

1. Summary of the contamination and progress:

Table 1.1: Contamination:

Open Hazard:

Type of Hazard	Dangerous Area	Ammunition Dump	Battlefield	Confrontation Area	Minefield	Previous Ambush Area	Stockpile	LIS SHA	UXO Spot	Total
Running Total	4	12	135	30	29	272	6	68	333	889

Closed Hazard:

Type of Hazard	Dangerous Area	Ammunition Dump	Battlefield	Confrontation Area	Minefield	Previous Ambush Area	Stockpile	LIS SHA	UXO Spot	Total
January	0	0	6	0	1	16	0	1	238	262
Year 2016	0	0	6	0	1	16	0	1	238	262
Running Total	49	512	150	5	482	1220	36	305	8,953	11,712

Table 1.2: Area Released (sqm):

Period	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Released	Cancelled NTS	Total Area Released
January	0	534,157	378,300	912,457	2,060	35,975	375,301	65,617	478,953	370,153	1,761,563
Year 2016	0	534,157	378,300	912,457	2,060	35,975	375,301	65,617	478,953	370,153	1,761,563
Running Total	2,850,330	13,798,435	30,429,028	47,077,792	1,132,134	7,675,132	20,982,319	4,194,510	33,984,095	1,068,420,936	1,149,482,824

Table 1.3: Devices Destroyed:

Period	AP	AT	UXO	SAA
January	119	27	915	2,326
Year 2016	119	27	915	2,326
Running Total	30,787	5,562	883,085	2,812,476

Table 1.4: Casualties:

Period	Killed						Injured						Total
	Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
January	5	1	0	0	0	6	11	1	0	0	0	12	18
Year 2016	5	1	0	0	0	6	11	1	0	0	0	12	18
Running Total	453	107	164	46	582	1,352	1,480.00	222	437	96	1,301	3,536	4,888

Table 1.5: MRE:

Period	Boys	Girls	Men	Women	Not Specified	Total
January	6,692	5,709	5,751	5,469	0	23,621
Year 2016	6,692	5,709	5,751	5,469	0	23,621
Running Total	976,541	673,669	684,591	496,043	9,644	2,840,488

Table 1.6: Road Opened (km):

Period	Road Assessed	Road Verified	Road Opened
January	268	0	268
Year 2016	268	0	268
Running Total	22,764	3,805	26,569

Table 1.7: EDD Search Operations:

Period	Vehicle	Bag/Body	Area	Building/Accommodation
January	541	9,453	0	1
Year 2016	541	9,453	0	1
Running Total	20,783	47,292	600	987

Table 1.8: Safety Briefing to UNMISS Staff:

Period	Men	Women	Total
January	138	26	164
Year 2016	138	26	164
Running Total	2,551	646	3,197

Contacts:

1. Robert Thompson (Robert.Thompson@unmas.org)
2. Tim Lardner (Tim.Lardner@unmas.org)

2. Detailed Report on Mine Action Activities in Sudan

Table 2.1: Area Released by year:

Year	FOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Released	Cancelled NTS	Total Area Released
A	B	C	D	E	F	G	H	I	J	K	L
2004	3,091	0	143,006	146,097	0	22,481	0	0	22,481	0	168,578
2005	706	0	519,978	520,684	0	479,237	0	0	479,237	0	999,920
2006	2,259	273,295	5,161,955	5,437,509	0	854,222	305,637	214	1,160,073	0	6,597,582
2007	732	811,001	2,202,814	3,014,547	0	1,620,866	402,574	203,193	2,226,633	0	5,241,180
2008	3,317	940,821	4,509,565	5,453,703	0	1,844,426	603,078	686,066	3,133,570	0	8,587,273
2009	10,902	1,329,853	2,966,421	4,307,176	184,439	494,267	2,230,782	728,498	3,637,986	987,746,090	995,691,252
2010	3,183	1,344,536	2,078,996	3,426,715	309,733	994,707	1,956,217	588,227	3,848,884	35,461,437	42,737,036
2011	24,673	674,807	4,472,122	5,171,602	62,568	229,123	2,051,967	279,548	2,623,206	642,673	8,437,481
2012	6,915	1,686,715	1,164,132	2,857,762	31,329	325,277	3,331,331	511,891	4,199,828	21,785,160	28,842,750
2013	2,700,186	2,162,852	915,111	5,778,149	301,080	176,586	3,371,936	481,767	4,331,369	16,993,833	27,103,351
2014	5,600	1,866,318	3,698,331	5,570,249	96,019	222,538	2,148,327	249,076	2,715,960	1,037,552	9,323,761
2015	88,766	2,174,080	2,218,297	4,481,143	144,905	375,428	4,205,169	400,413	5,125,915	4,384,038	13,991,096
2016	0	534,157	378,300	912,457	2,060	35,975	375,301	65,617	478,953	370,153	1,761,563
Total	2,850,330	13,798,435	30,429,028	47,077,792	1,132,134	7,675,132	20,982,319	4,194,510	33,984,095	1,068,420,936	1,149,482,824

Table 2.2: Area Released by State:

