ZIMBABWE

FIRST ROUND CROP AND LIVESTOCK ASSESSMENT REPORT 2014/15 SEASON

MINISTER OF AGRICULTURE, MECHANISATION AND IRRIGATION DEVELOPMENT, 13 MARCH 2015

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1. EXECUTIVE SUMMARY CROPS

TABLE 1: AREA (HA) PLANTED TO MAJOR CROPS

Crop	**2014/2015**	2013/2014	**(+/-) %**
Maize	**1 531 663**	1 721 030	**-11**
Sorghum	**202 653**	280 210	**-28**
Pearl Millet	**155 684**	192 009	**-19**
Finger Millet	**26 369**	29 590	**-11**
Groundnut	**240 904**	264 047	**-9**
Cowpeas	**41 798**	47 757	**-12**
Tobacco	**108 307**	107 371	**1**
Cotton	**146 527**	201 678	**-27**
Soyabeans	**36 316**	67 571	-46

TABLE 1A: CEREALS WRITE-OFF AREA (HA)

Crop	Area planted	Write-Off area	Harvestable area	%Write off
Maize	**1 531 663**	**296 765**	**1 234 898**	**19**
Sorghum	**202 653**	31 094	171 559	15
Pearl Millet	**155 684**	14 012	141 672	9
Finger Millet	**26 369**	264	26 105	1
Total	**1 916 369**	**342 135**	**1 574 234**	**18**

N.B ***Write-off area is expected to increase if the dry conditions persist***

TABLE 2: AREA (HA) PLANTED TO OTHER CROPS

Crop	2014/15	2013/14	%
Sugarbean	**26 609**	39 257	-32
Roundnut	**120 328**	112 338	7
Tea	**8 162**	8 162	0
Coffee	**673**	654	3
Banana	**4 643**	4 643	0
Citrus	**6 172**	6 172	0
Irish potato	**11 928**	11 360	5
Macadamia nut	**3 570**	3 500	2
Apples	**224**	224	0
Mango	**3 750**	3 722	1
Curcubits (Pumpkins,squash, Marrows, Melons)	**1 417**	1 350	5

2. SEASON QUALITY

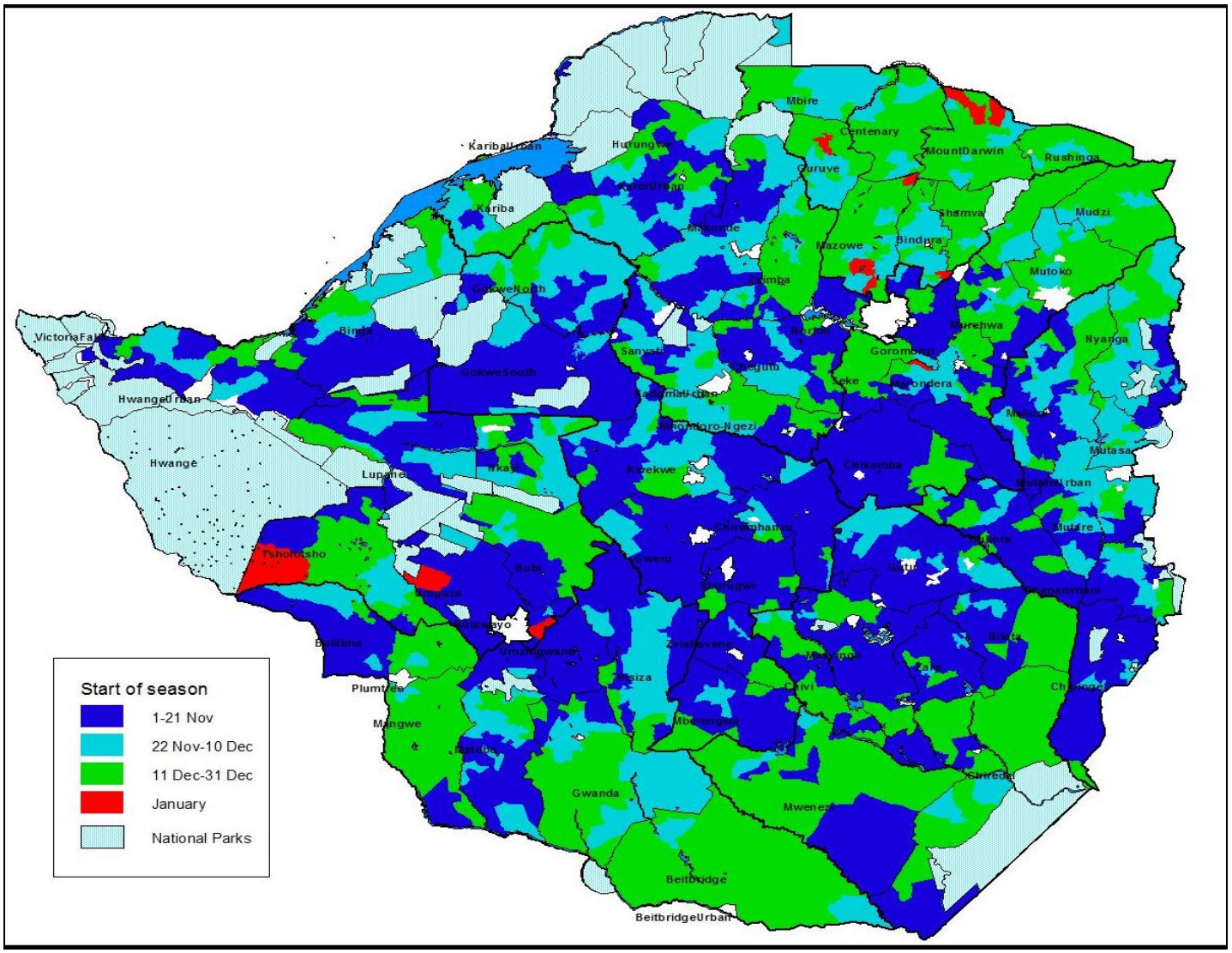
2.1 Onset of the season

2.1.1 The season started in the second week of November in central and northwestern parts of the country (parts of Midlands, Masvingo, Mashonaland East, Manicaland and Matabeleland North)

2.1.2 The northern parts of the country (parts of Mashonaland Central, Mashonaland East and Manicaland) and the southern parts of the country (Masvingo and Matabeleland South), the season started in the second week of December.

2.1.3 In the remaining parts of the country, the season started between 21 and 31 December 2014.

FIG 1: START OF THE SEASON 2014/15



2.2 Rainfall distribution pattern

2.2.1 Rainfall distribution was poor in space and time across the country except in the northern parts of Mashonaland Central (Rushinga, Mbire, Lower Mzarabani and lower Mt Darwin) and parts of Mashonaland East (Uzumba Maramba Pfungwe and Mudzi).

2.2.2 Floods were experienced in low lying areas of the Zambezi valley

2.2.3 Though the central and southern parts of the country had an early start to the season, the benefits were offset by poor distribution in the season

2.2.4 The first rains were followed by a long dry period leading to poor germination and severe moisture stress for the early planted crops.

2.2.5 Persistent and heavy rains were received across the country from the last week of December 2014 to the second week of January 2015.

2.2.6 There has been a long dry spell from the second week of January which lasted for over 60 days in most parts of the country.

FIG 2: DURATION OF DRY SPELL 2014/15 SEASON AS AT 11 MARCH 2015

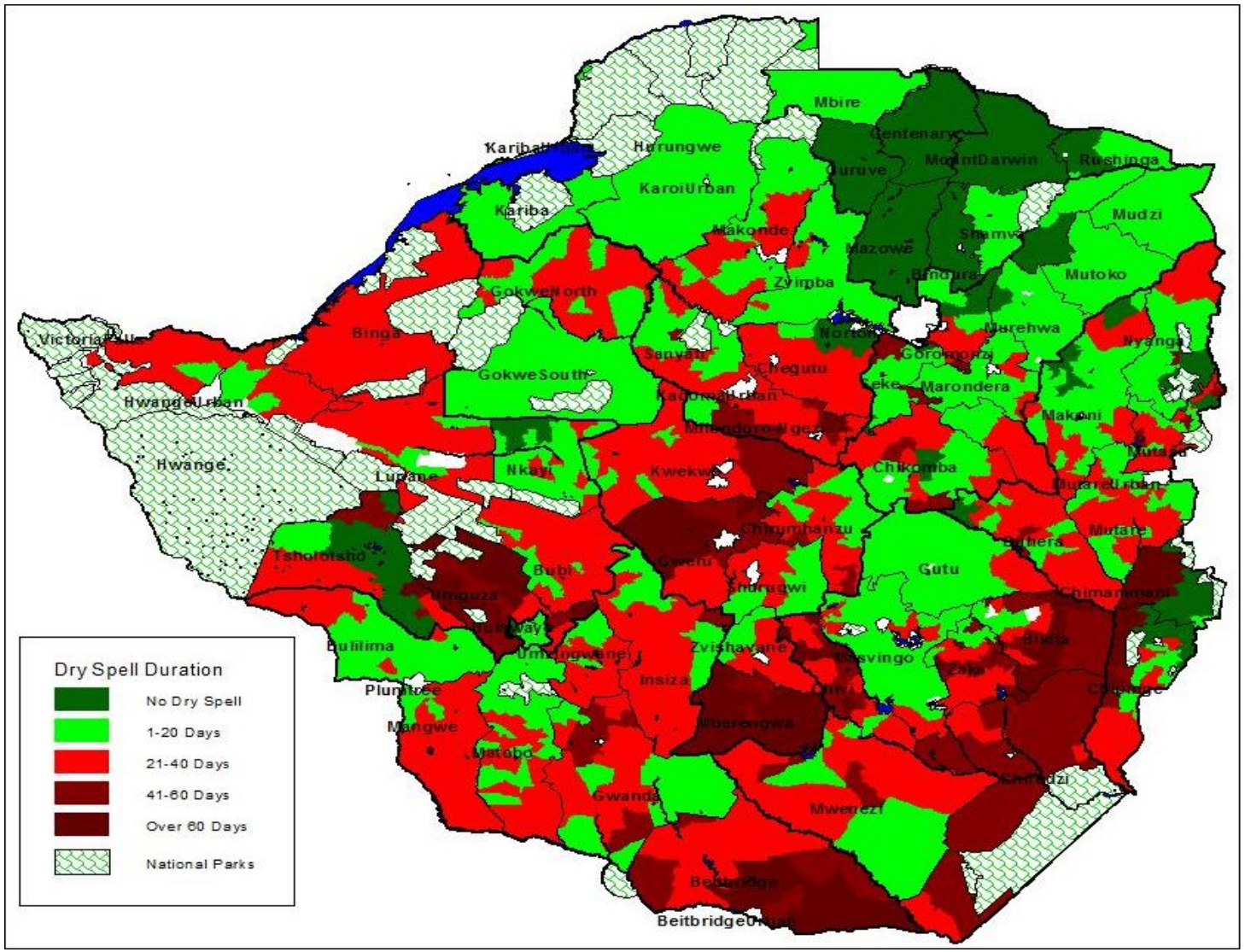
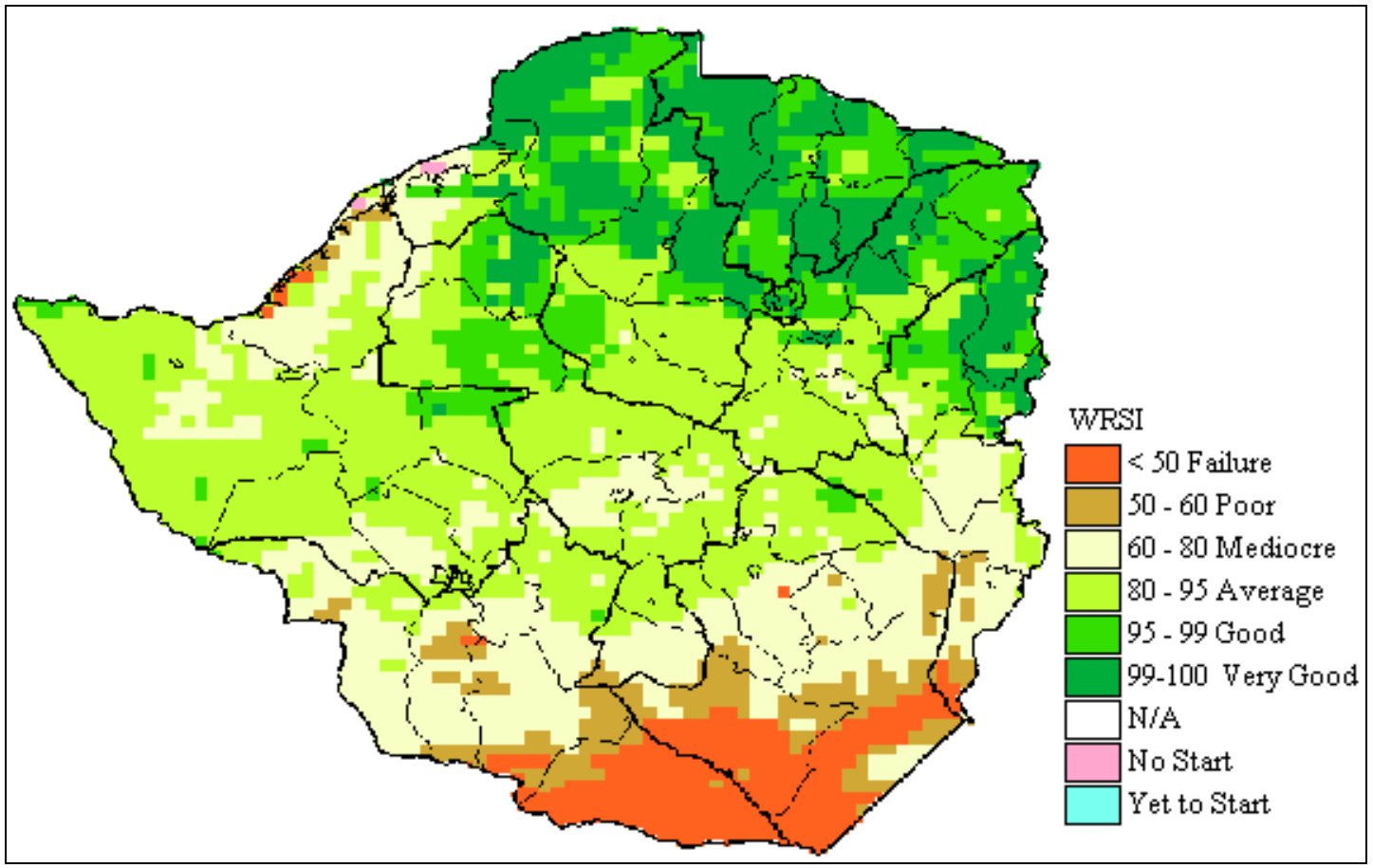
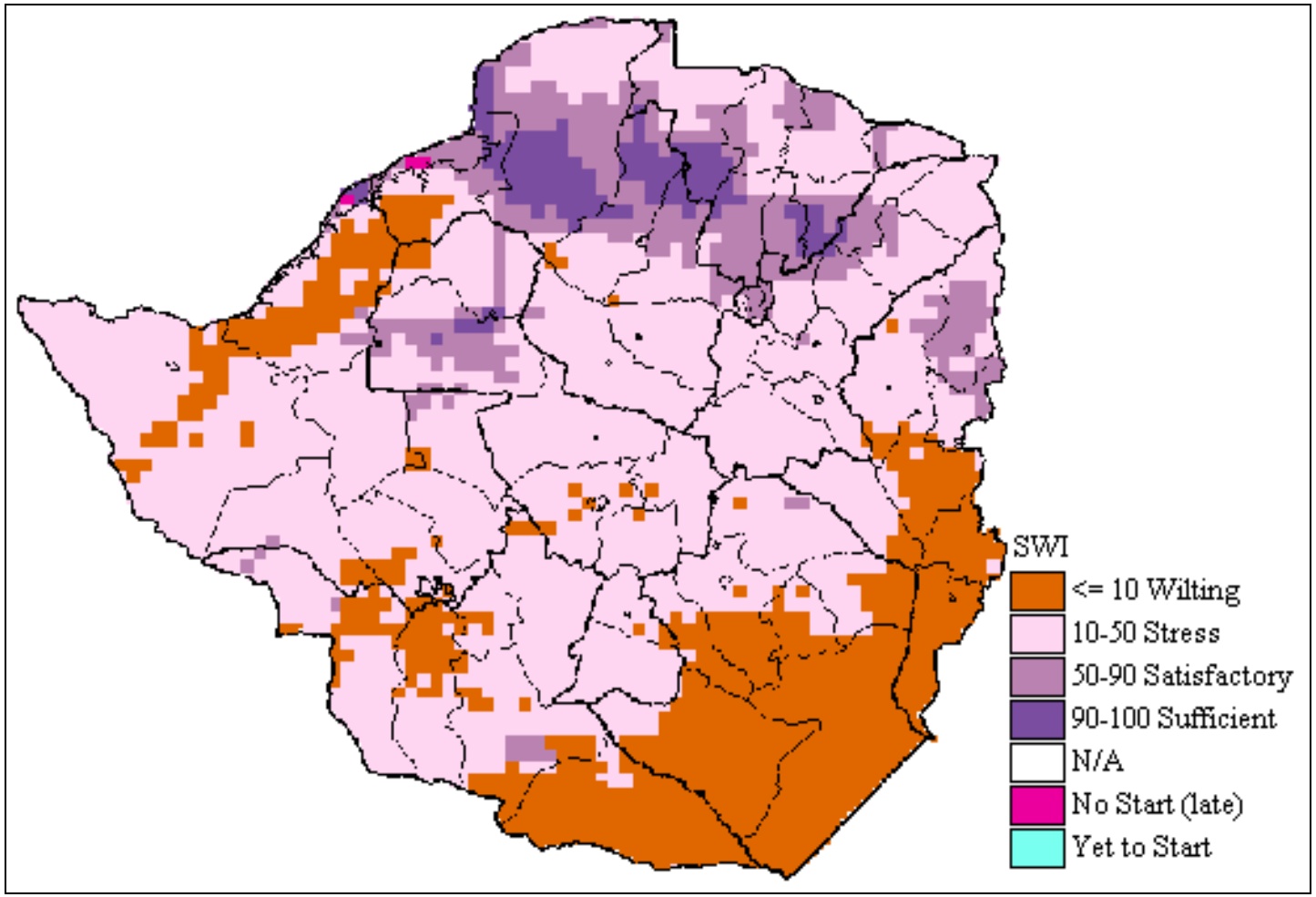


