	38.96
ESHOWE ... ..	—	—	8,158	20.82	78	33.96	2,245	25.72	942	32.53	192	34.54	208	28.39
LOWER UMFOLOZI ... ..	54	14.80	18,871	26.37	109	8.36	4,295	25.82	959	28.93	816	37.91	1,659	39.58
HLABISA ... ..	—	—	4,232	22.19	321	23.76	559	25.48	82	14.45	115	39.77	837	43.74
PIET RETIEF ... ..	—	—	112	48.66	—	—	111	37.14	54	41.76	10	29.80	91	30.89
<b>Total North of the Tugela</b>	<b>59</b>	<b>15.07</b>	<b>46,845</b>	<b>23.56</b>	<b>739</b>	<b>24.64</b>	<b>11,729</b>	<b>26.36</b>	<b>3,643</b>	<b>29.97</b>	<b>1,966</b>	<b>37.58</b>	<b>2,900</b>	<b>39.68</b>
<b>TOTAL FOR UNION ... ..</b>	<b>468</b>	<b>17.75</b>	<b>101,499</b>	<b>21.94</b>	<b>1,539</b>	<b>25.53</b>	<b>66,323</b>	<b>27.17</b>	<b>7,187</b>	<b>29.07</b>	<b>3,854</b>	<b>35.55</b>	<b>3,047</b>	<b>39.16</b>

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

COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.

DISTRICT.	TONS CANE PER ACRE.												
	1937.	1938.	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949.
PORT SHEPSTONE ... ..	21.53	29.33	26.52	18.15	13.73	23.08	31.32	22.95	19.18	19.26	22.68	21.45	19.42
UMZINTO ... ..	22.41	23.50	25.94	23.02	16.47	20.20	24.68	24.18	19.51	17.59	19.70	22.13	19.76
DURBAN AND PINETOWN ... ..	20.42	27.65	31.76	24.74	20.28	25.63	24.01	24.16	20.11	19.05	20.47	20.69	18.66
<b>Total South of Umgeni River...</b>	<b>22.04</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>
Ratio to 1926 (= 100) ... ..	119.52	133.68	146.42	123.81	92.46	116.49	135.95	130.53	106.24	97.67	109.11	118.17	105.64
INANDA ... ..	26.19	31.27	36.57	33.24	28.20	32.94	40.45	37.51	32.32	27.20	30.42	31.58	29.10
LOWER TUGELA ... ..	22.90	25.19	29.51	27.35	21.30	24.42	31.10	29.49	26.58	22.77	24.90	27.78	25.85
<b>Total for North Coast between Umgeni and Tugela Rivers ...</b>	<b>23.96</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>
Ratio to 1926 (= 100) ... ..	128.75	146.10	171.36	157.71	127.03	146.75	183.18	172.70	153.52	130.20	143.58	155.99	144.65
<b>Total for Natal South of the Tugela</b>	<b>23.27</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>
Ratio to 1926 (= 100) ... ..	125.44	141.62	162.10	144.85	114.18	135.74	165.18	156.77	136.66	118.06	131.70	142.37	130.62
MTUNZINI ... ..	20.97	24.67	27.86	27.06	22.67	24.96	30.71	27.19	23.73	18.02	22.01	25.47	24.11
ESHOWE ... ..	20.69	28.03	29.89	26.62	23.53	25.11	27.46	27.27	22.68	20.27	21.35	24.34	23.13
LOWER UMFOLOZI ... ..	28.81	34.40	33.25	31.00	26.10	26.51	33.45	31.47	30.07	25.83	27.39	30.11	27.45
HLABISA ... ..	25.36	30.91	28.81	29.60	26.31	29.84	30.79	29.00	25.52	23.68	25.64	27.52	25.75
PIET RETIEF ... ..	—	—	—	—	—	—	—	—	—	39.16	38.15	48.11	39.52
<b>Total North of the Tugela ... ..</b>	<b>24.68</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>
Ratio to 1926 (= 100) ... ..	103.57	124.30	128.03	121.32	103.02	109.48	131.26	122.03	110.37	92.95	102.98	115.23	106.97
<b>GRAND TOTAL FOR UNION ... ..</b>	<b>23.75</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>
Ratio to 1926 (= 100) ... ..	116.19	133.90	147.85	134.78	109.38	124.71	151.03	142.27	125.73	107.58	119.72	131.12	120.84
Rainfall of all Districts (inches) <i>(Average from 44 centres).</i>	39.57	40.33	47.68	43.48	26.18	49.40	53.31	36.45	31.99	32.02	44.83	35.25	43.35

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

COMPILED FROM UNION DEPARTMENT OF CENSUS RETURNS.