Period	State	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Released	Cancelled NTS	Total Area Released
January	West Bahr El Ghazal	0	87,050	4,000	91,050	0	0	0	47,950	47,950	0	139,000
	West Equatoria	0	0	0	0	0	0	0	0	0	0	0
	Upper Nile	0	0	0	0	0	25	0	0	25	0	25
	Lakes	0	0	0	0	0	691	0	0	691	10,000	10,691
	North Bahr El Ghazal	0	0	0	0	0	0	0	0	0	0	0
	Warrap	0	0	0	0	0	0	0	0	0	0	0
	East Equatoria	0	153,121	152,949	306,070	0	20,908	186,796	0	207,704	0	513,774
	Unity	0	72,550	0	72,550	0	4,234	0	17,667	21,901	118,407	212,858
	Jonglei	0	61,900	54,000	115,900	0	0	0	0	0	35,000	150,900
	Central Equatoria	0	159,536	167,351	326,887	2,060	10,117	188,505	0	200,682	206,746	734,315
	Total	0	534,157	378,300	912,457	2,060	35,975	375,301	65,617	478,953	370,153	1,761,563
Year 2016	West Bahr El Ghazal	0	87,050	4,000	91,050	0	0	0	47,950	47,950	0	139,000
	West Equatoria	0	0	0	0	0	0	0	0	0	0	0
	Upper Nile	0	0	0	0	0	25	0	0	25	0	25
	Lakes	0	0	0	0	0	691	0	0	691	10,000	10,691
	North Bahr El Ghazal	0	0	0	0	0	0	0	0	0	0	0
	Warrap	0	0	0	0	0	0	0	0	0	0	0
	East Equatoria	0	153,121	152,949	306,070	0	20,908	186,796	0	207,704	0	513,774
	Unity	0	72,550	0	72,550	0	4,234	0	17,667	21,901	118,407	212,858
	Jonglei	0	61,900	54,000	115,900	0	0	0	0	0	35,000	150,900
	Central Equatoria	0	159,536	167,351	326,887	2,060	10,117	188,505	0	200,682	206,746	734,315
	Total	0	534,157	378,300	912,457	2,060	35,975	375,301	65,617	478,953	370,153	1,761,563
Total	West Bahr El Ghazal	2,522,904	551,674	1,828,574	4,903,152	106,675	543,002	262,369	208,172	1,120,218	975,954,761	981,978,131
	West Equatoria	280	1,171,984	604,890	1,777,154	107,520	92,200	1,075,297	46,011	1,321,028	360,470	3,458,651
	Upper Nile	864	1,942,762	8,742,315	10,685,941	192,455	795,811	1,050,839	924,519	2,963,624	7,903,973	21,553,538
	Lakes	323	72,544	780,157	853,023	28,834	87,789	75,450	16,080	208,153	840,346	1,901,522
	North Bahr El Ghazal	4,327	250,242	486,933	741,502	0	1,652	24,558	0	26,210	510,092	1,277,804
	Warrap	180	11,551	119,751	131,482	0	494	0	0	494	13,065,104	13,197,080
	East Equatoria	86,081	2,279,445	1,940,039	4,305,565	460,174	1,200,511	5,742,259	666,081	8,069,025	26,591,953	38,966,543
	Unity	9	263,346	714,571	977,926	0	15,254	157,050	94,651	266,955	460,326	1,705,207
	Jonglei	1,035	409,173	811,002	1,221,210	0	147,582	196,782	63,005	407,369	4,874,624	6,503,203
	Central Equatoria	234,327	6,845,714	14,400,797	21,480,837	236,475	4,790,839	12,397,715	2,175,991	19,601,020	37,859,287	78,941,145
	Total	2,850,330	13,798,435	30,429,028	47,077,792	1,132,134	7,675,132	20,982,319	4,194,510	33,984,095	1,068,420,936	1,149,482,824

Table 2.3: Area Released by Organization Year 2016

Organizations/Month	EOD	BAC Sub Surface	BAC Surface	Total BAC	TTS Cancelled	Manual	Mechanical	MDD	Total Mined Area	NTS Cancelled	Area Released
Mine Advisory Group	0	30,870	5,960	36,830	0	799	124,093	0	124,892	0	161,722
Jan-16	0	30,870	5,960	36,830	0	799	124,093	0	124,892	0	161,722
MECHEM	0	95,440	88,500	183,940	0	5,286	0	0	5,286	35,000	224,226
Jan-16	0	95,440	88,500	183,940	0	5,286	0	0	5,286	35,000	224,226
Danish Church Aid	0	0	0	0	0	57	0	0	57	0	57
Jan-16	0	0	0	0	0	57	0	0	57	0	57
G4S	0	213,536	243,921	457,457	0	22,921	101,855	0	124,776	335,146	917,379
Jan-16	0	213,536	243,921	457,457	0	22,921	101,855	0	124,776	335,146	917,379
Danish Demining Group	0	0	0	0	2,060	0	0	0	2,060	0	2,060
Jan-16	0	0	0	0	2,060	0	0	0	2,060	0	2,060
Mine Tech International	0	0	0	0	0	1,170	149,353	0	150,523	0	150,523
Jan-16	0	0	0	0	0	1,170	149,353	0	150,523	0	150,523
TDI	0	194,311	39,919	234,230	0	5,742	0	65,617	71,359	7	305,596
Jan-16	0	194,311	39,919	234,230	0	5,742	0	65,617	71,359	7	305,596
Total	0	534,157	378,300	912,457	2,060	35,975	375,301	65,617	478,953	370,153	1,761,563

Chart 2.1: Area Released:

