

SA Fire Loss Statistics 2015

In Context: Direct fire loss figure close to R3-billion for 2015

THE STATISTICS THAT FOLLOW IN the next few pages may not be a true reflection of the actual experience during 2015. The data only reflect fires attended by reporting fire services and therefore exclude underground fires, those that occur in key points, and those that have happened in areas where no professional fire services exist. Nevertheless, the figures show that fires continue to plague the country, consuming a large percentage of the official Gross National Income.

It should be embarrassing to us that the incidence of fire continues to increase when we know more today about the science of fire and we should, therefore, be able to reduce fire losses through ever-improving fire-prevention capabilities.

This may be because our exposure to fire and its devastating consequences is limited. We are more likely to be concerned about the daily issues of personal security, traffic congestion and potholes than the seemingly distant threat of fires.

Efforts to improve the national compilation of more accurate formal fire loss figures are progressing. Meanwhile, we gratefully acknowledge all participating insurers and fire services for their assistance in providing the information that is reflected in the following pages.

Loss leaders

Fire losses are up on last year, but remained lower than the nearly

R3-billion loss in 2012. Residential and transport losses continue to climb. Building replacement costs are increasing as formal housing developments expand. These account for the majority of costly fires.

Rail transport falls behind as road transport carries more valuable cargo loads efficiently, but with more exposure risk to possible accidents and consequential fires.

Fire services

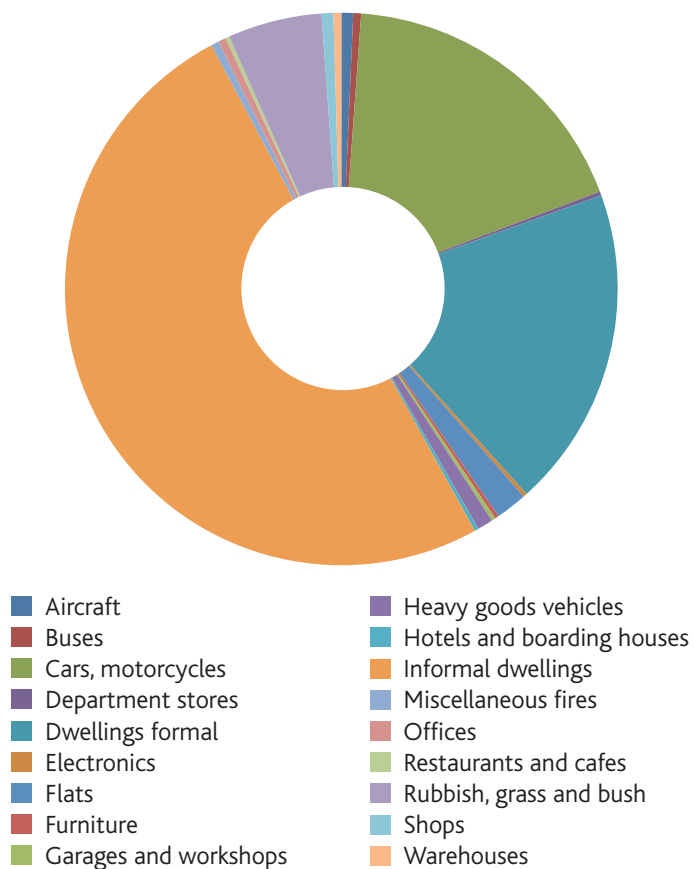
The double page spread (pages 26 and 27) documents the responses of those

fire brigades that reported call-out activities during 2015. Of the nearly 46 000 fire calls attended, 57% were to deal with fires involving grass, bush and agriculture. This is a seemingly frivolous, time-consuming activity that must, however, be dealt with to protect structures under threat, as well as valuable crops, grazing land and plantations that produce economically vital paper, timber and charcoal.

The cost of curtailing these incidents continues to be drain on available resources and is extremely costly.