DISTRICT.	PER CENT. OF TOTAL TONNAGE.												
	1937.	1938.	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949.
PORT SHEPSTONE . . . . .	1.8	1.8	1.8	1.7	1.2	2.0	2.0	1.6	1.3	1.8	1.9	1.8	1.8
UMZINTO ... ..	17.0	15.7	15.4	15.3	12.7	13.7	14.1	14.9	12.6	13.9	12.8	13.5	12.2
DURBAN AND PINETOWN ... ..	3.0	4.4	4.4	4.0	4.7	4.5	4.0	3.4	3.2	3.9	3.7	3.3	4.0
<b>Total South of Umgeni River</b> ... ..	<b>21.8</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>
INANDA ... ..	15.1	16.2	16.7	17.0	17.4	18.2	16.8	16.8	17.6	16.4	17.1	15.7	15.6
LOWER TUGELA ... ..	27.9	26.5	26.5	27.1	25.6	26.3	27.5	26.7	27.2	27.9	28.7	28.2	28.3
<b>Total for North Coast between Umgeni and Tugela Rivers</b> ... ..	<b>43.0</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>Total for Natal South of the Tugela</b> ... ..	<b>64.8</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>
MTUNZINI ... ..	10.7	10.9	10.9	10.6	11.8	10.7	11.0	11.4	11.1	9.6	10.3	11.5	12.1
ESHOWE ... ..	3.7	4.6	5.0	5.0	6.0	5.7	5.5	6.0	5.6	5.7	5.4	5.8	6.0
LOWER UMFOLOZI . . . . .	17.5	16.6	16.0	16.0	16.7	15.4	15.6	15.7	17.7	16.6	16.2	16.7	16.2
HLABISA ... ..	3.3	3.3	3.2	3.3	3.8	3.6	3.5	3.5	3.7	3.9	3.6	3.2	3.5
PIET RETIEF ... ..	—	—	—	—	—	—	—	—	—	0.3	0.5	0.4	0.3
<b>Total North of the Tugela</b> ... ..	<b>35.2</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>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.										
	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949.
PORT SHEPSTONE ... ..	89,585	81,811	43,704	84,444	97,113	79,993	57,630	67,743	78,890	82,835	80,330
UMZINTO ... ..	744,981	733,332	457,518	582,516	682,713	728,879	528,593	515,571	532,675	624,009	555,307
DURBAN AND PINETOWN ... ..	213,958	193,938	167,970	191,737	195,923	165,164	136,253	146,087	153,073	152,443	179,668
<b>Total South of Umgeni River...</b>	<b>1,048,524</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>
Ratio to 1926 (= 100) ... ..	235.2	226.3	150.1	192.6	218.9	218.5	162.1	163.6	171.5	192.7	178.9
INANDA ... ..	807,094	816,215	627,454	774,840	812,986	823,041	737,413	608,736	714,066	722,277	709,790
LOWER TUGELA ... ..	1,285,888	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
<b>Total for North Coast between Umgeni and Tugela Rivers ...</b>	<b>2,092,982</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>
Ratio to 1926 (= 100) ... ..	252.7	255.5	187.1	228.9	259.0	257.6	227.3	198.6	230.6	244.1	241.2
<b>Total for Natal South of the Tugela</b>	<b>3,141,506</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>
Ratio to 1926 (= 100) ... ..	246.6	245.3	174.1	216.2	244.9	243.9	204.5	186.3	209.9	226.1	220.8
MTUNZINI ... ..	525,787	507,644	426,608	457,698	533,560	556,524	465,147	358,378	429,676	529,967	549,090
ESHOWE ... ..	243,829	240,962	217,695	243,392	264,198	293,602	236,115	211,170	225,903	266,752	273,448
LOWER UMFOLOZI ... ..	777,371	765,381	601,315	655,366	758,217	769,436	741,972	618,269	674,790	771,913	734,567
HLABISA ... ..	155,775	158,176	138,416	154,945	168,982	171,555	153,689	145,062	149,372	145,318	158,309
PIET RETIEF ... ..	—	—	—	—	—	—	—	9,321	18,886	17,511	14,937
<b>Total North of the Tugela</b>	<b>1,702,762</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>
Ratio to 1926 (= 100) ... ..	187.4	184.0	152.3	166.3	189.8	197.1	175.7	147.7	164.9	190.5	190.4
<b>GRAND TOTAL FOR UNION</b>	<b>4,844,268</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>
Ratio to 1926 (= 100) ... ..	221.9	219.8	165.0	195.4	222.0	224.4	192.5	170.3	191.2	211.3	208.1
Rainfall of all Districts (inches) <i>(Average from 44 centres).</i>	221.9	219.8	165.0	195.4	222.0	224.4	192.5	170.3	191.2	211.3	208.1