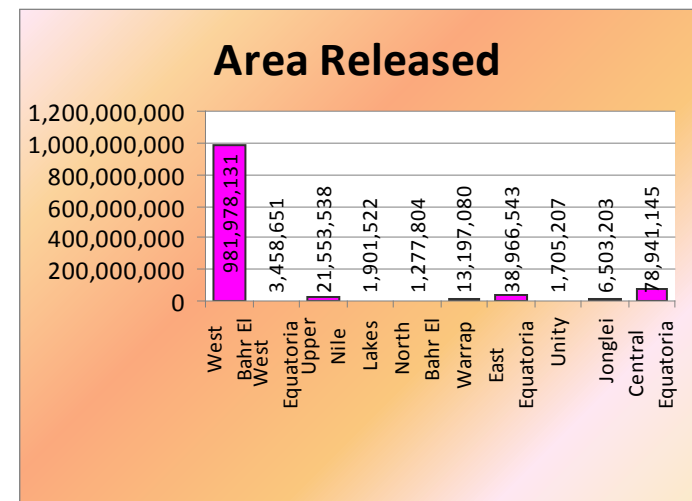
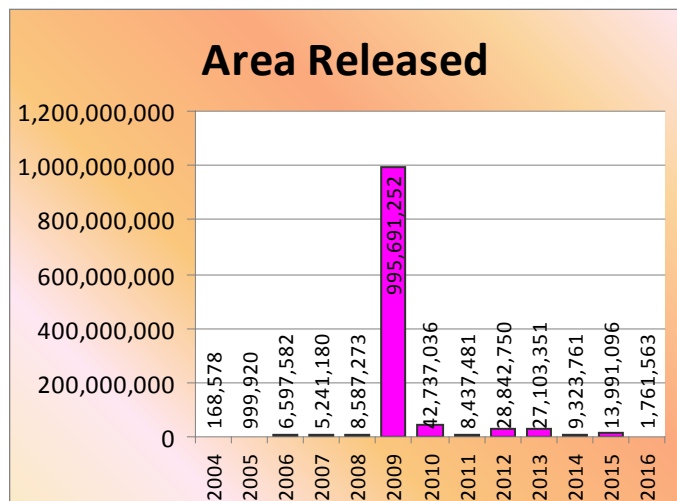
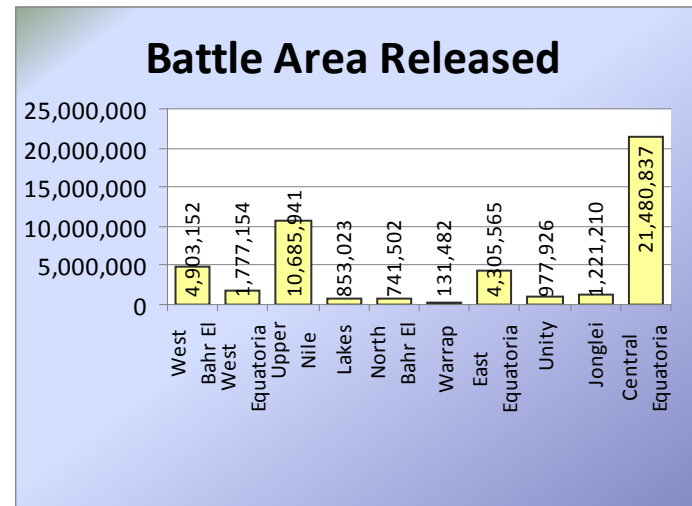
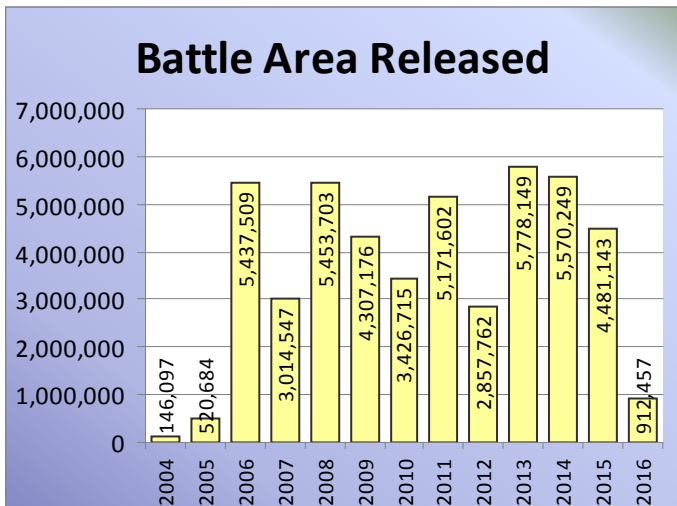
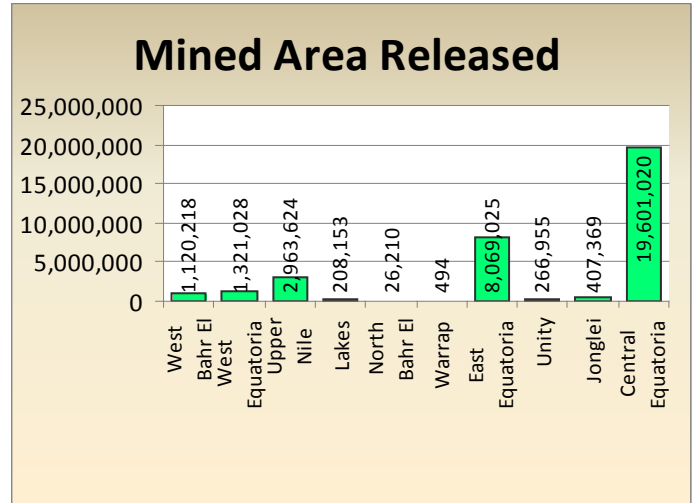
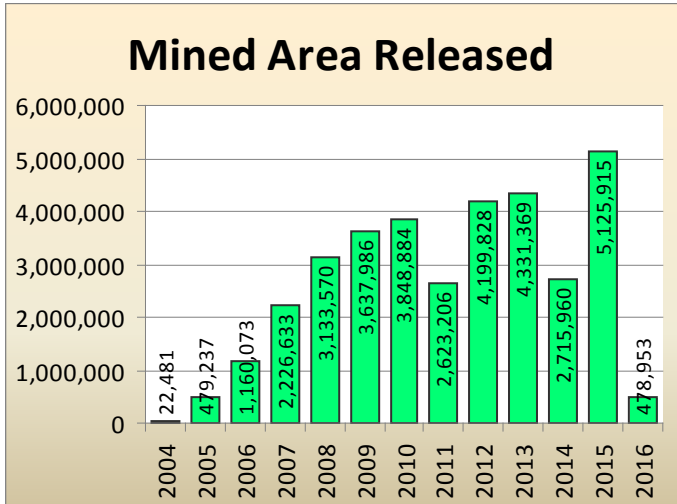


Table 2.4: Devices Destroyed by year:

Year	AP	AT	UXO	SAA
2004	73	411	109,955	37,632
2005	582	282	24,535	6,344
2006	1,585	470	97,180	154,927
2007	2,531	1,207	350,719	31,990
2007	7,596	250	70,169	182,991
2009	3,158	349	31,524	514,297
2010	6,916	666	55,567	561,838
2011	3,509	699	57,353	550,957
2012	1,278	156	20,510	209,715
2013	845	215	22,018	156,230
2014	880	357	15,245	126,901
2015	1,715	473	27,395	276,328
2016	119	27	915	2,326
Total	30,787	5,562	883,085	2,812,476