FIG 3. ZIMBABWE WRSI FOR MAIZE FOR 2014/15 SEASON, AS OF 11 MARCH 2015



NB: *Water Requirement Satisfaction Index (WRSI) is a satellite derived map that shows the extent to which crops' water requirements was satisfied during the season*

FIG 4: ZIMBABWE SOIL WATER INDEX IN 2014/2015 SEASON AS AT 11 MARCH 2015



NB: *Zimbabwe Soil Water Index (SWI) is a satellite derived map that shows the percentage of moisture in the soil .*

3. AGRICULTURAL INPUTS SUPPORT

1. The Government Smallholder Input Support Facility was the major source of inputs.
2. Contract Farming Schemes also availed inputs.

3.1 Government Input Facility

TABLE 3: THE GOVERNMENT INPUT PROGRAMME

Input	Quantity (MT)			Quantity per household (kg)	No of beneficiaries
	Contracted	Supplied	%		
Maize seed	15 955	5 921	37	10	592 100
Sorghum seed	403	208	52	5	41 600
Millet	76	40	53	5	20 000
Soyabean	800	40	5	2	20 00
Cow peas	245	113	46	2	56 500
Cotton Seed	3 000	310	10	10	31 000
Cotton Chemicals (l)	60 206	43 214	72		
Cotton Chemicals (Mt)	61	45	74		
Compound D	72 496	31 382	43	50	627 640
Top dressing	58 150	15 304	26	50	306 080

1. **Tobacco**

16 Companies contracted farmers to grow **72 756** hectares of tobacco.

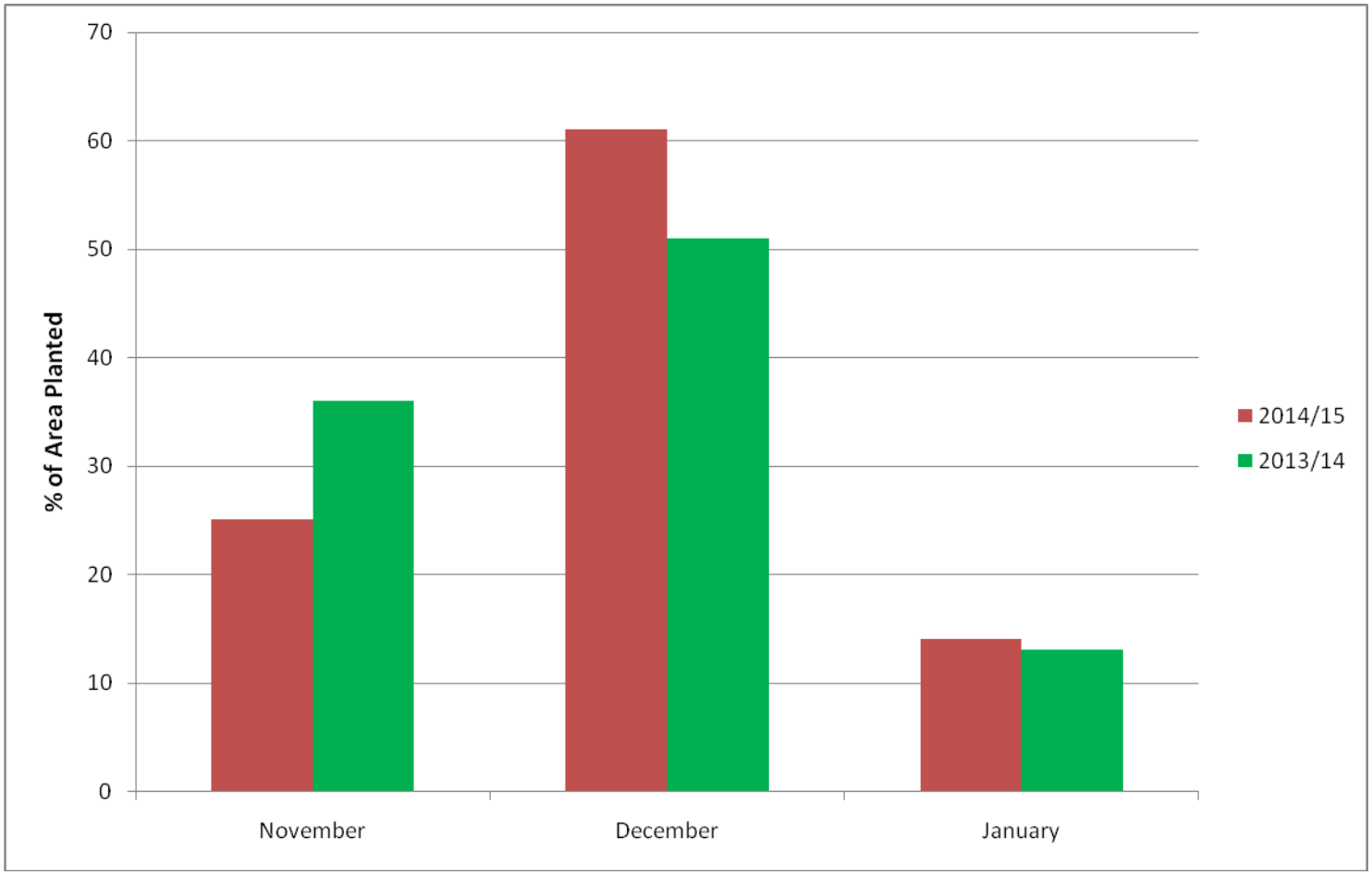
4. CROP SITUATION

4.1 Area Planted to Maize by Time of Planting

TABLE 4: MAIZE BY TIME OF PLANTING

Province	Planted area (ha)	November %	December %	January %	Planted area (ha)	November %	December %	January %
	2014/15	**2014**	**2014**	**2015**	2013/14	2013	2013	2014
Mashonaland West	**224 548**	**29**	**59**	**12**	265 714	41	51	8
Mashonaland Central	**182 894**	**6**	**84**	**10**	193 320	19	72	9
Mashonaland East	**191 335**	**31**	**63**	**6**	211 972	56	40	4
Manicaland	**216 469**	**31**	**57**	**12**	217 648	48	43	9
Midlands	**291 443**	**28**	**57**	**24**	351 829	31	54	15
Masvingo	**193 183**	**26**	**50**	**41**	216 062	33	40	26
Matabeleland North	**129 796**	**20**	**60**	**20**	137 246	23	61	15
Matabeleland South	**101 995**	**24**	**56**	**20**	127 239	29	51	20
Total	**1 531 663**	**25**	**61**	**14**	1 721 030	36	51	13

FIG 5: PERCENTAGE AREA PLANTED TO MAIZE BY TIME OF PLANTING



4.2 Sectoral Contribution to Area Planted (Maize)

TABLE 5: MAIZE AREA (HA) BY FARMER CATERGORY

Sector	Area (ha)		%	Contribution (%)	
	2014/15	**2013/14**		**2014/15**	2013/14
CA	**934 789**	1 084 249	**-14**	**61**	63
A1	**283 212**	326 996	**-13**	**18**	19
OR	**144 791**	137 682	**5**	**9**	8
SSCFA	**38 539**	51 631	**-25**	**3**	3
A2	**106 936**	103 262	**4**	**7**	6
Peri-urban	**23 396**	17 210	**36**	**2**	1
Total	**1 531 663**	1 721 030	**-11**	**100**	100

TABLE 5A: MAIZE (HA) PLANTED BY FARMER CATERGORY

Province	**CA**			**A1**			**OR**			**SSCFA**		
	2014/15	2013/14	**(+/-) %**	**2014/15**	2013/14	**(+/-) %**	**2014/15**	**2013/14**	**(+/-) %**	**2014/15**	2013/14	**(+/-) %**
Mashonaland West	**66 814**	99 477	-33	**67 335**	71 433	-6	**32 215**	25 790	25	**8 034**	8 970	-10
Mashonaland Central	**115 013**	112 874	2	**30 822**	40 727	-24	**6 906**	7 956	-13	**3 325**	4 701	-29
Mashonaland East	**103 125**	119 097	-13	**33 181**	34 058	-3	**17 629**	19 363	-9	**7 809**	10 477	-25
Manicaland	**140 549**	147 415	-5	**28 929**	34 845	-17	**35 416**	23 892	48	**5 099**	4 775	7
Midlands	**220 907**	273 255	-19	**42 038**	44 593	-6	**18 719**	22 798	-18	**5 090**	6 556	-22
Masvingo	**130 470**	145 564	-10	**38 694**	41 588	-7	**17 433**	18 921	-8	**5 368**	8 596	-38
Matabeleland North	**92 707**	93 568	-1	**18 662**	23 446	-20	**8 554**	7 875	9	**1 584**	1 384	14
Matabeleland South	**65 204**	82 999	-21	**23 551**	26 306	-10	**7 919**	11 086	-29	**2 230**	4 173	-47
Total	**934 789**	**1 084 249**	**-14**	**283 212**	**326 996**	-13	**144 791**	**137 682**	5	**38 539**	**51 631**	**-25**
%	**61**	**63**		**18**	**19**		**9**	**8**		**3**	**3**	

TABLE 5B: MAIZE (HA) PLANTED BY FARMER CATERGORY

Province	A2			Peri-Urban			Total	
	2014/15	2013/14	(+/-) %	2014/15	2013/14	(+/-) %	2014/15	2013/14
Mashonaland West	**48 421**	48 701	-1	**1 729**	1 342	29	**224 548**	265 714
Mashonaland Central	**23 037**	23 555	-2	**3 791**	3 507	8	**182 894**	193 320
Mashonaland East	**16 397**	12 994	26	**13 194**	5 983	27	**191 335**	211 972
Manicaland	**6 056**	6 043		**420**	678	-38	**216 469**	217 648
Midlands	**4 338**	4 173	4	**351**	453	-22	**291 443**	351 829
Masvingo	**905**	1 304	-31	**313**	88	257	**193 183**	216 062
Matabeleland North	**4 691**	3 815	23	**3 598**	5 159	-50	**129 796**	137 246
Matabeleland South	**3 091**	2 629	18	**0**	0	0	**101 995**	127 239
Total	**106 936**	**103 214**	**4**	**23 396**	**17 210**	**31**	**1 531 663**	**1 721 030**
%	**7**	**6**		**2**	**1**			

Fig 6a: Area Under Maize in 2014/15 by Sector[1]