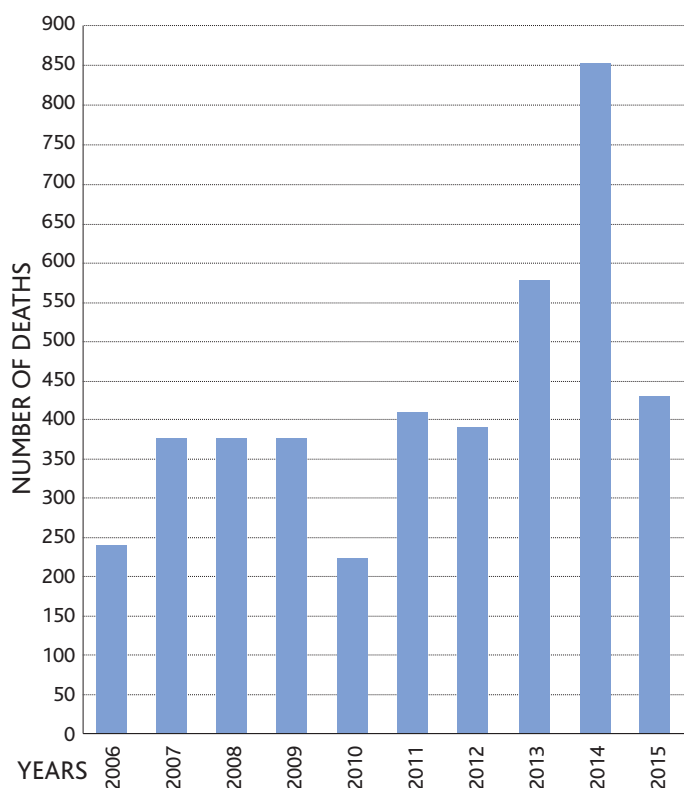
Fatalities 2015



Deaths 2015 by sector

Description	Adult
Aircraft	3
Buses	2
Cars, motorcycles	79
Department stores	1
Dwellings formal	82
Electronics	1
Flats	8
Furniture	1
Garages and workshops	1
Heavy goods vehicles	4
Hotels and boarding houses	1
Informal dwellings	219
Miscellaneous fires	2
Offices	2
Restaurants and cafes	1
Rubbish, grass and bush	24
Shops	3
Warehouses	2
Total	436

Compared fire deaths 2005 - 2015



Number of fires 2006 - 2015

Year	Number of Fires
2006	26475
2007	40582
2008	35432
2009	40481
2010	26574
2011	37721
2012	41481
2013	42343
2014	46187
2015	45784