Table 2.5: Devices Destroyed by State:

Period	State	AP	AT	UXO	SAA
January	West Bahr El Ghazal	0	0	79	0
	West Equatoria	0	0	0	0
	Upper Nile	0	3	10	0
	Lakes	0	0	3	0
	North Bahr El Ghazal	0	0	1	0
	Warab	0	0	0	0
	East Equatoria	16	0	301	1
	Unity	0	8	220	2,324
	Jonglei	0	0	68	0
	Central Equatoria	103	16	233	1
Total	119	27	915	2,326	
Year 2016	West Bahr El Ghazal	0	0	79	0
	West Equatoria	0	0	0	0
	Upper Nile	0	3	10	0
	Lakes	0	0	3	0
	North Bahr El Ghazal	0	0	1	0
	Warab	0	0	0	0
	East Equatoria	16	0	301	1
	Unity	0	8	220	2,324
	Jonglei	0	0	68	0
	Central Equatoria	103	16	233	1
Total	119	27	915	2,326	
Total	West Bahr El Ghazal	722	291	42,474	626,605
	West Equatoria	432	71	30,711	9,547
	Upper Nile	5,220	1,004	33,833	70,465
	Lakes	560	419	38,677	6,138
	North Bahr El Ghazal	7	6	6,084	13,899
	Warab	62	32	10,903	32,483
	East Equatoria	3,106	683	184,343	328,607
	Unity	156	38	6,371	97,744
	Jonglei	4,409	413	42,406	517,536
	Central Equatoria	16,113	2,605	487,283	1,109,452
Total	30,787	5,562	883,085	2,812,476	

Table 2.6: Devices Destroyed by Organization Year 2016:

Org/Month	AP	AT	UXO	SAA
Mine Advisory Group	0	0	81	0
Jan-16	0	0	81	0
MECHEM	0	0	150	0
Jan-16	0	0	150	0
Danish Church Aid	0	0	1	0
Jan-16	0	0	1	0
G4S	25	12	446	150
Jan-16	25	12	446	150
Mine Tech International	90	8	29	0
Jan-16	90	8	29	0
TDI	4	7	208	2,176
Jan-16	4	7	208	2,176
Total	119	27	915	2,326

Chart 2.2: Devices Destroyed

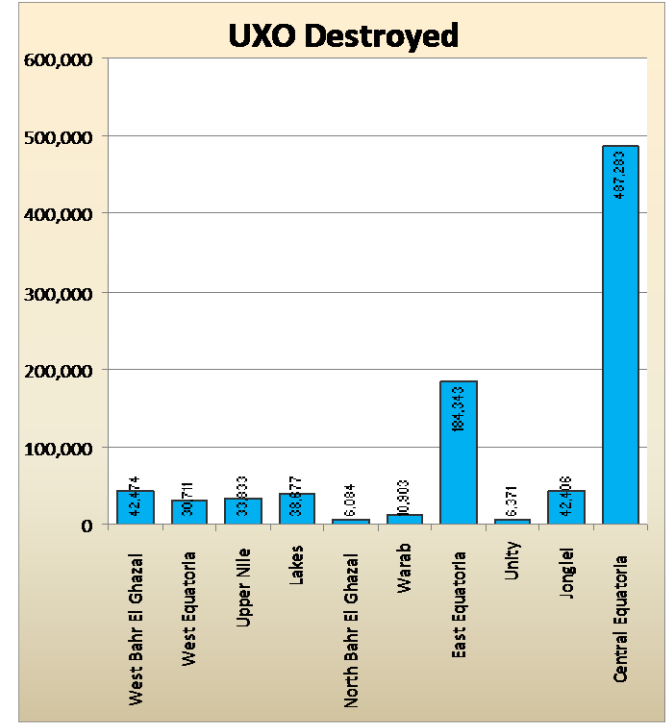
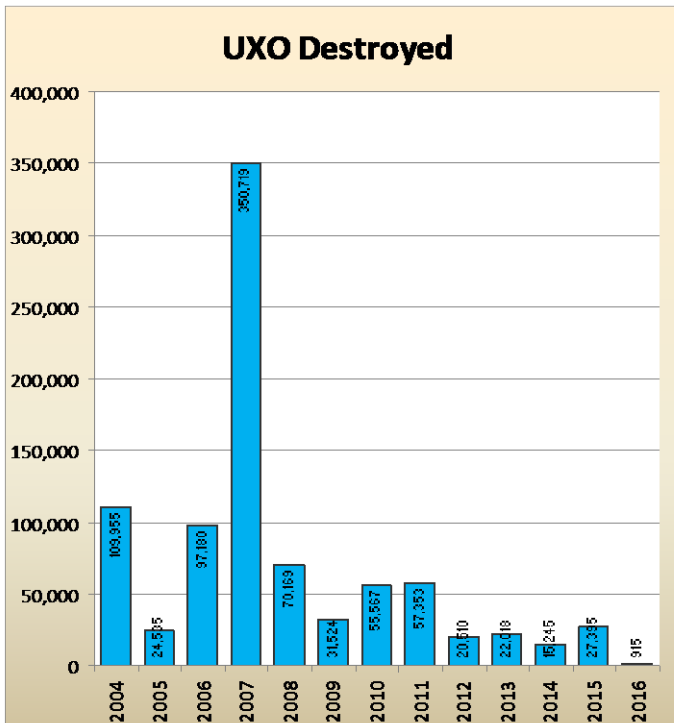
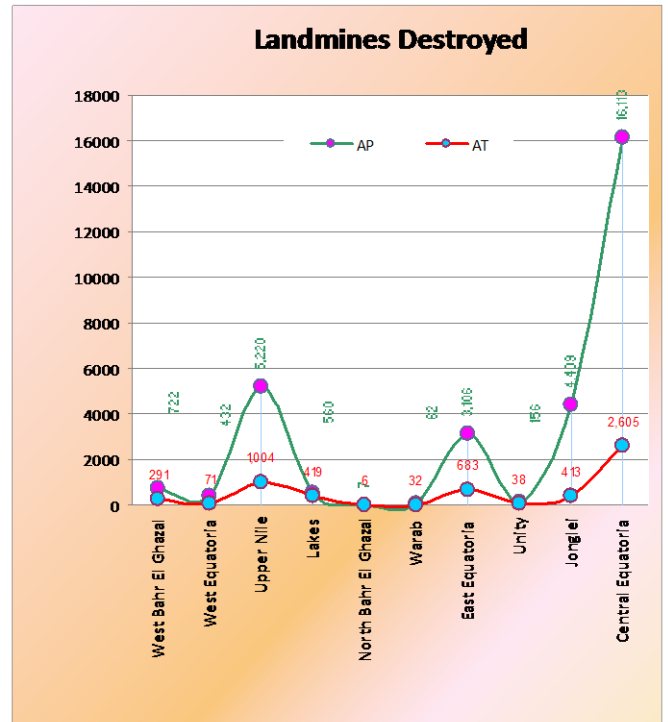
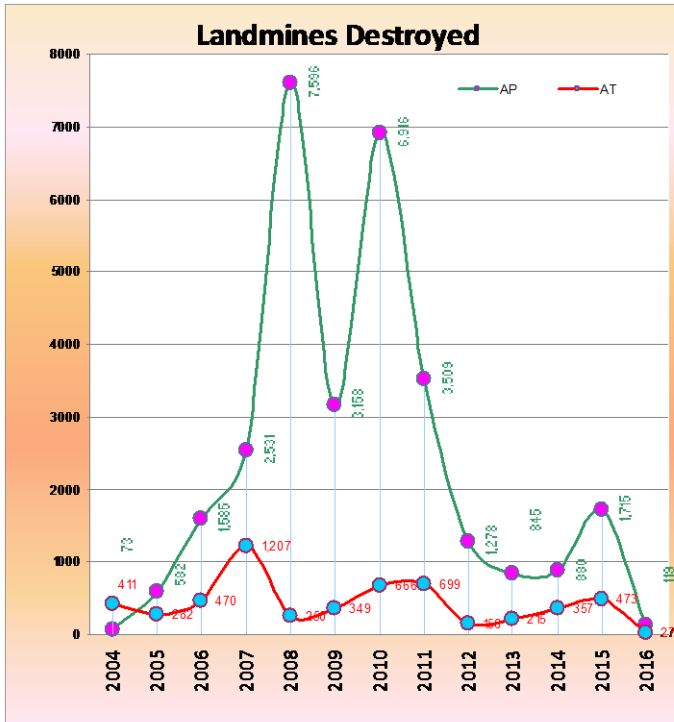