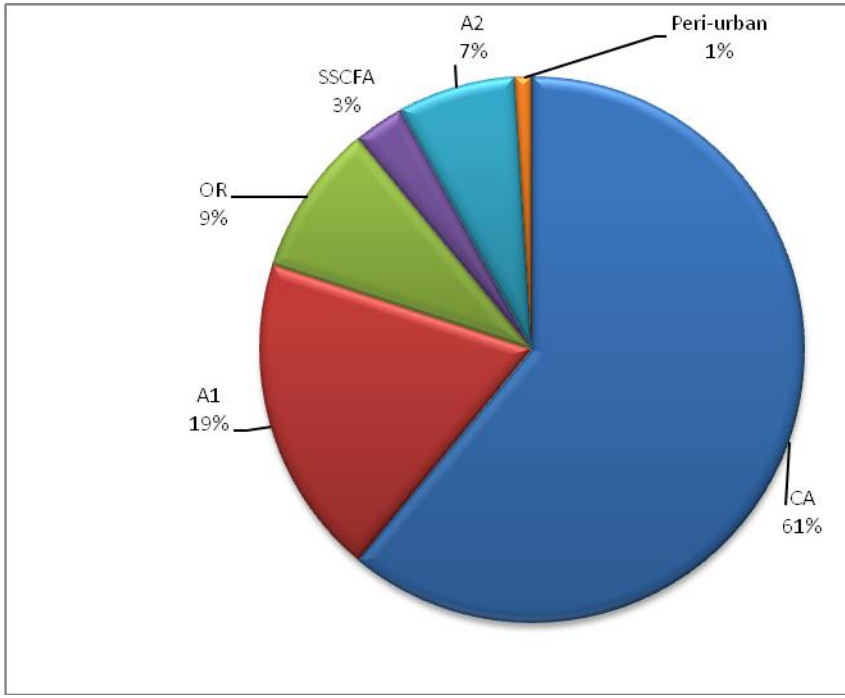
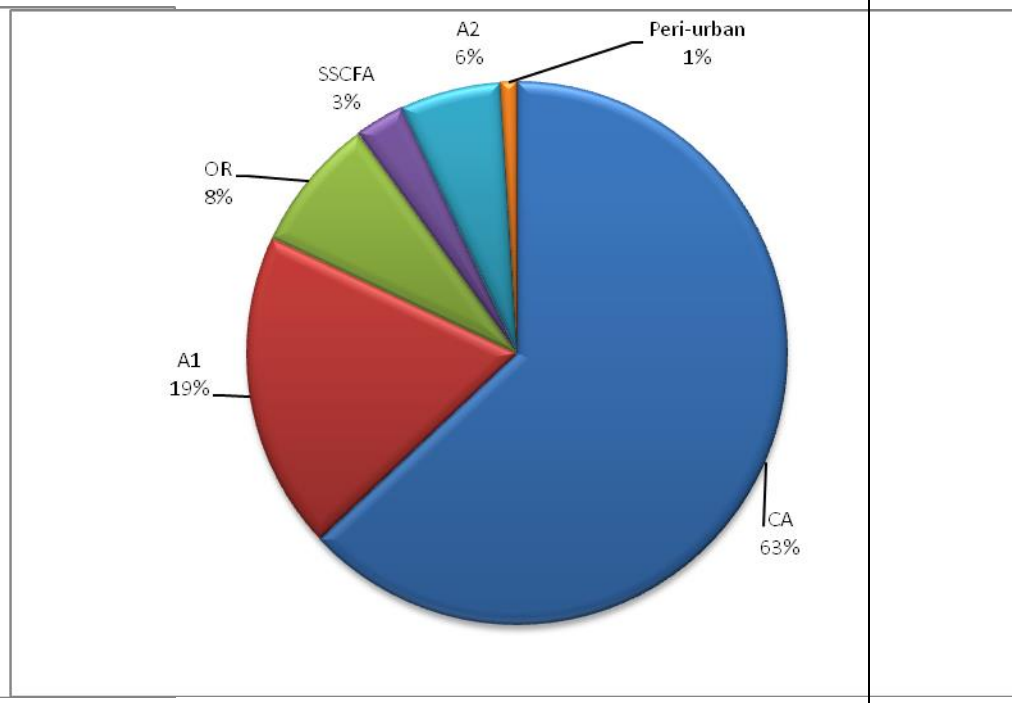


Fig 6b: Area Under Maize in 2013/14 by Sector



[1] CA stands for communal areas, OR for Old resettlement, SSCFA for small scale commercial areas, A1 for A1 new resettlement model, A2 for A2 new resettlement model

FIG 7: WARD BY WARD DRY SPELL EFFECTS AS AT 11 MARCH 2015

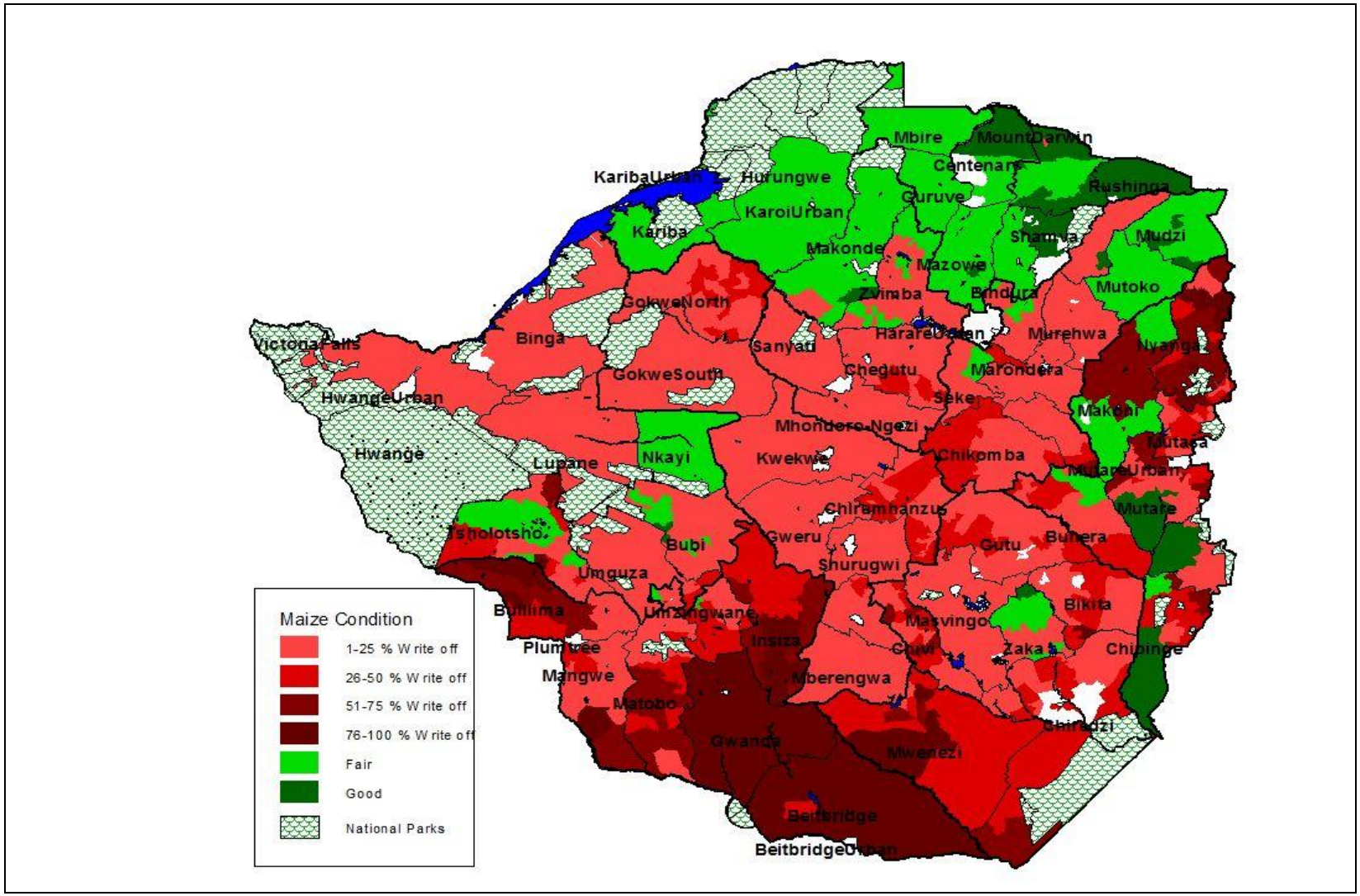


TABLE 6: MAIZE CONDITION AS AT 11 MARCH 2015

Province	Write-Off		Fair		Good	
	Area(ha)	%	Area(ha)	%	Area(ha)	%
Mashonaland West	6 962	3	176 697	79	40 889	17
Mashonaland Central	0	0	152 054	83	30 840	17
Mashonaland East	43 397	23	114 243	60	33 695	18
Manicaland	45 241	21	114 145	53	57 083	26
Midlands	79 079	27	146 300	50	66 064	23
Masvingo	39 385	20	126 874	66	26 924	14
Matabeleland North	20 154	16	106 724	82	2 918	2
Matabeleland South	62 547	61	39 448	39	0	0
Total	**296 765**	**19**	**976 485**	**64**	**258 413**	**17**

4.3 Sorghum and Millets

TABLE 7: SORGHUM AREA (HA) BY PROVINCE

	2014/15	2013/14	**%**
Mashonaland West	**5 837**	5 949	**-2**
Mashonaland Central	**26 672**	25 791	**3**
Mashonaland East	**9 787**	12 888	**-24**
Manicaland	**37 551**	56 128	**-33**
Midlands	**24 114**	33 539	**-28**
Masvingo	**53 533**	80 075	**-33**
Matabeleland North	**20 168**	25 562	**-21**
Matabeleland South	**24 991**	40 278	**-38**
Total	**202 653**	280 210	**-28**

FIG 8: SORGHUM AREA (HA) BY PROVINCE

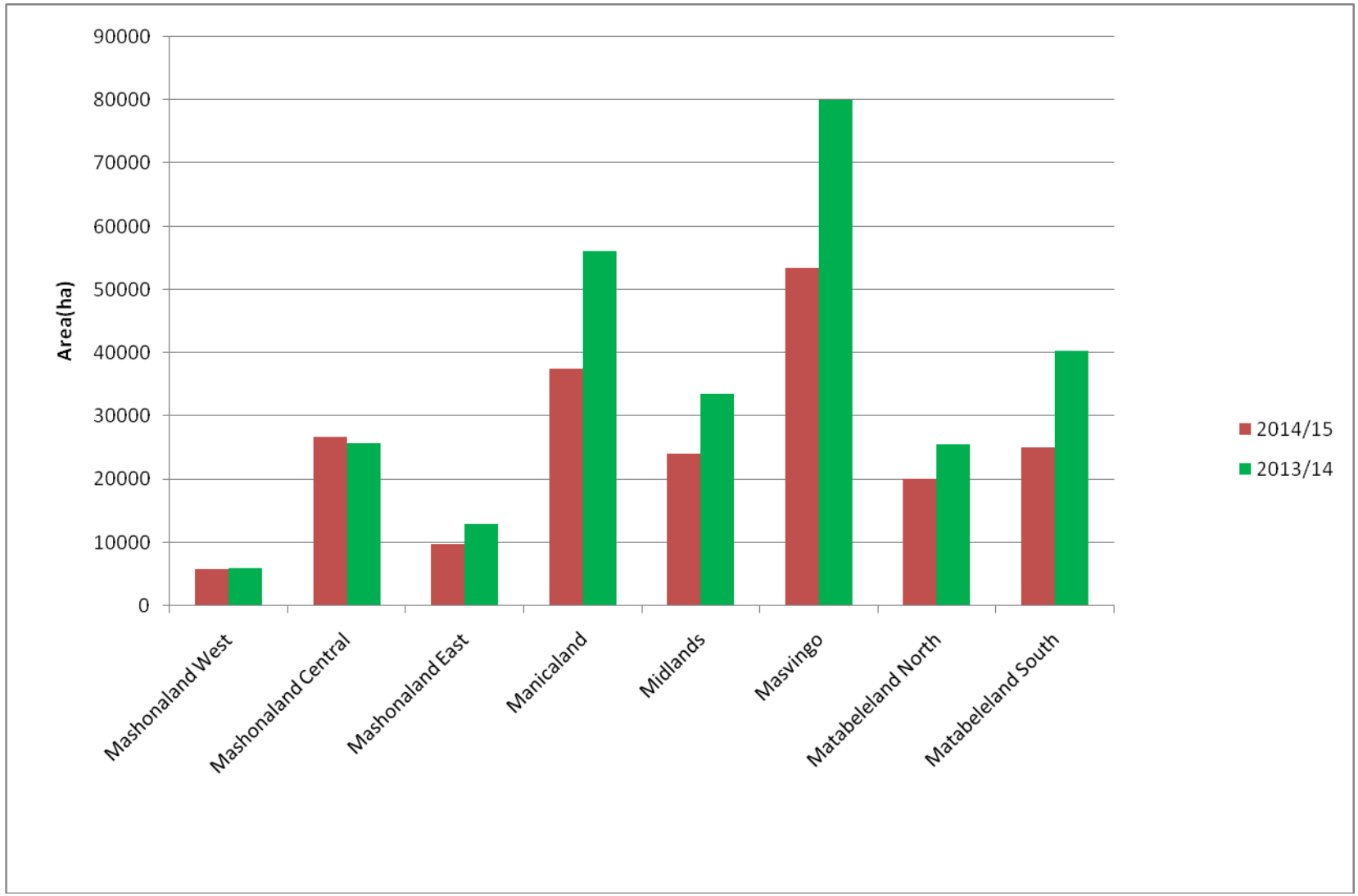


TABLE 8: PEARL MILLET AREA (HA) BY PROVINCE

Province	**2014/15**	2013/14	**%**
Mashonaland West	**147**	222	**-34**
Mashonaland Central	**2 587**	3 225	**-20**
Mashonaland East	**2 429**	4 386	**-196**
Manicaland	**35 649**	37 549	**-5**
Midlands	**9 219**	12 679	**-27**
Masvingo	**28 520**	44 744	**-36**
Matabeleland North	**50 219**	50 482	**-1**
Matabeleland South	**26 914**	38 722	**-30**
Total	**155 684**	192 009	**-19**