BRIGADE CALLS 2015	RESIDENTIAL																		INSTITUTIONAL		PUBLIC ASSEMBLY					COMMERCIAL					STORAGE		INDUSTRY												TRANSPORT					OTHER				TOTAL	
	Dwelling	Informal dwellings	Flats	Hotels/boarding houses	Hop/pale/ransing	Educational establs	Churches/halls	Cinemas/theatres	Museums etc.	Night clubs/dance	Restaurants/cafes	Offices	Shops	Dept. stores	Garages/workshops	Warehouses	Outside storage		Furniture	Plastics/rubber	Textile	Printing	Milling	Petroleum	Food/drink	Paper/packaging	Chemical	Metal	Electronics	Mines (surface)	Utilities	Cars/motorcycles	Buses	Heavy goods vehicles	Ships	Trains	Aircraft	Rubbish/grass/bush	Plantations/forests	Agricultural	Miscellaneous														
ABAQULUSI MUNICIPALITY(Vryheid)	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17												
BITOU - PLETTENBURG BAY PROTECTION SERVICES	9	17	4	-	-	-	-	-	-	-	-	-	-	1	-	6	9		2	-	-	-	3	-	-	5	-	2	-	-	7	-	-	-	1	-	57	25	-	3	151														
BUFFALO CITY MUNICIPALITY(Bisho)	166	396	15	4	1	4	2	-	1	1	1	10	17	3	2	1	2		1	1	2	-	-	-	-	5	-	-	-	-	84	4	2	-	1	-	714	-	-	239	1679														
CAMDEBOO FIRE DEPARTMENT(Graff Reinet)	9	14	2			1				1						1								1	1			1			6		1			31	3		7	79															
CAPE TOWN METRO COUNCIL	1409	1462	146	15	26	50	18	2	3	4	48	83	115	21	39	9	45		5	10	12	4	7		13	5	8	19	4	2	11	496	24	50	10	16	2	8352	21	15	655	13236													
DIHLABENG PROTECTION SERVICES(Bethlehem)	11	11	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	41	-	-	21	90															
Dr RUTH S. MOMPATI FIRE DEPARTMENT(Naledi)	81	43	-	2	-	-	-	-	-	-	-	-	7	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	112	-	5	-	-	-	58	10	-	9	327														
EKURHULENI METROPOLITAN MUNICIPALITY	489	575	11	1	2	5	3	-	1	-	11	6	-	6	9	28	33		20	11	3	-	-	4	1	8	12	13	47	-	48	127	18	28	-	15	-	860	26	3	19	2443													
EMFULENI MUNICIPALIT FIRE & EMS(Vanderbijlpark)	5	19	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1		-	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	31	-	-	-	61														
EMNAMBITHI PROTECTION SERVICES(Ladysmith)	12	25	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	6	-	3	-	-	-	87	5	-	-	139															
ETHEKWINI UNICITY MUNICIPALITY	643	659	58	15	14	30	10	4	1	2	34	30	109	6	18	19	42		6	4	17		3	22	8	8	13	15	2		32	344	18	83	1	7	1	5187	19	8	506	7998													
GOVEN MBEKI FIRE DEPARTMENT(Secunda)	84	53	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-		-	6	-	-	-	-	-	-	4	27	-	-	13	1	7	-	-	-	286	-	-	13	497														
HIBISCUS COAST MUNICIPALITY(Port Shepstone)	61	123	-	1	-	2	-	-	-	-	1	-	2	-	-	-	1		1	2	-	-	-	-	-	1	1	24	-	-	527	9	17	-	-	-	473	78	-	95	1419														
INKOSI LANGALIBALELE MUNICIPALITY	8	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-		-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	36	-	-	1	56													
JOHANNESBURG EMS	408	318	13	4	3	6	2	1	1	-	5	6	27	2	4	2	2		5	4	3	1	-	-	5	2	2	1	35	-	20	141	6	4	1	3	1	1244	11	4	110	2407													
KHARA HAIS FIRE DEPARTMENT(Upington)	22	44	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	30	22	-	-	133															
KNYSNA MUNICIPALITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	1	-	9															
KOUGA MUNICIPALITY(Jeffrey's Bay)	35	77	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	9	-	-	11	-	-	-	-	-	59	-	-	3	200														
KWA-DUKUZA FIRE DEPARTMENT(Ballito)	41	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		-	8	7	-	-	-	-	-	-	12	-	-	28	-	-	-	-	-	115	9	-	-	282														
LANGEBERG FIRE DEPARTMENT	8	29	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1		-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	76	1	1	7	127														