Table 2.7: Casualties by States:

Per.	State	Killed						Injured						Total
		Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
January	West Bahr El Ghazal	0	0	0	0	0	0	0	0	0	0	0	0	0
	West Equatoria	0	0	0	0	0	0	0	0	0	0	0	0	0
	Upper Nile	5	1	0	0	0	6	11	1	0	0	0	12	18
	Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
	North Bahr El Ghazal	0	0	0	0	0	0	0	0	0	0	0	0	0
	Warrap	0	0	0	0	0	0	0	0	0	0	0	0	0
	East Equatoria	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unity	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jonglei	0	0	0	0	0	0	0	0	0	0	0	0	0
	Central Equatoria	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	1	0	0	0	6	11	1	0	0	0	12	18	
Year 2016	West Bahr El Ghazal	0	0	0	0	0	0	0	0	0	0	0	0	0
	West Equatoria	0	0	0	0	0	0	0	0	0	0	0	0	0
	Upper Nile	5	1	0	0	0	6	11	1	0	0	0	12	18
	Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
	North Bahr El Ghazal	0	0	0	0	0	0	0	0	0	0	0	0	0
	Warrap	0	0	0	0	0	0	0	0	0	0	0	0	0
	East Equatoria	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unity	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jonglei	0	0	0	0	0	0	0	0	0	0	0	0	0
	Central Equatoria	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	1	0	0	0	6	11	1	0	0	0	12	18	
Total	West Bahr El Ghazal	189	32	62	23	134	440	358	34	114	21	178	705	1,145
	West Equatoria	5	1	1	0	10	17	17	1	10	3	6	37	54
	Upper Nile	46	19	21	2	189	277	417	64	109	18	633	1,241	1,518
	Lakes	5	0	4	0	15	24	11	3	10	2	12	38	62
	North Bahr El Ghazal	12	1	5	0	6	24	22	3	16	6	6	53	77
	Warrap	17	0	7	0	4	28	69	3	15	1	18	106	134
	East Equatoria	15	0	9	0	18	42	38	5	17	2	49	111	153
	Unity	29	5	5	2	55	96	181	48	35	9	87	360	456
	Jonglei	11	2	7	2	54	76	110	10	31	4	123	278	354
	Central Equatoria	124	47	43	17	97	328	257	51	80	30	189	607	935
Total	453	107	164	46	582	1,352	1,480	222	437	96	1,301	3,536	4,888	

Table 2.8: Casualties by Year:

Year	Killed						Injured						Total
	Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
2006	3	2	2	1	19	27	24	7	11	2	55	99	126
2007	6	0	2	2	10	20	21	7	7	2	18	55	75
2008	2	0	1	0	5	8	17	3	5	3	13	41	49
2009	5	0	5	0	8	18	45	14	8	2	16	85	103
2010	7	2	9	2	3	23	31	7	27	5	7	77	100
2011	6	1	2	0	54	63	22	4	7	2	75	110	173
2012	0	0	3	0	2	5	1	2	0	0	4	7	12
2013	1	0	9	7	1	18	5	4	16	2	1	28	46
2014	4	0	1	2	0	7	11	2	12	6	0	31	38
2015	8	0	9	1	0	18	19	2	30	6	0	57	75
2016	5	1	0	0	0	6	11	1	0	0	0	12	18
Total	47	6	43	15	102	213	207	53	123	30	189	602	815