FIG 9: PEARL MILLET AREA (HA) BY PROVINCE

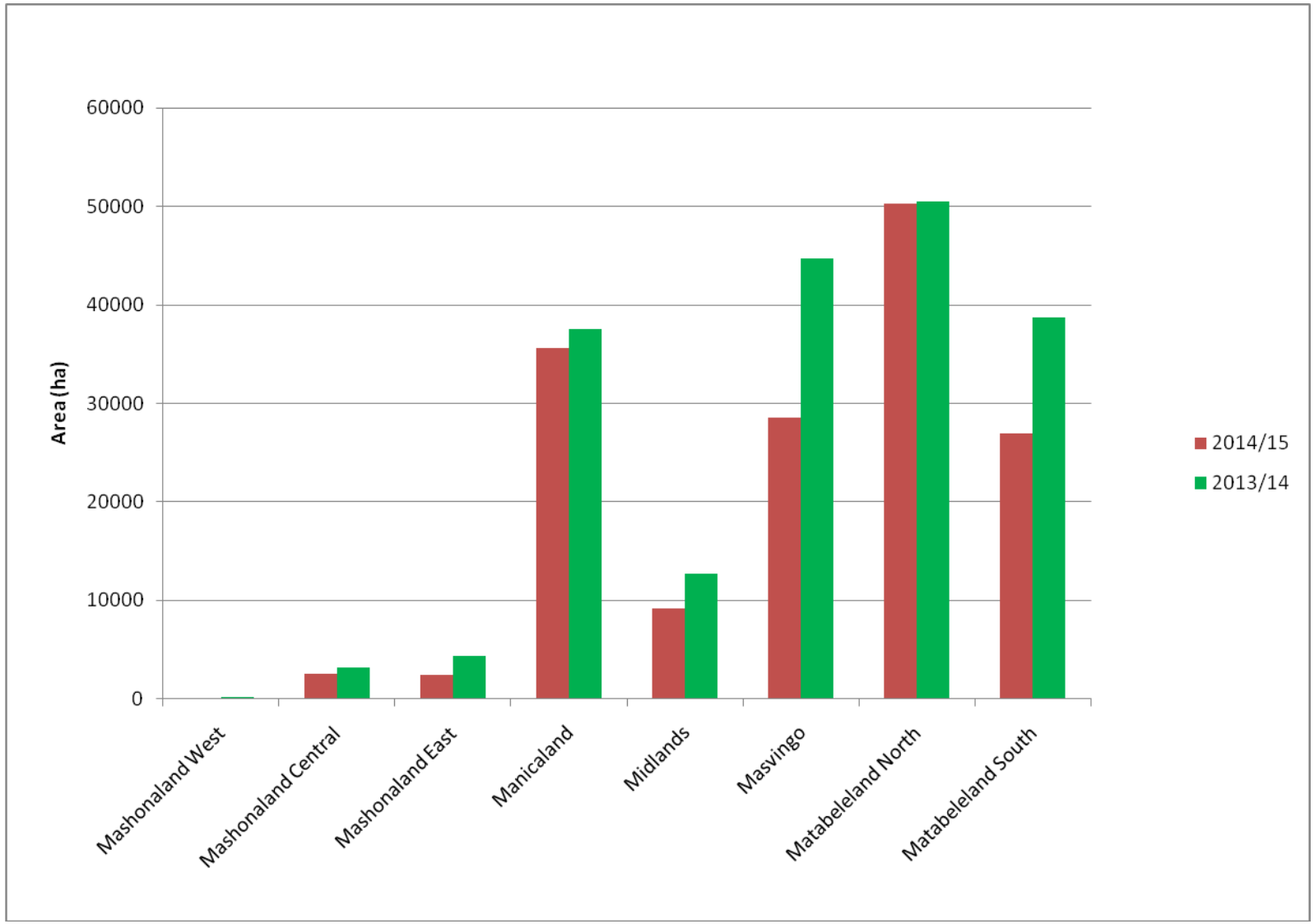
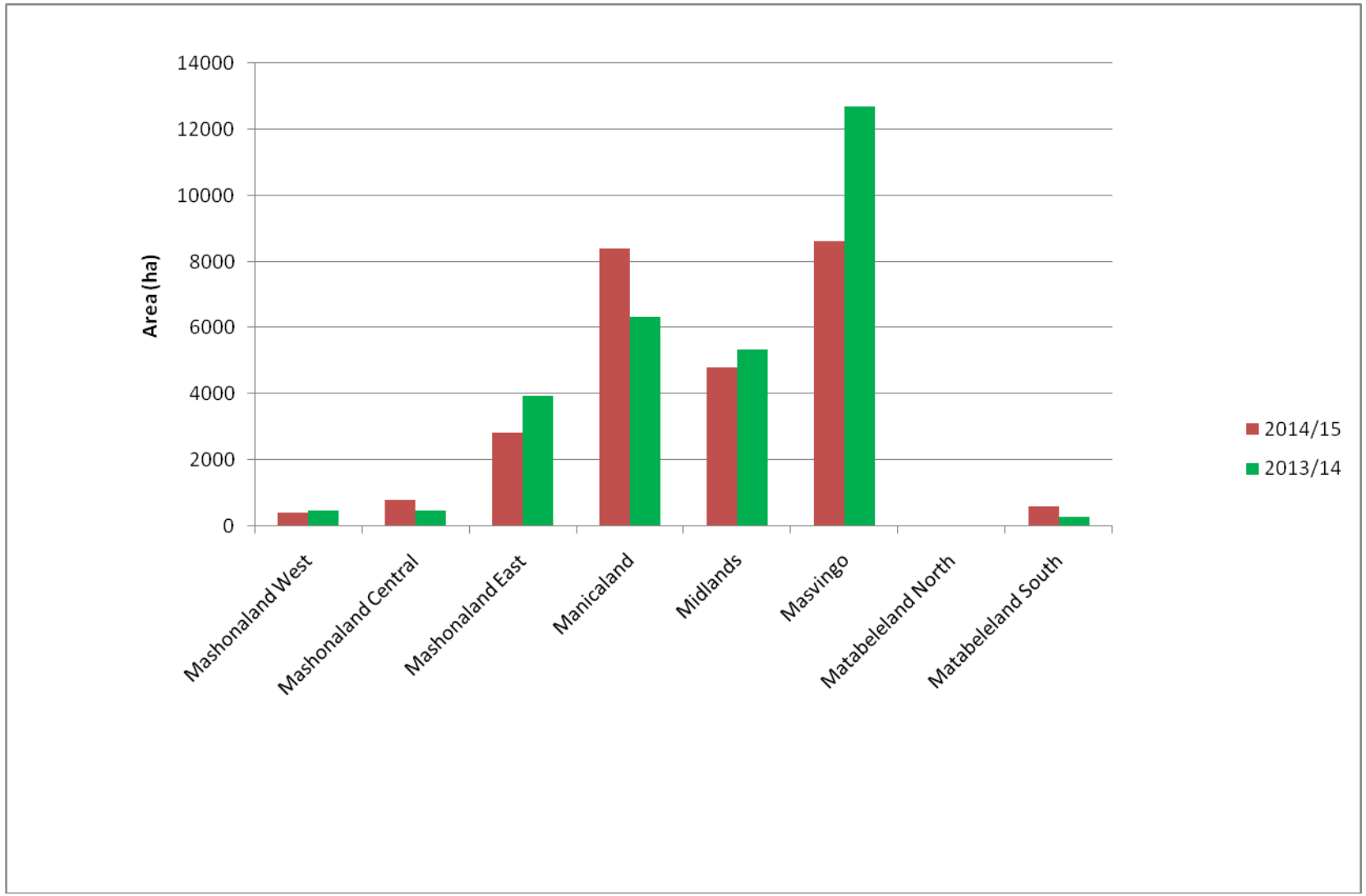


TABLE 9 : FINGER MILLET AREA (HA) BY PROVINCE

Province	**2014/15**	2013/14	**%**
Mashonaland West	**411**	487	**-16**
Mashonaland Central	**778**	464	**68**
Mashonaland East	**2 809**	3 932	**-29**
Manicaland	**8 386**	6 336	**32**
Midlands	**4 789**	5 344	**-10**
Masvingo	**8 605**	12 705	**-32**
Matabeleland North	**16**	28	**-43**
Matabeleland South	**575**	294	**96**
Total	**26 369**	29 590	**-11**

FIG 10: FINGER MILLET AREA (HA) BY PROVINCE



4.4 Other Crops

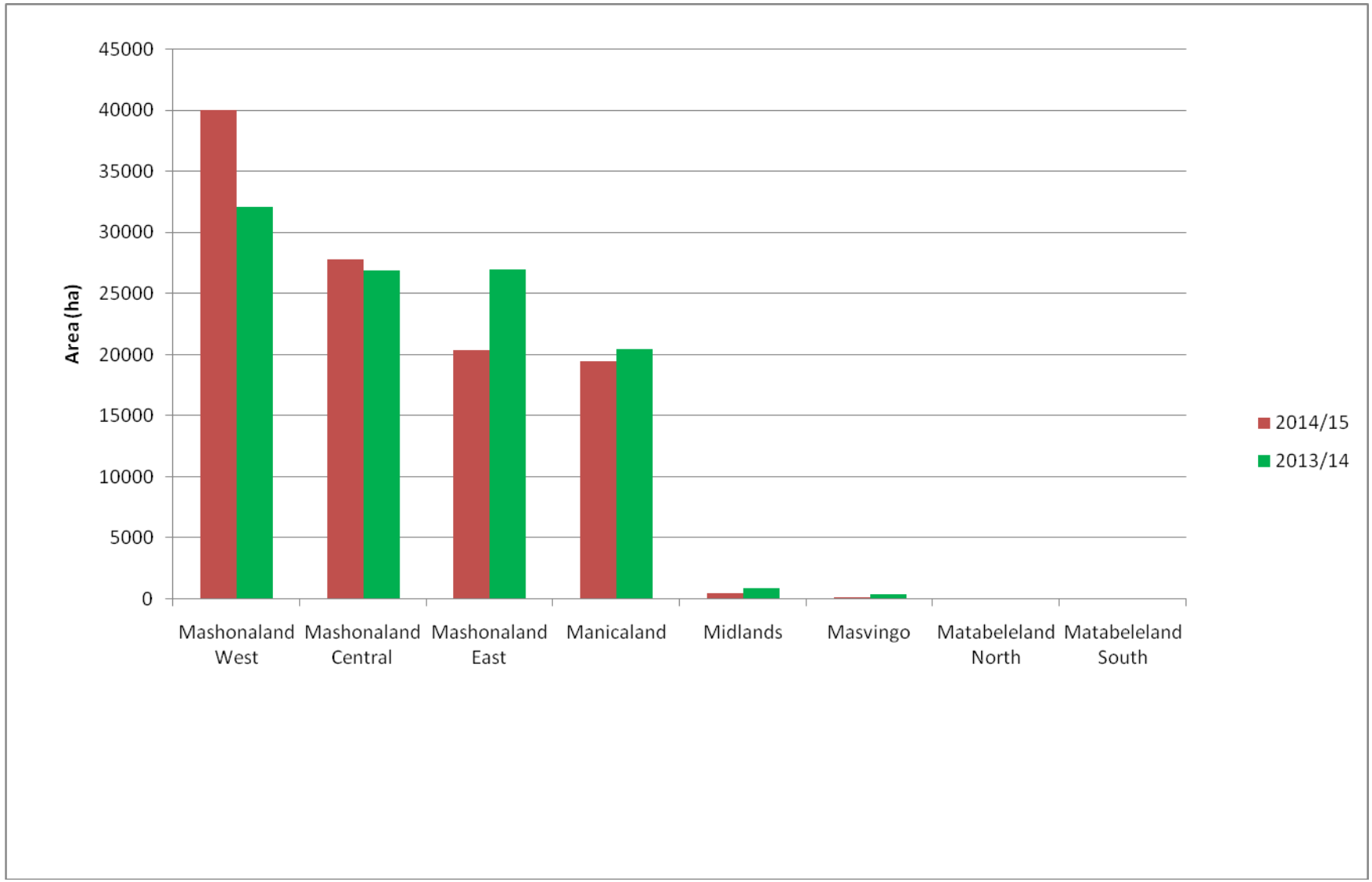
Tobacco

1. Crop stage ranges from vegetative to harvesting.
2. The late crop was affected by heavy leaching due to incessant rains received across the country.
3. False and flush ripening of the crop was experienced resulting in curing challenges.
4. The irrigated crop condition ranges from fair to good and the dry land crop is poor to fair.

TABLE 10: TOBACCO AREA (HA) BY PROVINCE

Province	**2014/15**	2013/14	**%**
Mashonaland West	**39 959**	32 008	**25**
Mashonaland Central	**27 742**	26 821	**3**
Mashonaland East	**20 376**	26 928	**-24**
Manicaland	**19 457**	20 420	**-5**
Midlands	**531**	830	**-36**
Masvingo	**207**	320	**-35**
Matabeleland North	**8**	20	**-60**
Matabeleland South	**27**	24	**13**
Total	**108 307**	107 371	**1**

FIG 11: TOBACCO AREA (HA) BY PROVINCE



Cotton

TABLE 11: COTTON AREA (HA) BY PROVINCE

Province	**2014/15**	2013/14	**%**
Mashonaland West	**4 417**	16 205	**-73**
Mashonaland Central	**32 338**	46 523	**-30**
Mashonaland East	**123**	1 869	**-93**
Manicaland	**6 531**	16 789	**-61**
Midlands	**75 949**	80 605	**-6**
Masvingo	**21 396**	32 114	**-33**
Matabeleland North	**5 773**	7 546	**-23**
Matabeleland South	**0**	27	**-100**
Total	**146 527**	201 678	**-27**

FIG 12: COTTON AREA (HA) BY PROVINCE

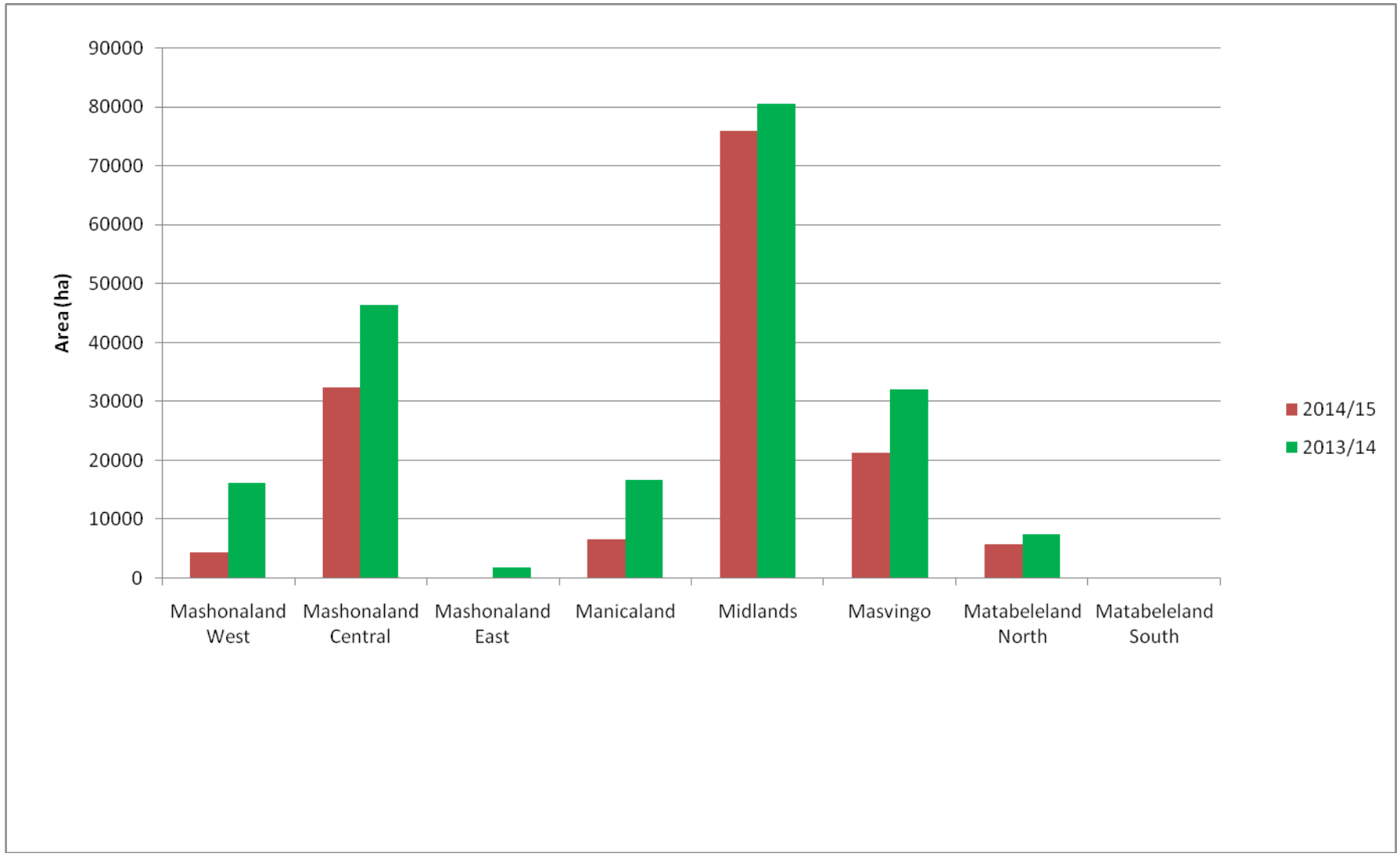


TABLE 12: AREA (HA) PLANTED TO OTHER CROPS

Crop	**2014/15**	2013/14	**%**	**Condition**
Soyabean	**36 316**	67 571	-46	Fair to Good
Groundnut	**240 904**	264 047	-9	Poor to Fair
Sunflower	**5 672**	11 101	-49	Poor to Fair
Sugarbean	**26 609**	39 257	-32	Fair to Good
Roundnut	**120 328**	112 338	7	Fair to Good