LEKWA-TEEMANE FIRE DEPARTMENT(Bloemhof)	40	51	-	-	-	1	-	-	-	-	-	-	3	-	2	-	-		-	-	-	-	-	2	-	-	-	-	-	-	5	-	2	-	-	-	164	-	15	-	285														
LUKHANJE FIRE & EMS(Queenstown)	27	26	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-		-	-	-	-	-	-	-	-	-	2	-	-	8	-	-	-	-	-	47	-	-	5	117														
MADIBENG FIRE DEPARTMENT	35	16	1	1	-	-	-	-	-	1	2	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	9	-	-	5	-	4	-	-	1	76	-	-	4	155														
MAKANA LOCAL MUNICIPALITY	17	12	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	6	99															
MALUTI A-PHOFUNG FIRE DEPARTMENT	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	12	-	-	1	22														
MANGAUNG LOCAL MUNICIPALITY	127	152	7	-	3	5	3	-	1	1	5	11	10	-	2	7	5		-	-	-	-	-	-	-	-	-	2	3	-	-	28	1	7	-	-	-	519	-	-	8	907													
MANTSOPA MUNICIPALITY	40	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	2	-	-	-	-	-	-	-	-	7	-	2	-	-	-	117	-	-	8	188														
MBOMBELA MUNICIPALITY	20	13	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	254	23	-	6	325														
MIDVAAL FIRE DEPARTMENT	19	24	-	-	-	-	-	-	-	-	-	-	-	-	-	3	6		-	-	1	-	-	-	-	-	-	-	-	1	11	1	4	-	-	-	404	-	-	4	478														
MOGALAKWENA MUNICIPALITY	33	27	3	2	-	-	-	-	-	-	5	1	5	2	-	-	3		4	7	-	1	-	-	-	1	1	-	3	-	-	23	4	10	-	-	-	126	26	-	1	288													
MOSSEL BAY FIRE & RESCUE	23	50	6	-	-	-	-	-	-	-	2	1	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	84														
MSUKALINGWA FIRE DEPARTMENT(Ermelo)	19	30	1	-	-	-	-	-	-	-	1	3	3	-	1	-	1		-	-	-	-	0	-	-	-	-	-	1	13	7	-	4	-	-	-	64	3	53	10	214														
NELSON MANDELA METRO(Port Elizabeth)	402	397	15	1	2	25	6				6	10	8			7	13		2	1		1	2	3	1	2		9	3		11	103	5	21		2	1373	9		122	2562														
NEWCASTLE PROTECTION SERVICES	72	51	2	-	-	-	-	-	-	-	2	1	1	-	-	-	1		-	-	-	1	-	-	2	-	-	-	1	-	34	1	2	-	1	-	613	-	12	116	913														
POLOKWANE MUNICIPALITY(Pietersburg)	84	28	3	4	4	5	2	1	2	3	3	1	9	1	-	1	-		-	-	-	-	-	-	-	1	-	25	-	-	200	1	7	-	4	-	340	-	-	-	729														
POTCHEFSTROOM EMS	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3														
SALDANHA BAY FIRE DEPARTMENT	21	47	-	-	-	-	-	-	-	1	-	-	8	-	-	14	-		-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	3	-	-	-	157	-	-	-	264													
SETSOTO FIRE DEPARTMENT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	19															
STELLENBOSCH FIRE DEPARTMENT	3	10	1	3	-	-	-	-	-	-	2	2	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	160	-	-	6	191														
STEVE TSHWETE FIRE DEPARTMENT(Hendrina)	5	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	59	-	-	-	70															
STEVE TSHWETE FIRE DEPARTMENT(Middleburg)	11	14	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-		-	11	-	-	-	-	-	-	-	-	-	9	11	1	-	-	-	40	-	-	-	100															
THABO MOFUTSANYANA DISTRICT MUNICIPALITY	42	28	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-		-	-	-	1	-	-	-	-	-	-	-	-	6	-	3	-	-	-	179	-	-	21	282														
TSHWANE METRO MUNICIPALITY(Pretoria)	727	364	28	2	6	9	2		3	10	16	14	122	2	4	8	6		4	3	1	2	1		3	2	4	6	3		10	246	29	34		10	1	2349	5		198	4234													
UBUHLEBEZWE FIRE DEPARTMENT(Ixopo)	29	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	31	2	-	2	68															
UMHLATHUZE MUNICIPALITY(Empangeni)	38	36	4	1		2	2					5	2		1		1					2				2	2	2			24		4		1		378	13	1	24	545														
WEST COAST DISTRICT COUNCIL	101	97	-	-	25	1	-	-	-	1	-	8	-	-	-	17	-		-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	33	-	-	-	470	-	-	37	803													
WITZEBURG FIRE DEPARTMENT(Tulbagh)	38	28	-	-	-	-	-	-	-	-	-	-	2	-	-	4	-		-	-	-	-	-	1	-	-	-	-	-	-	5	-	6	-	-	-	126	128	145	6	489														
TOTAL	5496	5448	326	56	89	147	60	8	13	24	144	196	460	47	83	127	174		48	73	48	9	20	32	35	29	56	72	240	4	158																								