Chart 2.3: Casualties

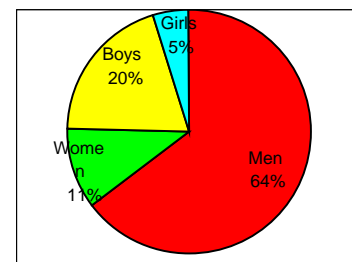
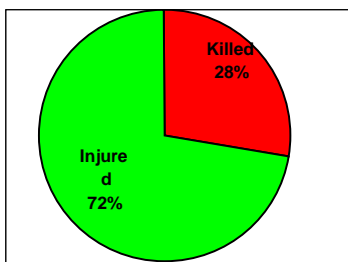
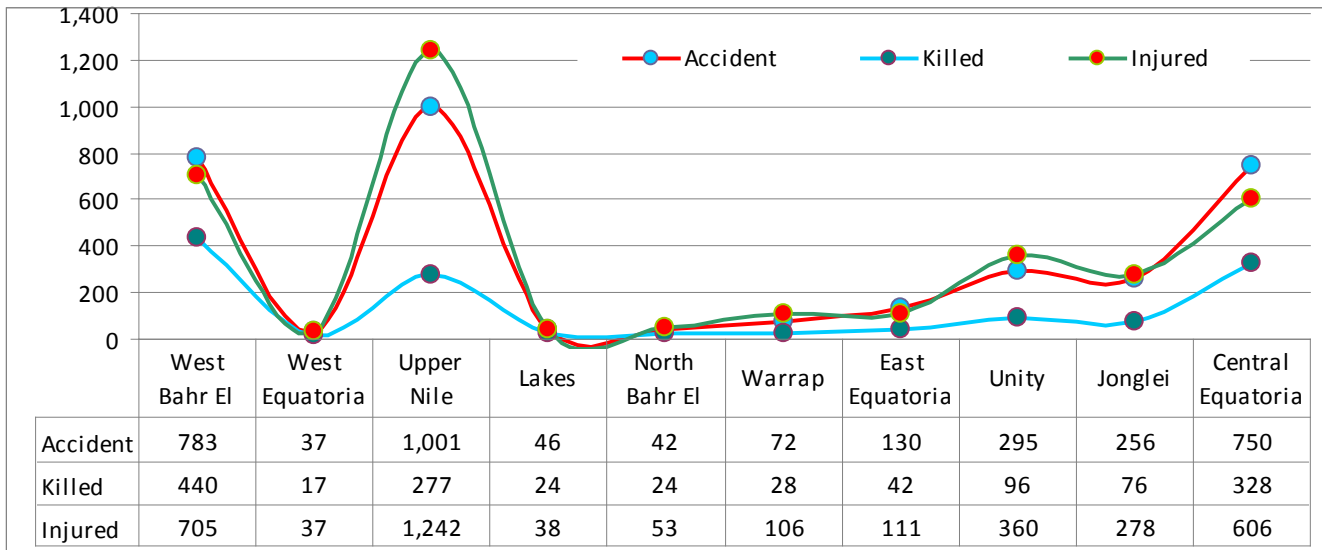
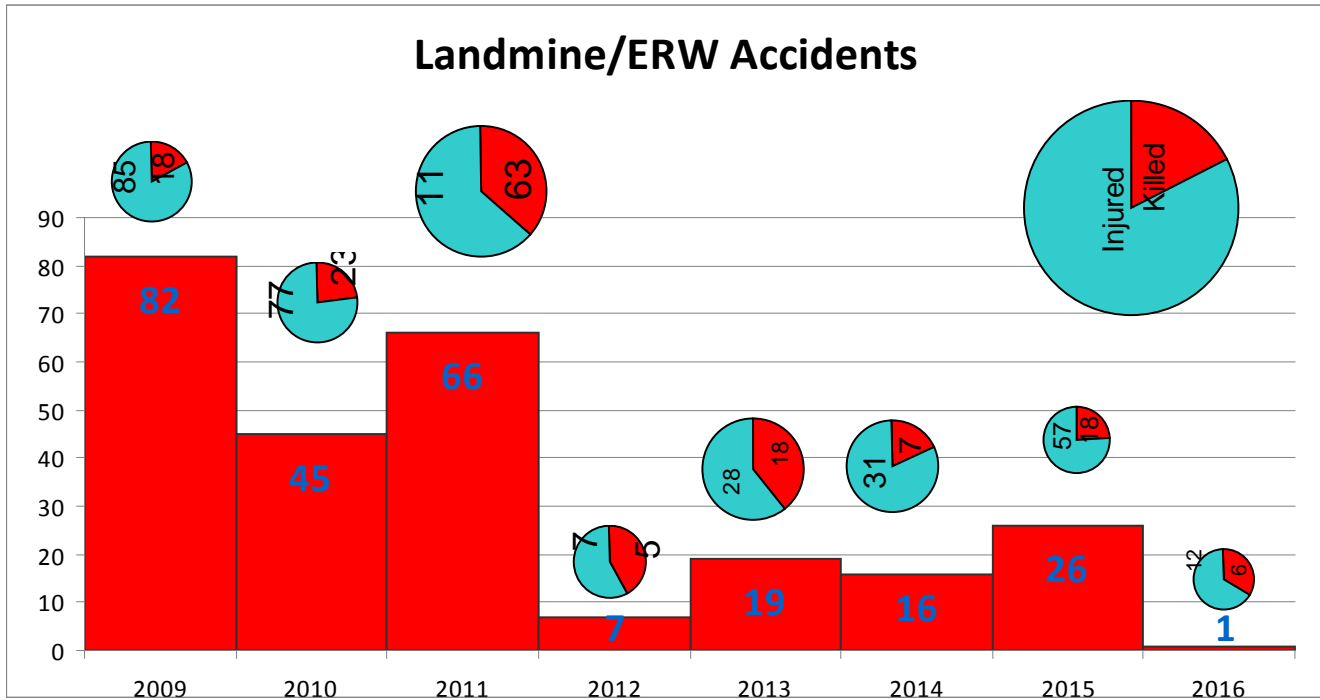