5. EXECUTIVE SUMMARY LIVESTOCK

TABLE 13: LIVESTOCK NUMBERS BY SPECIES BY PROVINCE

Province	Cattle		Sheep		Goats	
	2014/15	2013/14	2014/15	2013/14	2014/15	2013/14
Mashonaland West	684 328	773 569	108 479	130 021	116 565	111 003
Mashonaland Central	506 892	509 289	32 255	38 977	274 414	268 877
Mashonaland East	618 072	566 893	27 806	30 006	199 899	196 661
Manicaland	660 899	629 901	78 697	100 462	802 379	891 532
Midlands	727 767	712 693	93 510	93 796	524 755	499 703
Masvingo	1 007153	1 039 666	16 589	17 904	398 115	368 722
Matabeleland North	656 898	610 708	28 513	34 176	1 117 266	1 030 708
Matabeleland South	615 329	525 387	70 778	76 265	616 135	574 068
TOTAL	**5 477 338**	**5 368 106**	**456 627**	**521 607**	**4 049 528**	**3 941 274**

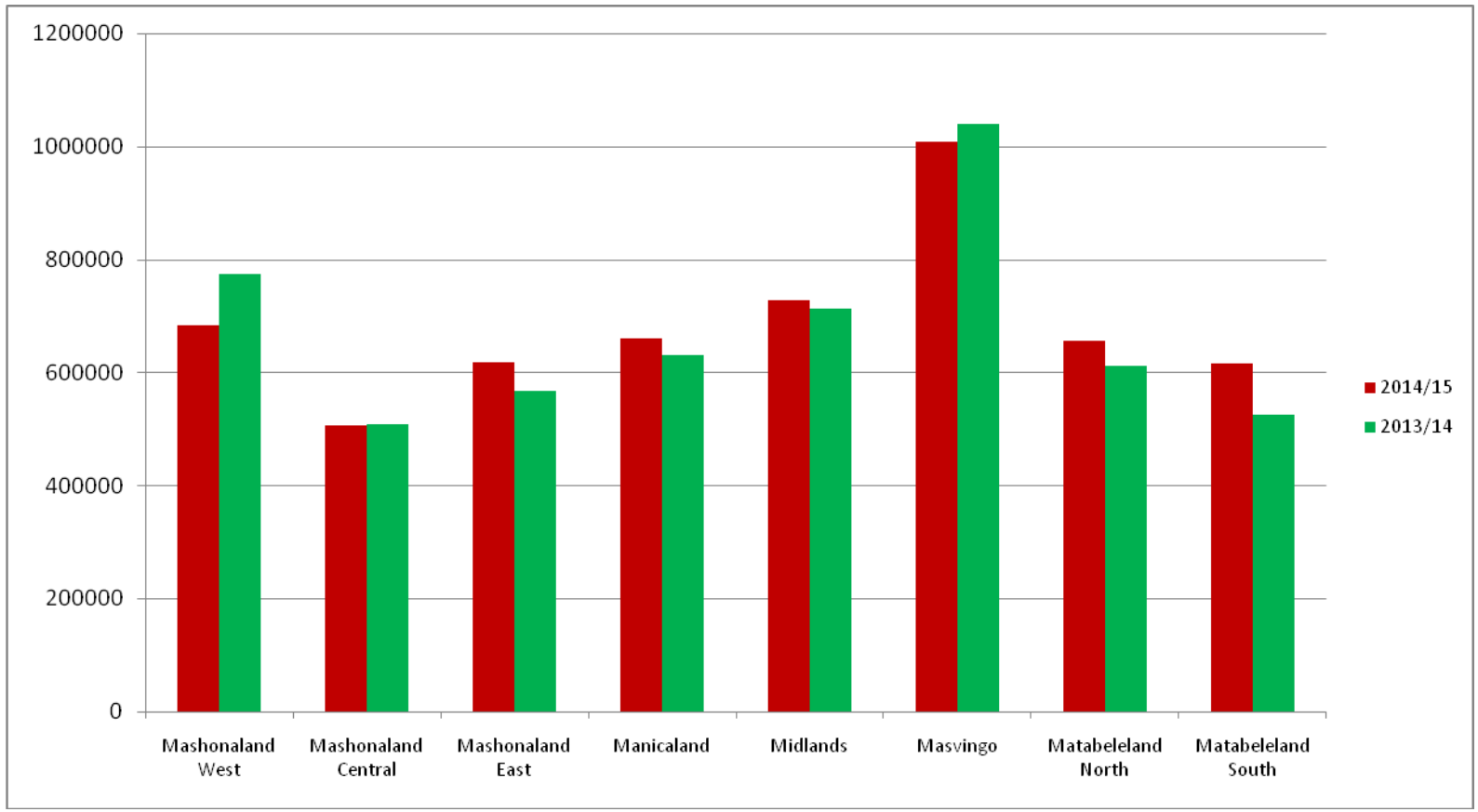
TABLE 14: CATTLE DISTRIBUTION BY SECTOR BY PROVINCE

PROVINCE	A2	A1	SSCF	OR	CA	Total
Mashonaland West	86 707	88 043	48 742	61 332	399 504	684 328
Mashonaland Central	36 001	66 342	23 534	27 745	353 270	506 892
Mashonaland East	84 575	61 428	36 029	45 346	390 694	618 072
Manicaland	36 930	35 524	17 384	58 475	512 586	660 899
Midlands	43 241	44 282	36 434	32 523	571 287	727 767
Masvingo	80 379	101 419	56 941	80 261	688 153	1 007 153
Matabeleland North	52 889	53 689	31 600	24 307	494 413	656 898
Matabeleland South	38 925	40 607	32 464	36 554	466 779	615 329
Total	**459 647**	**491 334**	**283 128**	**366 543**	**3 876 686**	**5 477 338**

TABLE 15: CATTLE DISTRIBUTION BY PROVINCE

PROVINCE	**2014/15**	2013/14	**%**
Mashonaland West	**684 328**	773 569	**-12**
Mashonaland Central	**506 892**	509 289	**-1**
Mashonaland East	**618 072**	566 893	**9**
Manicaland	**660 899**	629 901	**5**
Midlands	**727 767**	712 693	**2**
Masvingo	**1 007 153**	1 039 666	**-3**
Matabeleland North	**656 898**	610 708	**8**
Matabeleland South	**615 329**	525 387	**17**
Total	**5 477 338**	5 368 105	**2**

FIG 13: CATTLE DISTRIBUTION BY PROVINCE



1. There has been an increase in the population of all classes of livestock in the year 2014.
2. Cattle population increased by **2%** from **5 368 105** in 2013 to **5 477 338** in 2014.
3. Although there is an increase in cattle numbers nationally some districts recorded a decline in the population of cattle, with Shamva district recording the highest decline of about **28%** in A2 sector.
4. Other districts recording a decline include Centenary, Mudzi, Hwedza, Sanyati and UMP.
5. Goat population increased by **3 %**from **3 941 247** in 2013 to **4 049 528** in 2014 while the population of sheep decreased by **12%** from **521 607** to **456 627**.

TABLE 16: SHEEP DISTRIBUTION BY PROVINCE

PROVINCE	2014/15	2013/14	%
Mashonaland West	**108 479**	130 021	**-17**
Mashonaland Central	**32 255**	38 977	**-17**
Mashonaland East	**27 806**	30 006	**-7**
Manicaland	**78 697**	100 462	**-22**
Midlands	**93 510**	93 796	**-1**
Masvingo	**16 589**	17 904	**-7**
Matabeleland North	**28 513**	34 176	**-17**
Matabeleland South	**70 778**	76 265	**-7**
Total	**456 627**	**521 607**	**-12**

FIG 14: SHEEP DISTRIBUTION BY PROVINCE

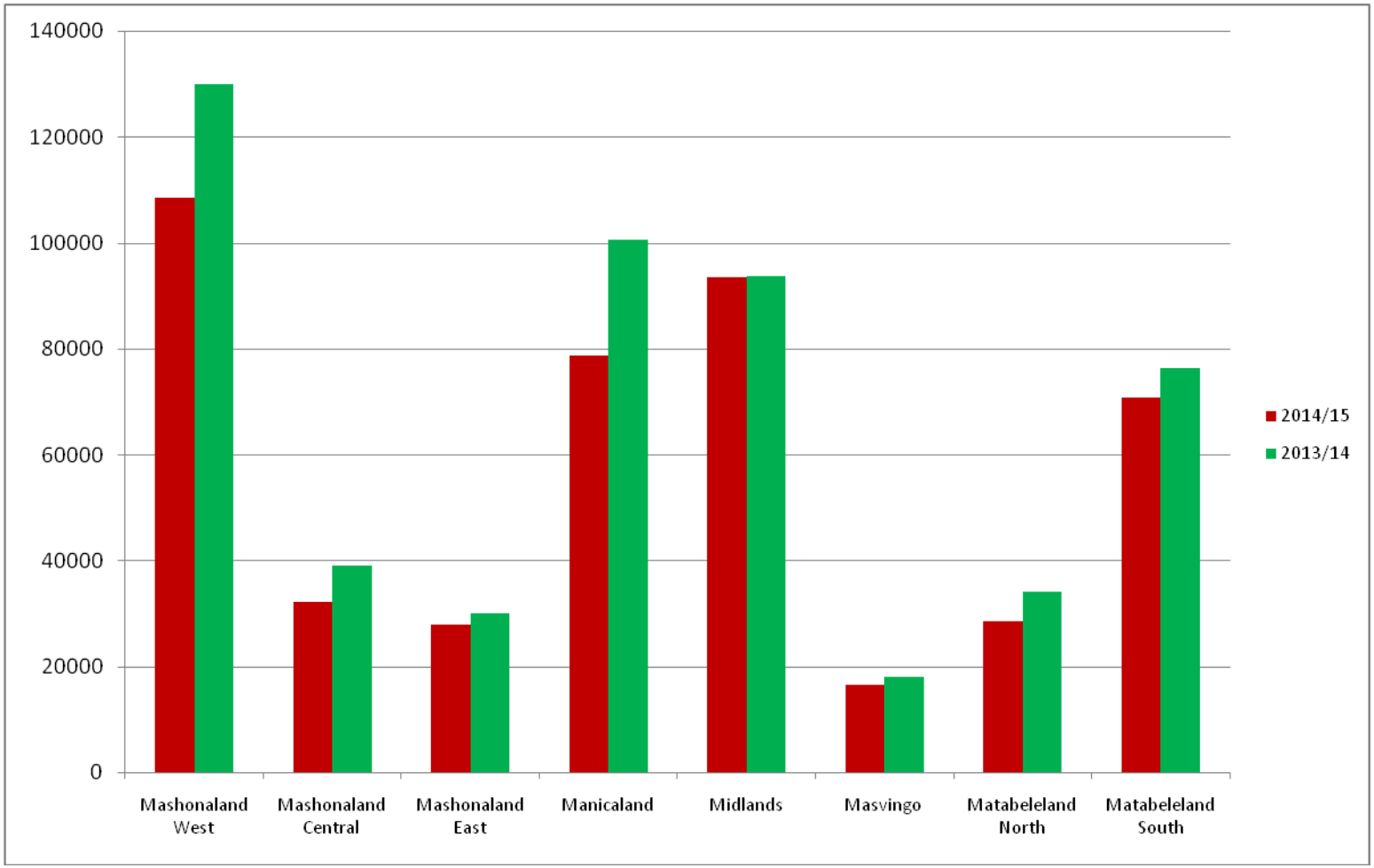
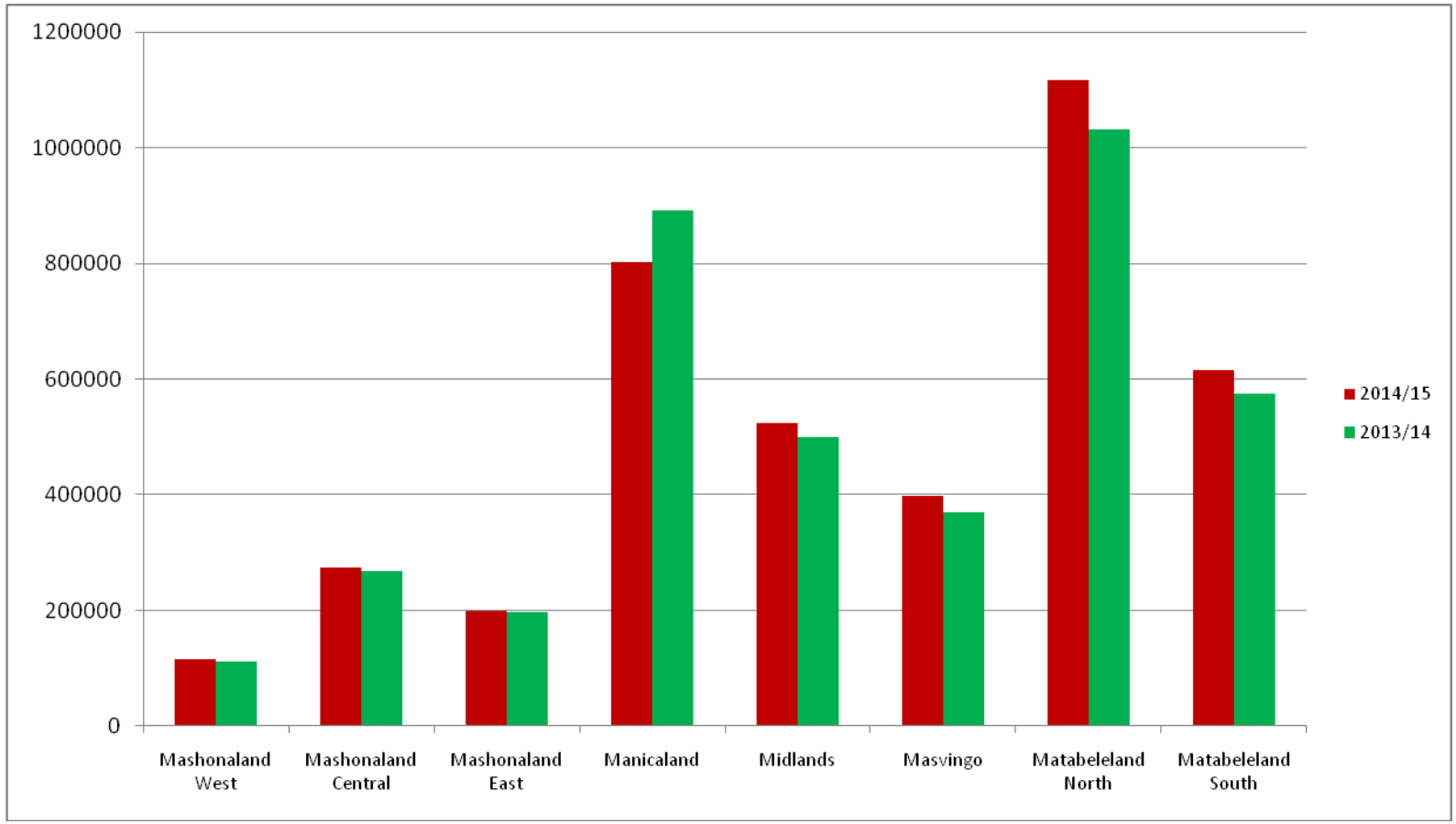