Fire losses 2015

DESCRIPTION	SMOKING	ELECTRICAL	OPEN FLAMES	COOKING	HEATING	WELDING	LIGHTNING	ARSON	UNREST	UNDETERMINED	OTHER	TOTAL	RAND DAMAGE
Dwellings formal	146	862	879	372	265	43	30	237	9	2127	526	5496	997647018
Informal dwellings	145	584	1258	322	181	14	32	285	2	2240	385	5448	132525415
Flats	17	78	42	43	16	2	2	12	0	82	32	326	26808200
Hotels and boarding houses	1	19	10	4	3	0	0	1	0	10	8	56	29454200
Hospitals and nursing homes	1	24	4	2	4	0	0	1	0	36	17	89	14629700
Educational establishments	3	20	28	5	6	1	0	20	0	43	21	147	65408800
Churches and halls	2	12	9	3	2	0	0	5	0	23	4	60	13444100
Cinemas and theatres	0	2	3	0	1	0	0	0	0	1	1	8	7050
Museums, libraries and art galleries	0	3	1	0	1	1	0	2	0	2	3	13	382600
Night clubs and dance halls	0	6	3	0	4	0	0	1	0	8	2	24	2625000
Restaurants and cafes	0	30	23	44	6	1	0	4	1	26	9	144	45185500
Offices	4	60	21	3	8	3	1	15	0	44	37	196	34624160
Shops	9	122	64	31	15	6	1	46	6	129	31	460	60794150
Department stores	1	15	3	1	4	2	0	5	0	10	6	47	13578500
Garages and workshops	5	19	19	0	5	6	0	0	0	18	11	83	25255000
Warehouses	0	16	9	2	6	1	0	9	0	74	10	127	189085900
Outside storage	3	9	42	2	4	2	1	21	0	80	10	174	13908900
Furniture	1	3	8	0	3	1	0	4	0	23	5	48	8920680
Plastics and rubber	2	3	30	0	7	2	0	2	0	19	8	73	29675800
Textile	7	9	5	0	5	0	0	0	0	13	9	48	28589500
Printing	0	4	2	0	0	0	0	0	0	3	0	9	4473500
Milling	1	5	3	0	1	1	1	0	0	5	3	20	875500
Petroleum	0	3	6	0	0	3	3	1	0	8	8	32	29065000
Food and drink	0	8	2	2	7	0	0	0	0	12	5	35	222085600
Paper and packaging	1	4	7	1	3	1	0	0	0	9	3	29	23268200
Chemical	0	9	11	0	8	2	1	0	0	14	11	56	18872000
Metal	3	10	9	0	11	10	0	2	0	23	4	72	32249800
Electronics	3	70	22	0	2	0	0	5	0	110	28	240	12203902
Mines (surface)	0	1	0	0	0	0	0	0	0	2	1	4	355000
Utilities	3	100	13	2	4	3	1	0	0	26	6	158	17383600
Cars, motorcycles	21	535	242	1	40	27	1	139	2	1345	295	2648	324297919
Buses	3	32	9	0	21	2	0	13	3	32	9	124	24639800
Heavy goods vehicles	4	59	35	0	53	7	0	22	0	123	52	355	50499000
Ships	1	2	3	0	0	2	0	0	0	4	0	12	1887000
Trains	0	14	5	0	1	1	0	16	0	18	7	62	70678000
Aircraft	0	2	0	0	0	0	0	0	0	4	2	8	6600000
Rubbish, grass and bush	1268	198	12984	348	37	56	54	533	25	8598	1781	25882	100567438
Plantations and forests	4	3	83	1	0	0	22	39	0	201	86	439	21000
Agricultural	3	2	74	0	3	1	0	0	0	170	5	258	7076000
Miscellaneous fires	69	668	388	39	17	16	10	60	14	601	411	2274	52375850
Total	1731	3625	16359	1228	754	217	160	1500	62	16316	3852	45784	2732024282
	3,78%	79,17%	3,57%	2,68%	1,64%	0,47%	0,34%	32,77%	0,13%	35,63%	8,41%		