Table 2.9: MRE by State

Period	State	Boys	Girls	Men	Women	Not Specified	Total
January	West Bahr El Ghazal	845	512	633	684	0	2,674
	Upper Nile	1,463	1,440	607	1,131	0	4,641
	Lakes	481	515	102	169	0	1,267
	North Bahr El Ghazal	44	38	15	39	0	136
	Warrap	10	0	14	5	0	29
	East Equatoria	1,014	767	1,160	726	0	3,667
	Unity	913	656	742	717	0	3,028
	Jonglei	86	81	74	72	0	313
	Central Equatoria	1,836	1,700	2,404	1,926	0	7,866
Total	6,692	5,709	5,751	5,469	0	23,621	
Year 2016	West Bahr El Ghazal	845	512	633	684	0	2,674
	Upper Nile	1,463	1,440	607	1,131	0	4,641
	Lakes	481	515	102	169	0	1,267
	North Bahr El Ghazal	44	38	15	39	0	136
	Warrap	10	0	14	5	0	29
	East Equatoria	1,014	767	1,160	726	0	3,667
	Unity	913	656	742	717	0	3,028
	Jonglei	86	81	74	72	0	313
	Central Equatoria	1,836	1,700	2,404	1,926	0	7,866
Total	6,692	5,709	5,751	5,469	0	23,621	
Total	West Bahr El Ghazal	59,141	22,586	21,312	17,450	35	120,524
	West Equatoria	57,408	42,784	39,194	25,812	0	165,198
	Upper Nile	139,722	103,015	75,702	82,719	0	401,158
	Lakes	16,113	13,069	11,385	7,586	0	48,153
	North Bahr El Ghazal	10,775	7,343	4,766	6,678	0	29,562
	Warrap	18,895	11,064	15,122	10,091	0	55,172
	East Equatoria	224,285	148,506	134,626	77,583	180	585,180
	Unity	68,941	51,316	55,061	50,484	1	225,803
	Jonglei	137,143	109,124	101,674	87,638	4	435,583
	Out side	28,420	22,113	53,148	38,459	0	142,140
	Central Equatoria	215,698	142,749	172,601	91,543	9,424	632,015
Total	976,541	673,669	684,591	496,043	9,644	2,840,488	

Table 2.10: MRE by Year

Year	Boys	Girls	Men	Women	Not Specified	Total
2004	0	0	508	374	0	882
2005	1,897	1,774	13,830	989	0	18,490
2006	25,855	17,955	85,698	26,742	182	156,432
2007	202,696	40,407	130,247	38,464	9,462	421,276
2008	127,274	103,429	87,811	80,074	0	398,588
2009	87,739	73,017	64,455	55,795	0	281,006
2010	54,114	45,380	33,702	26,363	0	159,559
2011	64,538	51,173	26,781	21,649	0	164,141
2012	101,885	85,420	48,391	49,020	0	284,716
2013	78,197	58,628	56,021	54,505	0	247,351
2014	54,892	45,214	33,390	34,159	0	167,655
2015	170,762	145,563	98,006	102,440	0	516,771
2016	6,692	5,709	5,751	5,469	0	23,621
Total	976,541	673,669	684,591	496,043	9,644	2,840,488

Table 2.11: MRE by Organization Year 2016

Org/Month	Boys	Girls	Men	Women	Not Specified	Total
Mine Advisory Group	238	189	222	214	0	863
Jan-16	238	189	222	214	0	863
Malakal Media Theatre Team	511	433	169	216	0	1,329
Jan-16	511	433	169	216	0	1,329
Danish Church Aid	1,317	1,321	765	841	0	4,244
Jan-16	1,317	1,321	765	841	0	4,244
G4S	3,293	2,629	2,618	2,986	0	11,526
Jan-16	3,293	2,629	2,618	2,986	0	11,526
United Nation Mine Action Service	0	0	138	26	0	164
Jan-16	0	0	138	26	0	164
Sudan Integrated Mine Action System	537	500	583	502	0	2,122
Jan-16	537	500	583	502	0	2,122
Mine Tech International	55	46	317	163	0	581
Jan-16	55	46	317	163	0	581
TDI	741	591	939	521	0	2,792
Jan-16	741	591	939	521	0	2,792
Total	6,692	5,709	5,751	5,469	0	23,621