TABLE 17: GOATS DISTRIBUTION BY PROVINCE

PROVINCE	2014/15	2013/14	%
Mashonaland West	**116 565**	111 003	**5**
Mashonaland Central	**274 414**	268 877	**2**
Mashonaland East	**199 899**	196 661	**2**
Manicaland	**802 379**	891 532	**-10**
Midlands	**524 755**	499 703	**5**
Masvingo	**398 115**	368 722	**8**
Matabeleland North	**1 117 266**	1 030 708	**8**
Matabeleland South	**616 135**	574 068	**7**
Total	**4 049 528**	**3 941 274**	**3**

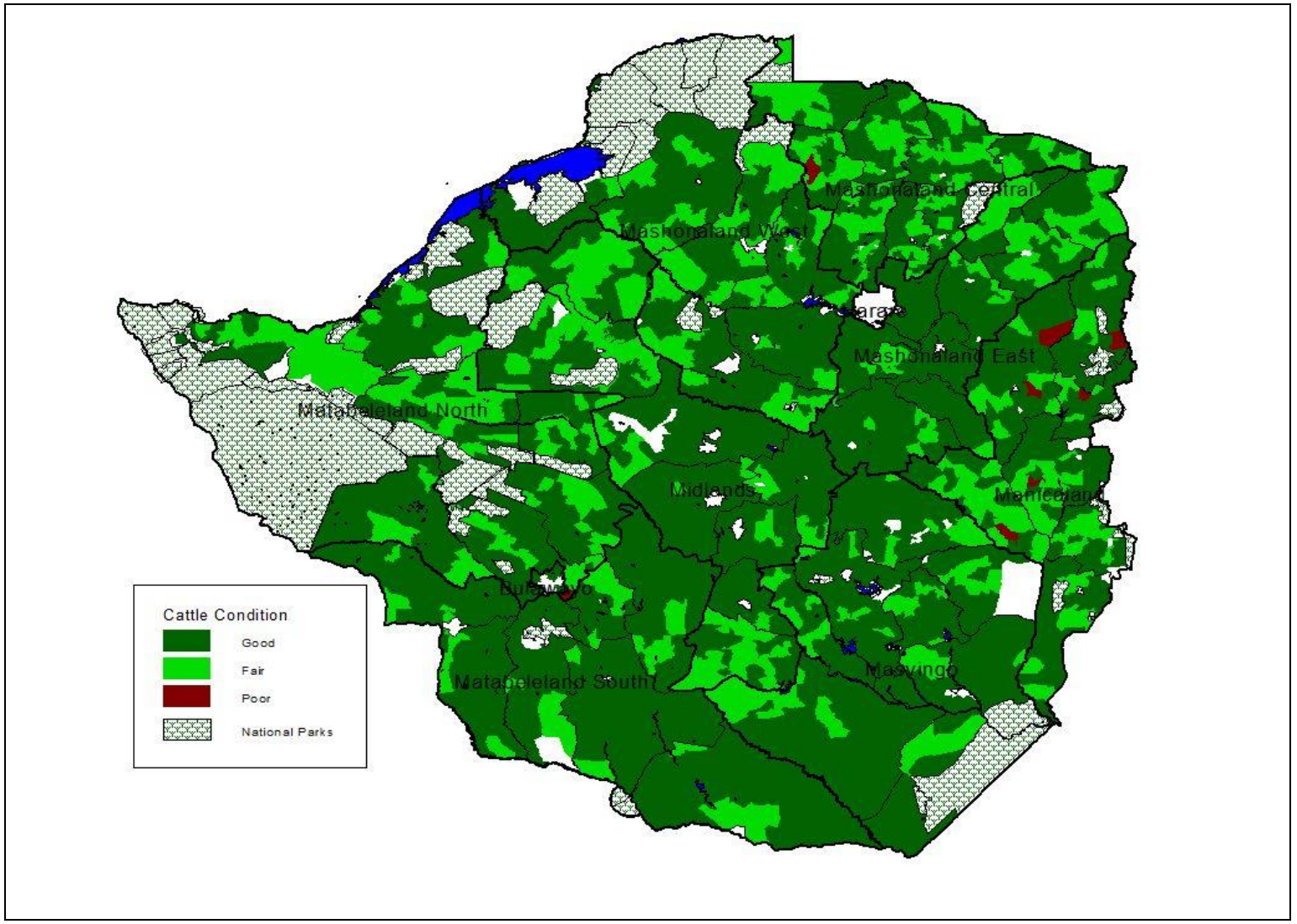
FIG 15: GOATS DISTRIBUTION BY PROVINCE



5.1 Livestock Condition

1. All classes of livestock, both ruminants and non-ruminants, were in fair condition in most communal areas and good in other sectors.
2. Cattle condition was affected by depleted grazing areas, inadequate drinking water and lack of de-worming.

FIG 16: CATTLE CONDITION



Grazing and Stock feed Availability

3. Most areas in the country had adequate grazing.
4. Some parts of Matabeleland North and South, Manicaland, Midlands and Masvingo had inadequate grazing which may not last into the next season
5. Quality of grazing in some communal and Old Resettlement areas is poor as it is comprised mainly of grass species with poor palatability and low nutritional value due to overgrazing. The herbage yield of the veld is also low.
6. Stock feeds were available on the market though the majority of smallholder farmers could not afford them.

FIG 17: GRAZING AVAILABILITY

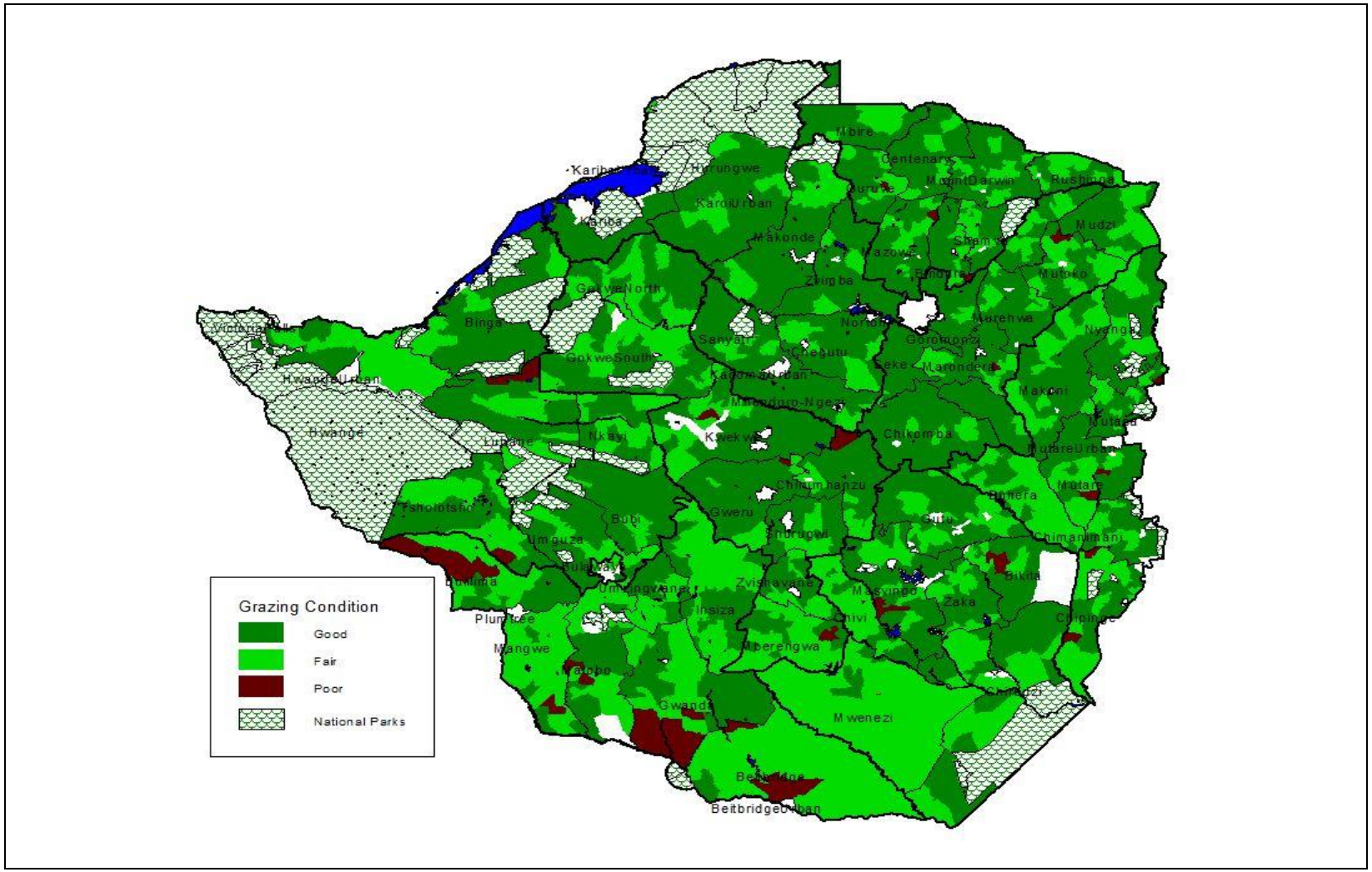
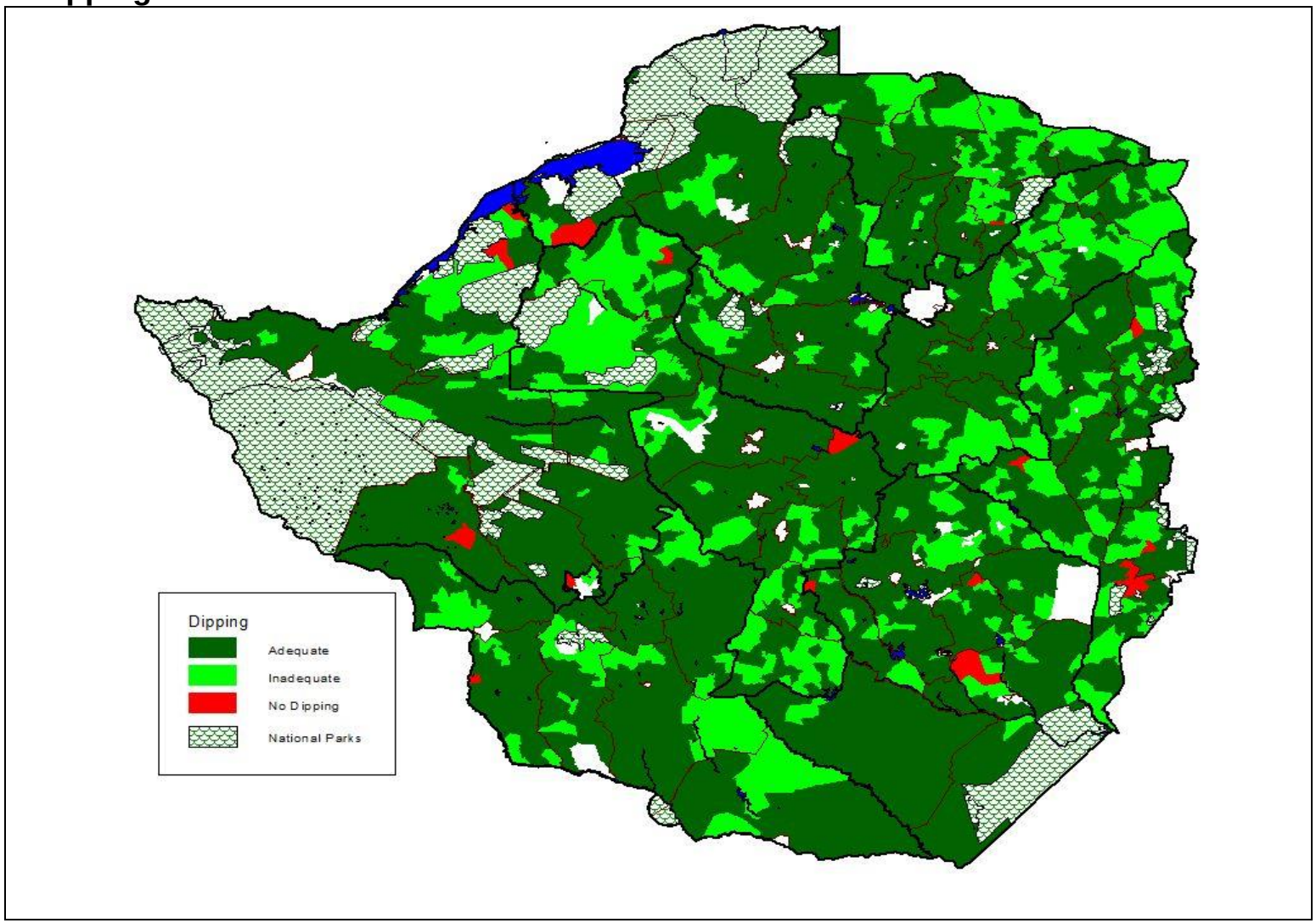