Fire losses 2004 - 2015

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Loss in Rands	1211,9	1321,5	2732,9	1630,6	2312,5	2013,6	1323	2085,6	3162	2158	1847	2732
GNI	1346,5	1492,2	1705,3	1935,5	2209,9	2342,4	2608,5	2897,6	3066	3441	3694	3913
Fire Loss as a % of GNI	0,09%	0,08%	0,16%	0,084%	0,10%	0,09%	0,05%	0,07%	1,03%	0,62%	0,05%	0,69%
No. of Fires	36,5	42,8	26,4	40,5	35,4	40,4	26,5	37,7	41,4	42,3	46,1	45,7
Population	46,9	46,9	47,8	48,6	49,3	49,9	49,9	51,7	52,2	52,9	53,5	54,3

Notes to table:
Total loss in millions
GNP Gross National Income - in thousand millions
Number of fires in thousands
Population in millions

Compared residential (informal)
fire losses 2004 - 2015

Year	Damages
2004 (3566)	R 286 929 364
2005 (3342)	R 58 351 068
2006 (3105)	R 39 488 351
2007 (4273)	R 105 547 104
2008 (3279)	R 76 827 903
2009 (4008)	R 101 174 053
2010 (2590)	R 64 719 576
2011(4046)	R 102 389 740
2012 (4516)	R 114 556 248
2013 (4886)	R 117 693 080
2014 (5191)	R 103 999 546
2015 (5448)	R 132 525 415

Compared residential losses 2004 - 2015

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Dwellings formal	R 151 123 212,50	R 240 213 106,25	R 1 953 447 608,63	R 387 890 154,43	R 387 199 973	R 495 170 058	R 525 406 578	R 576 242 642	556062426	R 770 392 753	R 408 543 965	R 997 647 018
Informal dwellings	R 286 929 364,00	R 58 351 067,50	R 39 488 351,00	R 105 547 103,50	R 76 827 903	R 101 174 053	R 64 719 576	R 102 389 740	114556248	R 117 693 080	R 103 999 546	R 132 525 415
Flats	R 18 316 482,50	R 25 951 470,00	R 24 699 595,00	R 42 713 920,00	R 29 625 288	R 31 858 641	R 21 695 900	R 31 496 970	51584320	R 34 968 000	R 164 670 830	R 26 808 200
Hotels and boarding houses	R 35 751 850,00	R 25 540 625,00	R 6 280 550,00	R 37 120 250,00	R 11 313 775	R 38 899 991	R 1 980 700	R 18 015 340	22075400	R 85 813 450	R 3 272 490	R 29 454 200
TOTAL	R 492 120 909,00	R 350 056 268,75	R 2 023 916 104,63	R 573 271 427,93	R 504 966 938	R 667 102 744	R 613 802 754	R 728 144 692	R 744 278 394,00	R 1 008 867 283	R 680 486 831	R 1 186 434 833

Occupancies 2015

Description	Total
Dwellings formal	5496
Informal dwellings	5448
Flats	326
Hotels and boarding houses	56
Hospitals and nursing homes	89
Educational establishments	147
Churches and halls	60
Cinemas and theatres	8
Museums, libraries and art galleries	13
Night clubs and dance halls	24
Restaurants and cafes	144
Offices	196
Shops	460
Department stores	47
Garages and workshops	83
Warehouses	127
Outside storage	174
Furniture	48
Plastics and rubber	73
Textile	48
Printing	9
Milling	20
Petroleum	32
Food and drink	35
Paper and packaging	29
Chemical	56
Metal	72
Electronics	240
Mines (surface)	4
Utilities	158
Cars, motorcycles	2648
Buses	124
Heavy goods vehicles	355
Ships	12
Trains	62
Aircraft	8
Rubbish, grass and bush	25882
Plantations and forests	439
Agricultural	258
Miscellaneous fires	2274
Total	45784