Chart 2.4: MRE Audience

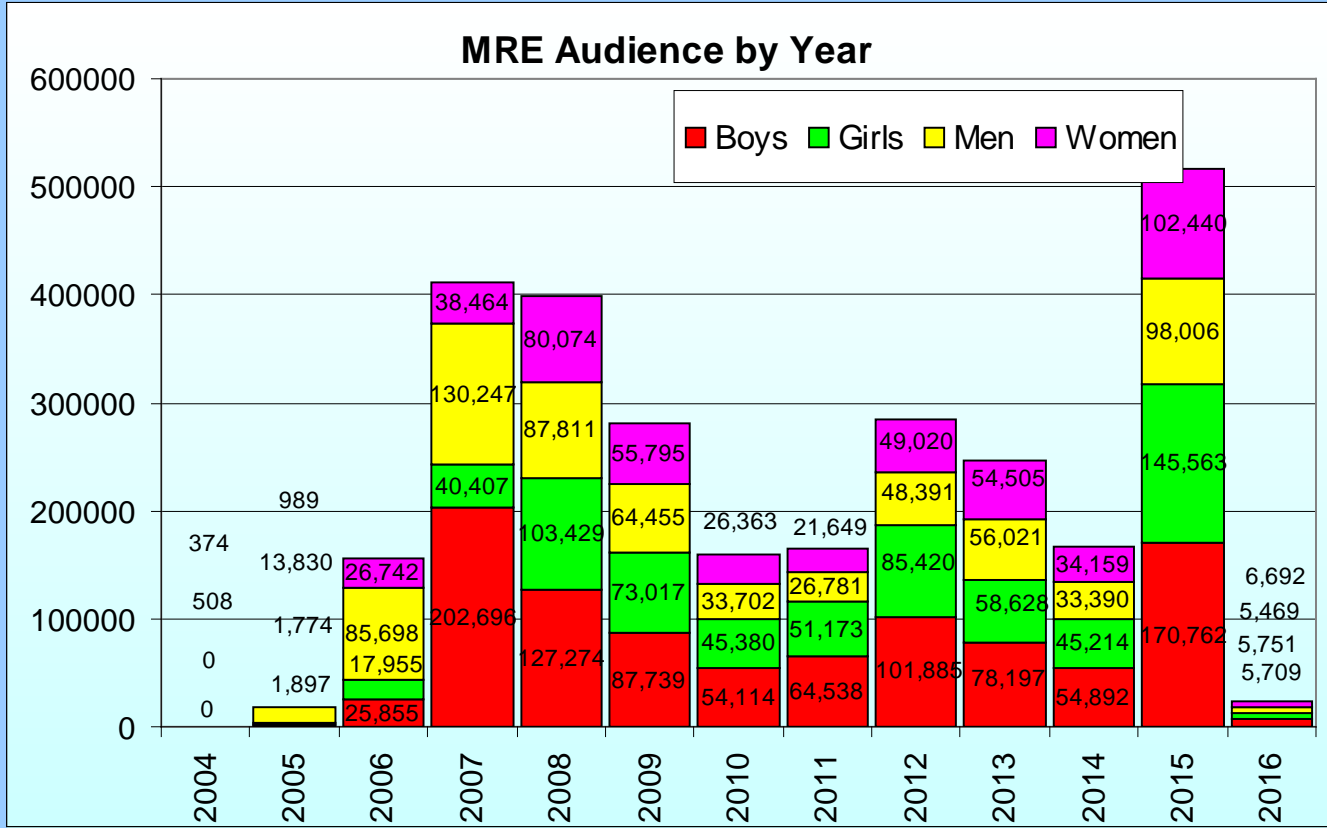
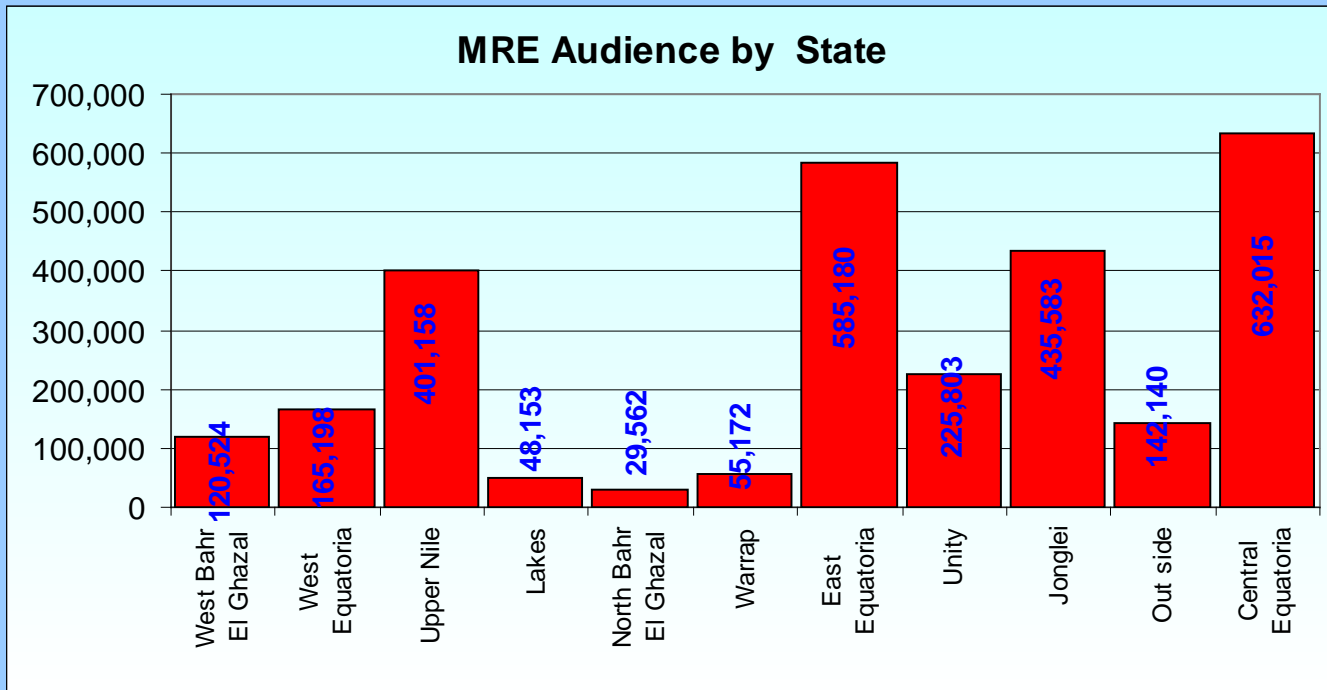


Table 2.12: Hazard Closed and Open by State:

State	Closed	Open	Total
West Bahr El Ghazal	854	16	870
West Equatoria	901	42	943
Upper Nile	607	34	641
Lakes	224	25	249
North Bahr El Ghazal	236	7	243
Warrap	619	4	623
East Equatoria	2,665	227	2,892
Unity	362	37	399
Jonglei	1,187	145	1,332
Central Equatoria	4,057	352	4,409
Total	11,712	889	12,601

Table 2.13: Hazard Closed by Year:

Year	Hazard closed
2004	36
2005	65
2006	182
2007	614
2008	1,466
2009	1,215
2010	1,325
2011	646
2012	1,099
2013	1,520
2014	1,319
2015	1,962
2016	263
Total	11,712

Chart 2.5: Status of Hazard