Fig 18: Dipping



5.2 Calving rates

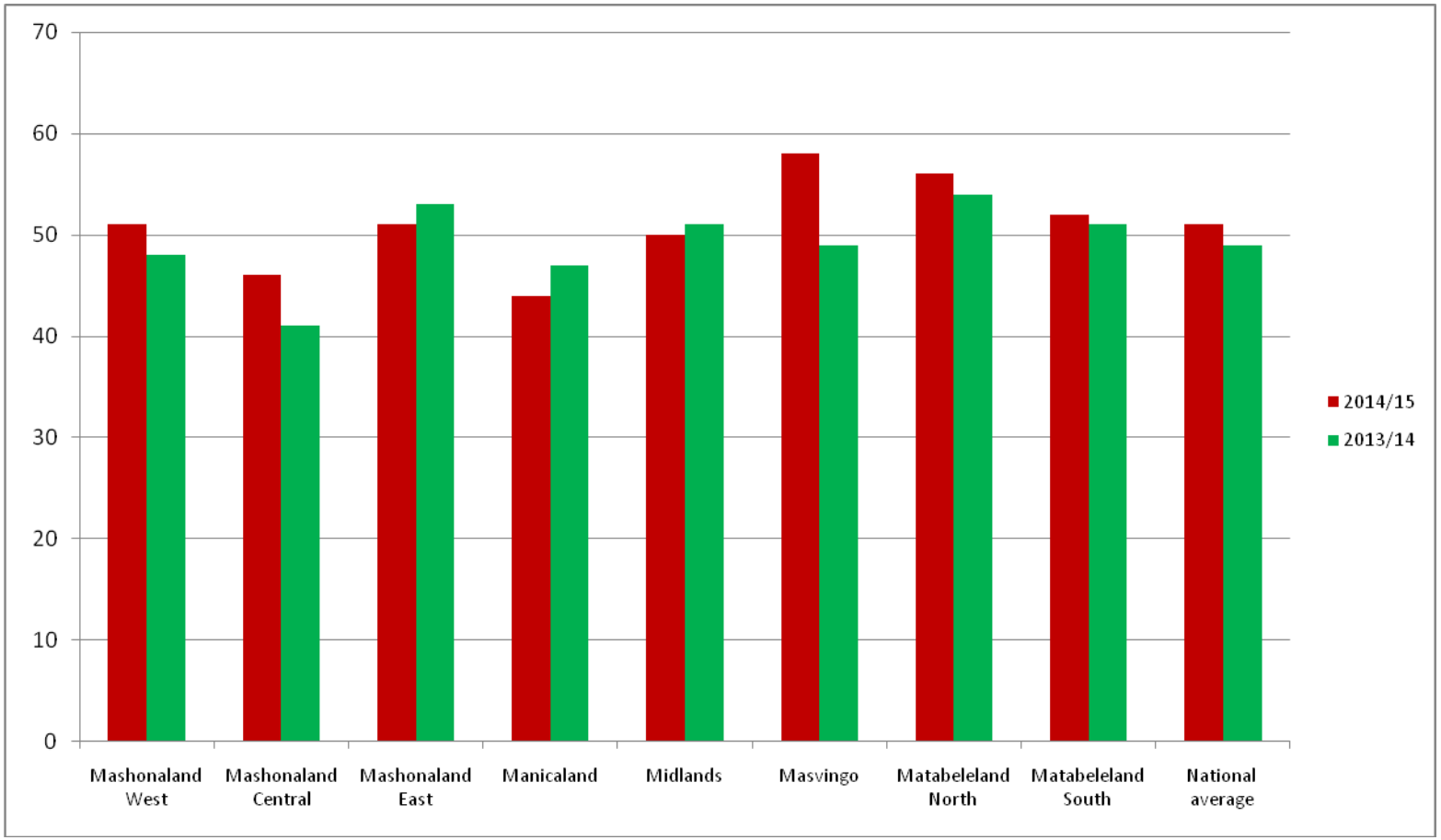
The national average calving rate increased to **51%,** from **49%** in 2013/14.

TABLE 18: CALVING RATES

Province	**Calving Rate %**		**+/-(%)**
Province	2014/15	2013/14	%
Mashonaland West	51	48	3
Mashonaland Central	46	41	5
Mashonaland East	51	53	-2
Manicaland	44	47	-3
Midlands	50	51	-1
Masvingo	58	49	9

Matabeleland North	56	54	2
Matabeleland South	52	51	1
National average	51	49	2

FIG 19: CALVING RATES



5.3 Cattle Marketing

TABLE 20: CATTLE SLAUGHTER

Month	**2014**	2013	**(+/-) %**
January	**19 338**	20 524	**-6**
February	**18 313**	19 684	**-7**
March	**19 673**	21 751	**-10**
April	**21 044**	22 274	**-6**
May	**21 676**	24 094	**-10**
June	**21 182**	21 544	**-2**
July	**22 398**	24 085	**-7**
August	**20 727**	23 085	**-10**
September	**20 596**	20 257	**2**
October	**21 037**	21 769	**-3**
November	**16 948**	19 732	**-14**
December	**19 649**	20 547	**-4**
Total	**242 581**	259 346	**-6**

FIGURE 20: CATTLE SLAUGHTER

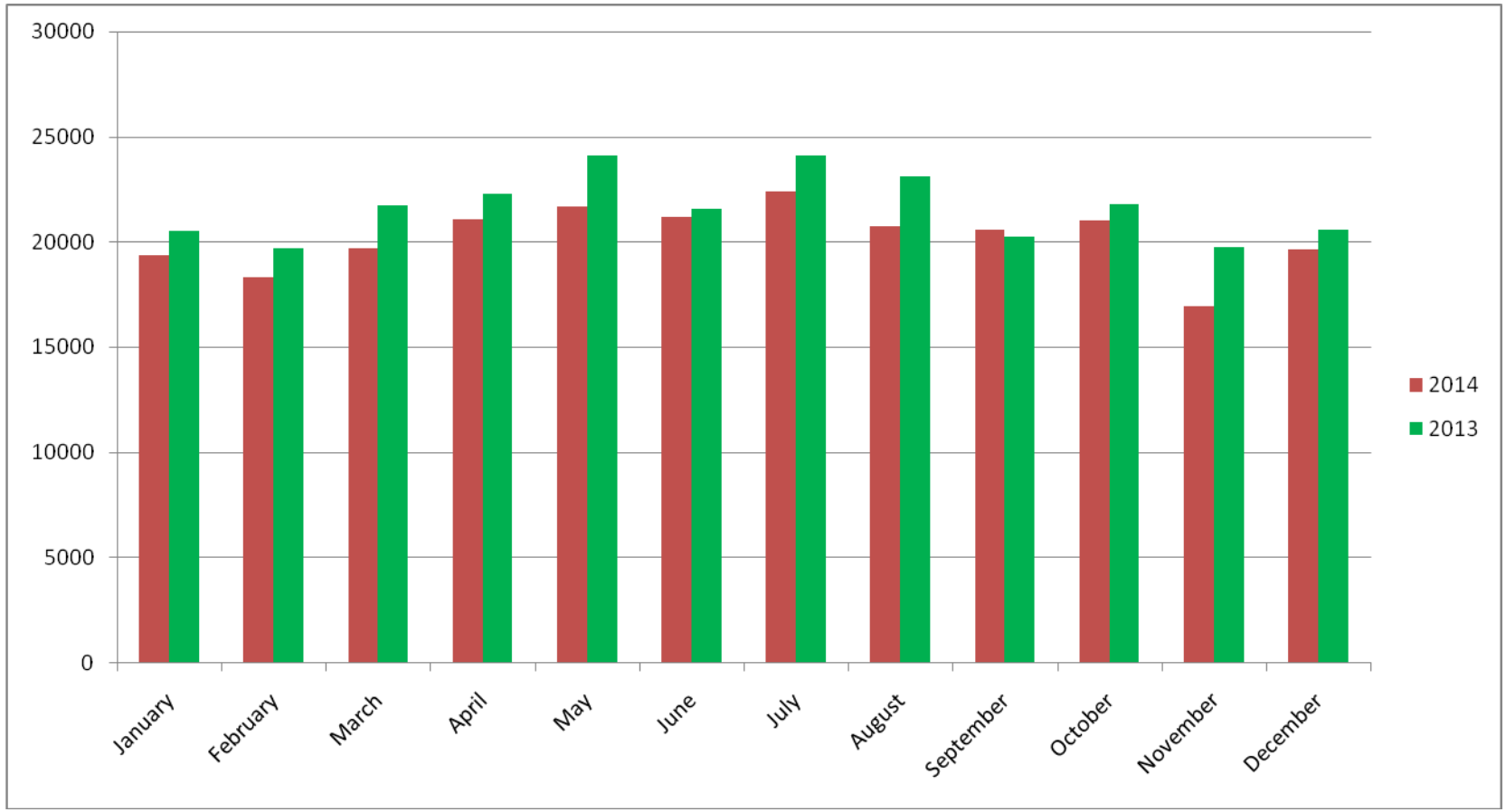


TABLE 19: MILK PRODUCTION FIGURES 2014 AND 2013 SEASON

Month	2014			2013			
	Intake by Processors	**Farm-gate sales**	**Total**	**Intake by Processors**	**Farm-gate sales**	**Total**	**(+/-) %**
January	**4 104 680**	**482 180**	**4 586 860**	4 345 327	437 998	4 783 325	-4
February	**3 508 599**	**462 997**	**3 971 596**	3 690 212	424 484	4 114 696	-3
March	**4 050 911**	**460 019**	**4 510 930**	4 000 058	422 305	4 422 363	2
April	**4 109 003**	**462 785**	**4 571 788**	3 925 960	441 210	4 367 170	5
May	**4 132 206**	**472 562**	**4 604 768**	3 998 931	442 362	4 441 293	4
June	**4 044 823**	**470 417**	**4 515 240**	3 928 786	432 986	4 361 772	4
July	**4 194 380**	**511 832**	**4 706 212**	4 130 940	450 191	4 581 131	3
August	**4 319 628**	**536 949**	**4 856 577**	4 340 200	466 348	4 806 548	1
September	**4 282 935**	**515 419**	**4 798 354**	4 105 757	465 633	4 571 390	5
October	**4 346 558**	**541 753**	**4 888 311**	4 078 600	502 825	4 581 425	7
November	**4 078 446**	**526 958**	**4 605 404**	4 055 041	505 238	4 560 279	1
December	**4 312285**	**550 750**	**4 863 035**	4 549 597	526 106	5 075 703	-4
Total	**45 172 169**	**5 443 871**	**50 616 040**	**49 149 409**	**5 517 686**	**54 667 095**	**-7**

5.4 Poultry

TABLE 21: DAY OLD CHICK AND EGG PRODUCTION

Year	Day Old Chicks	Sexed Pullets	Eggs (dozen)
2005	31 759 000	2 041 000	20 000 000
2006	33 400 000	1 906 000	21 033 000
2007	29 673 000	1 789 000	17 711 000
2008	17 101 000	1 383 000	7 789 000
2009	12 833 000	1 269 000	7 566 000
2010	37 523 000	2 422 000	16 423 000
2011	52 099 000	2 236 000	23 393 000
2012	72 00 000	2 795 000	63 600 000
2013	64 415 326	2 005 275	24 605 308
2014	77 721 780	2 398 980	28 318 704

6. LIVESTOCK HEALTH SITUATION

6.1 Foot and Mouth Disease (FMD)

6.1.1 A primary outbreak was reported in Mwenezi in April 2014 which later spread to Chivi in July and Mberengwa in August Masvingo in September and Gwanda in October.

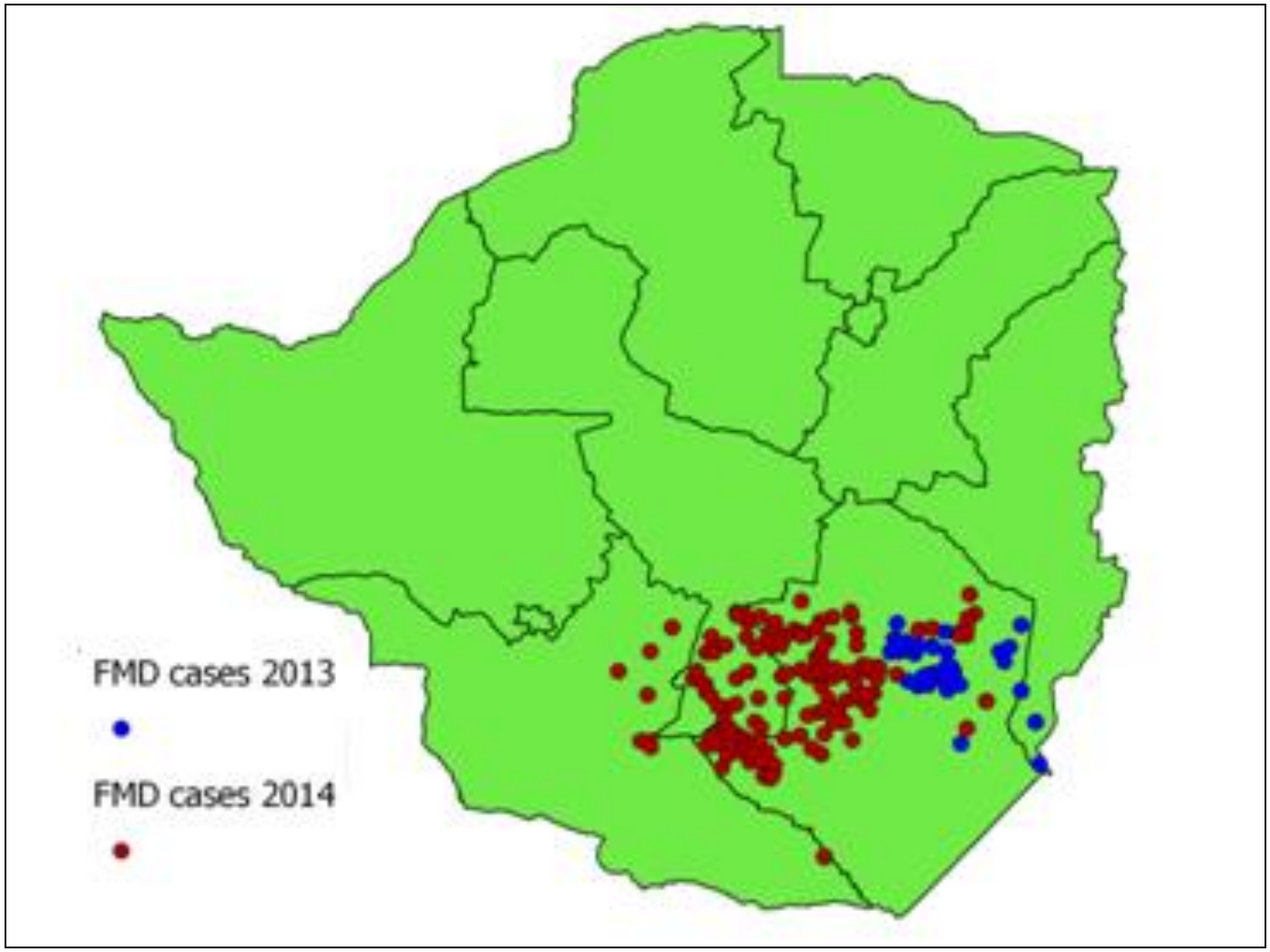
6.1.2 The source was the cattle-buffalo contact at Nuanetsi Ranch.