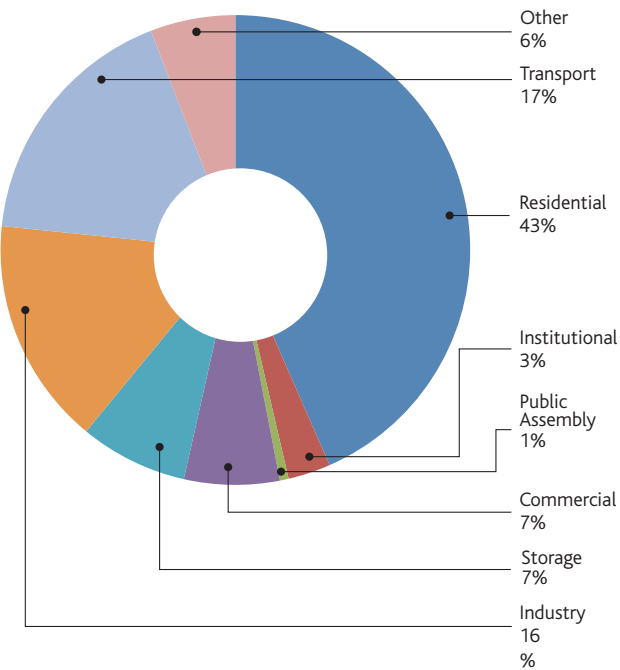
Industrial incidents 2004 - 2015

Description	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Furniture	44	47	27	414	55	15	19	22	27	29	41	48
Plastics and rubber	65	63	33	94	73	96	69	88	77	60	83	73
Textile	65	61	45	67	34	38	26	31	33	37	37	48
Printing	12	9	6	18	8	13	7	11	8	13	13	9
Milling	16	33	10	21	21	22	13	22	34	26	24	20
Petroleum	9	22	13	21	16	20	20	26	22	13	13	32
Food and drink	47	46	43	50	35	59	6	47	37	31	27	35
Paper and packaging	35	37	25	226	27	24	22	39	45	35	27	29
Chemical	52	33	26	345	79	53	36	50	30	46	51	56
Metal	51	85	38	80	69	74	61	60	50	35	66	72
Electronics	132	116	129	135	191	170	155	203	177	247	232	240
Mines (surface)	10	11	2	54	10	5	4	6	13	2	8	4
Utilities	121	78	38	150	110	114	102	116	121	87	124	158
TOTAL	659	641	435	1675	728	703	540	721	674	661	746	824

Compared industrial losses 2014 - 2015

Description	2014	2014 Incidents	2015	2015 Incidents
Furniture	R 135 196 650	41	R 8 920 680	48
Plastics and rubber	R 23 955 800	83	R 29 675 800	73
Textile	R 42 665 500	37	R 28 589 500	48
Printing	R 5 470 500	13	R 4 473 500	9
Milling	R 37 366 500	24	R 875 500	20
Petroleum	R 90 000	13	R 29 065 000	32
Food and drink	R 2 044 800	27	R 222 085 600	35
Paper and packaging	R 3 047 300	27	R 23 268 200	29
Chemical	R 60 495 000	51	R 18 872 000	56
Metal	R 76 240 400	66	R 32 249 800	72
Electronics	R 9 198 000	232	R 12 203 902	240
Mines (surface)	R 500	8	R 355 000	4
Utilities	R 7 122 600	124	R 17 383 600	158
TOTAL	R 402 893 550	746	R 428 018 082	824

Financial losses % 2015



Financial losses 2015

Description	Cost of damage
Residential	R 1 186 434 833
Institutional	R 80 038 500
Public assembly	R 16 458 750
Commercial	R 179 437 310
Storage	R 202 994 800
Industry	R 428 018 082
Transport	R 478 601 719
Other	R 160 040 288
TOTAL	R 2 732 024 282