6.1.3 Cases continue to be reported in Zvishavane and Mberengwa

6.1.4 Shurugwi is constantly under threat due to movement of cattle.

6.1.5 Control of the disease is underway

FIG 21: FOOT AND MOUTH DISEASE OUTBREAK 2013 AND 2014 SEASON



6.2 Rabies

TABLE 22: RABIES OUTBREAKS BY PROVINCE

Province	**2014**	2013	**(+/-) %**
Mashonaland West	**30**	8	**275**
Mashonaland Central	**18**	17	**6**
Mashonaland East	**4**	6	**-33**
Manicaland	**259**	22	**1 077**
Midlands	**25**	29	**-14**
Masvingo	**213**	46	**363**
Matabeleland North	**19**	8	**138**
Matabeleland South	**54**	45	**20**
Total	**622**	**181**	**244**

FIG 22: RABIES OUTBREAKS BY PROVINCE

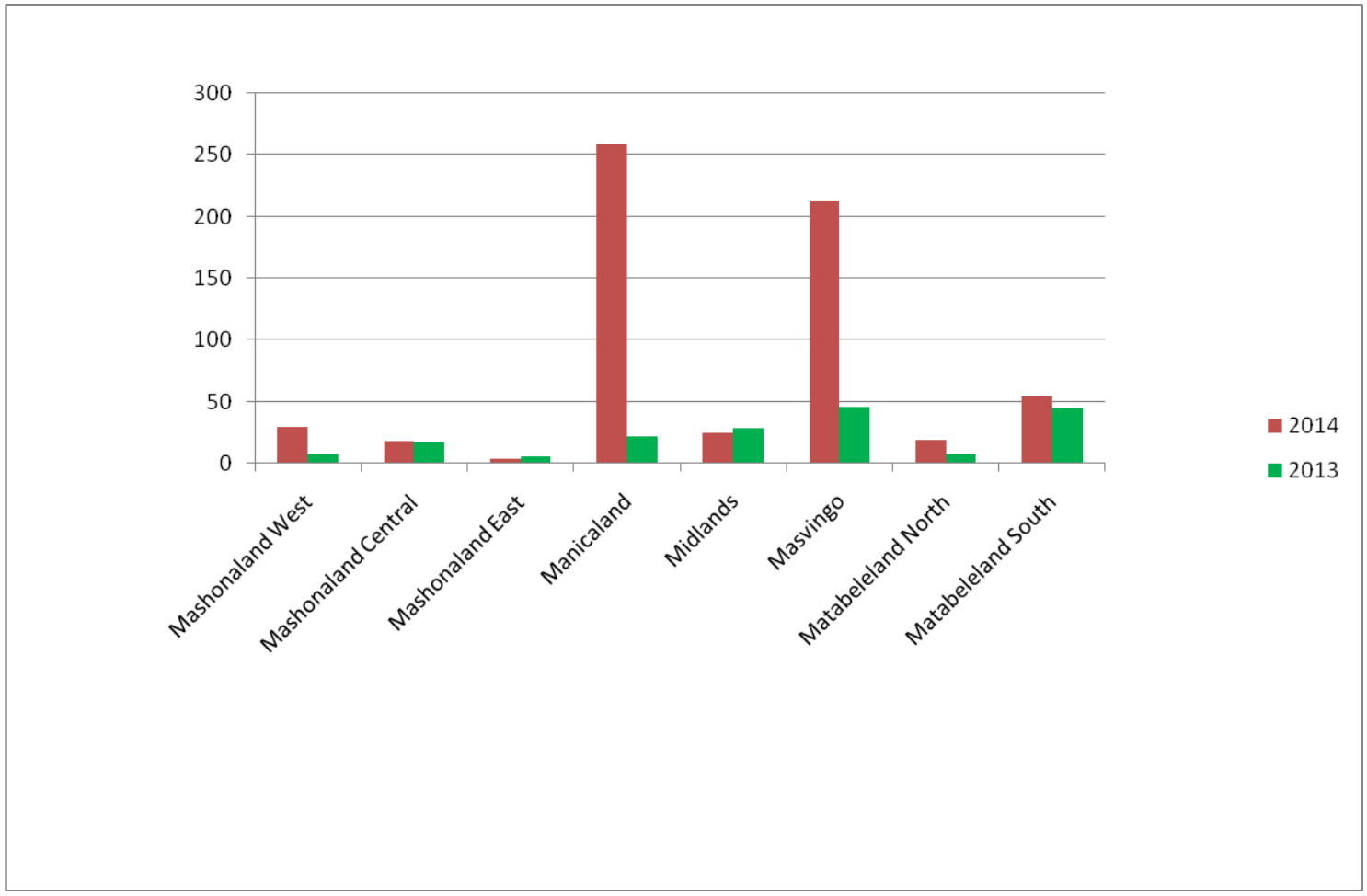


TABLE 23: RABIES OUTBREAKS BY SPECIES

Species	**2014**	2013	**(+/-) %**
Cattle	**59**	28	111
Dogs	**538**	136	296
Goats	**18**	10	80
Donkeys	**7**	10	-30
Total	**622**	**184**	238

6.3 Anthrax

6.3.1 Outbreaks were reported in Buhera, Chipinge, Chivi, Gutu, Gwanda, Makoni, Mutare, Umguza and Zaka districts involving a total of **19 dip tanks** and killed **100 cattle.**

6.4 Tick-Borne Diseases

6.3.2 The common diseases in cattle were babesiosis(redwater), heartwater, anaplasmosis (gallsickness) and theileriosis (east coast fever).

6.3.3 Tick-borne diseases accounted for about **10%** of the total infections reported in cattle as compared to **20%** and about **8%** of cattle deaths reported due to diseases compared to **30%** in 2013.

6.3.4 Of these diseases heartwater and anaplasmosis affected more cattle **(80%).**

6.5 Other Diseases of Cattle

6.3.5 Other diseases were lumpy skin, blackleg, dermatophilosis (senkobo), and mastitis.

6.3.6 There was an increase in conditions of reproductive nature such as retained placentas, dystocia (difficult birth), uterine prolapses and milk fever which increase with poor nutrition.

6.6 Diseases of small stock

Sheep and goats

- The common diseases reported for sheep and goats were internal parasites, heartwater, orf, footrot, ophthalmia and mange.

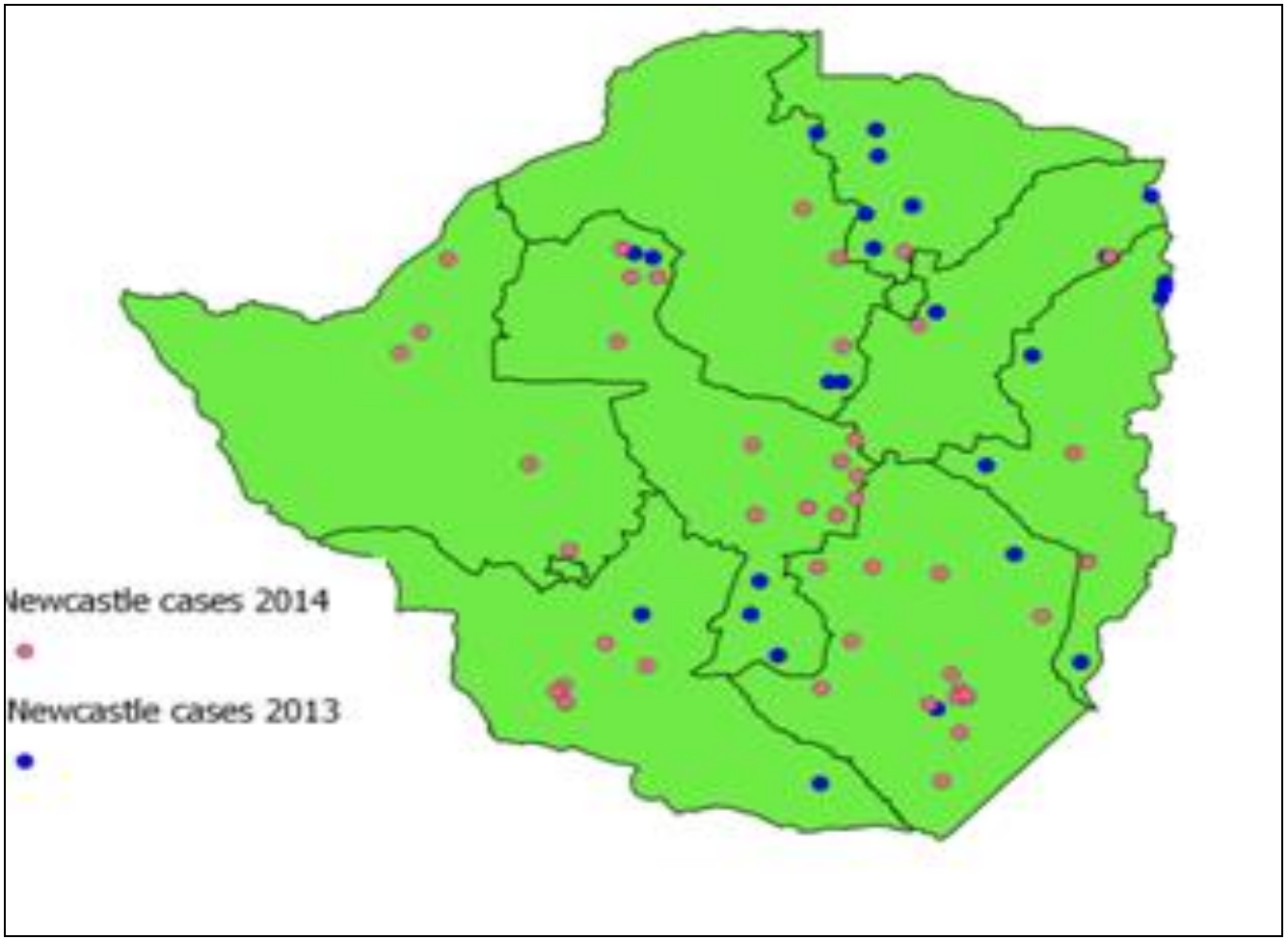
Pigs

- The only major problem reported for pigs was mangemainly in the smallholder sector.

Poultry

- There were minor outbreaks of Newcastle disease recorded in 2014 affecting a few households. Suspected cases of the disease were reported in Binga and Hwange along the Zambezi River during the time of the assessment.
- Mass vaccinations could not be adequately done as scheduled due to constraints in vaccine production.
- Other diseases of birds reported in order of occurrence were coccidiosis, fowlpox, infectiouscoryza, and infectious bursal disease and a problem of external parasites mainly with the indigenous chickens.

FIG 23: NEWCASTLE OUTBREAK 2013 AND 2014 SEASON

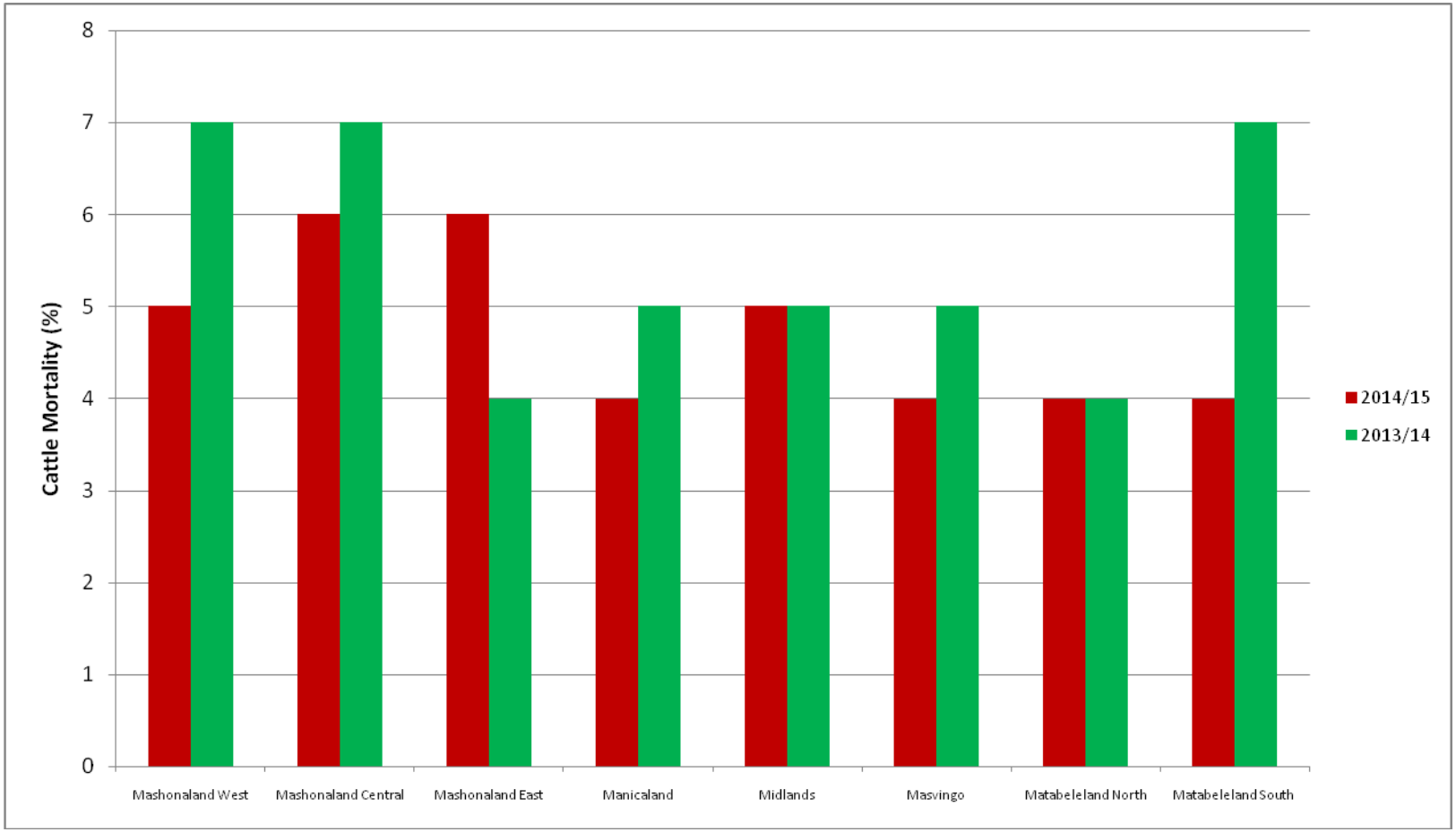


6.7 Livestock Mortality

Table 24: **Mortality of Cattle by Province**

Province	Cattle mortality (%)		+/- %
	2014/15	2013/14	
Mashonaland West	**5**	7	-2
Mashonaland Central	**6**	7	-1
Mashonaland East	**6**	4	2
Manicaland	**4**	5	-1
Midlands	**5**	5	0
Masvingo	**4**	5	-1
Matabeleland North	**4**	4	0
Matabeleland South	**4**	7	-3
National Average	**5**	**7**	2

Fig 24: Mortality of Cattle by Province



Mortality in Small ruminants

1. Mortality rates for goats and sheep for 2014/15 season were above the acceptable mortality rate of **5%.**
2. Highest mortalities were recorded in kids and lambs, with kids contributing about 81% of the total mortality.
3. Kid mortality was recorded at 33%.

TABLE 12: MORTALITY OF GOATS AND SHEEP (2014/15 SEASON)

Province	Flock mortality (%)			
	Goats			Sheep
	Total mortality	Proportion of adult deaths	Proportion of kid deaths	
Mashonaland West	9	21	79	14
Mashonaland Central	10	24	76	19
Mashonaland East	10	20	80	13
Manicaland	8	20	80	14
Midlands	11	20	80	7
Masvingo	11	11	89	14
Matabeleland North	9	40	60	18
Matabeleland South	15	14	86	17
National Average	**10**	**19**	**81**	**13**

Tsetse control issues

1. Cumulatively approximately **52 000km^2** of land was cleared of tsetse for crop and livestock production since independence in the farming communities.
2. Agriculture potential in the Tsetse cleared areas was enhanced through implementation of Tsetse control interventions
3. Total cattle numbers increased by **5%** from **250 694** in 2013/14 to **264 362** in 2014/15 in parts of Gokwe North, Kariba, Hurungwe, Makonde, Guruve, Mbire, Centenary, Mt Darwin, Mudzi, Rushinga, Nyanga North, Mutasa, Chipinge and Chiredzi.
4. Calving rates also increased from **41%** in 2013/14 to **42%** in the 2014/15 season in the same areas.