



**Ministry of Defence**  
**Sudan Mine Action Programme**  
**IMSMA Monthly Report September 2022**



## **Abbreviations**

DA	–	Dangerous area
SHA	–	Suspected Hazardous Area (result of Level 1 Survey)
MF	–	Mine Field (Result of Technical survey of DA or SHA. It has defined boundary)
CHA	–	Confirm Hazardous Area
APM	–	Anti Personnel Mines
ATM	–	Anti Tank Mines
UXO	–	Unexploded Ordinance
SAA	–	Small Arms Ammunition
EOD	–	Explosive Ordinance Disposal
BAC	–	Battle Area Clearance
GMAA	–	General Mine Action Assessment
EORE	–	Explosive Ordnance Risk Education
NMAC	–	National Mine Action Center
IMSMA	–	Information Management System for Mine Action



**Ministry of Defence**  
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1. Within the framework of continuous training and capacity-development program oversees by the National Mine Action Centre (NMAC), NMAC sent one of its staffs to Geneva to take part in the advanced course on information management systems.
2. The National Mine Action Center in the Blue Nile has completed the preparations of equipping the demining and explosive ordnance risks education (EORE) teams to commence the new demining season. At the same time, JASMAR organization proceeds with the provision of assistance package to 40 victims besides a workshop in advocacy and another workshop in the management of the micro-scale projects.
3. The last week of September has witnessed a meeting chaired by the Director of El Fasher National Ordnance Disposal Office (NODO) with the participation of three organizations specialized in ordnance disposal and representatives from Al Hamra area. The meeting commended NODO's role in reducing the risks of unexploded ordnance, as well as evaluated the efforts of the National Mine Action Centre in explosive ordnance risks education.
4. Base on the efforts made by different Mine/ ERW clearance, in the affected areas in, Blue Nile, Western Kordofan, South Kordofan Northern Darfur and South Darfur States, during the month of August 2022 the following have been achieved:
  - a. **No of 6 Hazards were registered during this month and 6 Hazards were cleared. (See table 1-1).**
  - b. **In this month 101,636 sqm were cleared during this month (see table 2-1).**
  - c. **3,921 SAA and 464 UXO were destroyed during this month (See table 3-1).**
  - d. **No Accident were reported (see table 4.1).**
  - e. **No activities of EORE were done this month (see table 5.1).**
5. Since 2002 Sudan Mine Action Programme has had registered 5,015 hazard areas, where 4,624 have been cleared. In 2022 total of 221 hazardous area have been registered while 181 hazard areas have been cleared, total of 391 hazard areas remained within area of 33,904,406 sqm (see table 1-1).
6. Since the beginning of the programme the total of 137,600,870 sqm cleared and handed over to the local communities. While In 2022 a total of 870,942 sqm cleared from Mines/ ERW (see table 2-1).
7. Since 2002 total of 10,391 Anti-Personnel Mines (APM), 3,348 Anti-Tank Mines (ATM), 173,816 Unexploded Ordnance (UXO) and 5,811,075 Small Arms Ammunition (SAA) have been destroyed. While in 2022 a total of 25 Anti-Personnel Mines (APM), 13 Anti-Tank Mines (ATM), 2,175 UXOs and 24,721 Small Arms Ammunition (SAA) destroyed (see table 1-3).
8. Since 2002 till September 2022(2,539) victims were reported, from the mentioned total (1,901) injured and (638) killed. In 2022(20) victims were reported (3) Killed and (17) Injured. (See table 4-1).
9. To mitigate the risk of Mines/ ERW accidents, the National Mine Action Center (NMAC) in collaboration with the National and International NGOs (FPDO, JSMAR, AAR and NADA Alazhar) Mine/ ERW risk education activities have been conducted to 4,956,591 persons from the beginning of the programme and 185,723 persons during this year . (See table 5-1).
10. Since the beginning of the programme and till today a total of 38,529 km roads have been opened and cleared (see table 6-1).

**Note:**

Due to ongoing data cleanup, differences in figures might be noticed in total figures of this month as compared to previous of months.



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**Summary of the contamination and progress:**

**Table 1.1: Contamination:**

Period	Registered			Cleared						Remain		
	CHA	SHA	Total	CHA		SHA		Total		CHA	SHA	Total
				Old	New	Old	New	Old	New			
September	6	0	6	0	6	0	0	0	6	0	0	0
2022	209	12	221	16	153	1	11	17	164	56	1	57
<b>Running Total</b>	<b>1,294</b>	<b>3,721</b>	<b>5,015</b>	<b>1,072</b>	<b>3,552</b>	<b>4,624</b>	<b>222</b>	<b>169</b>	<b>391</b>			

**Table 2.1: Area Released:**

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 GMAA	Total Area Released
September	1,636	0	100,000	101,636	0	0	0	0	0	0	101,636
2022	33,336	459,525	297,495	790,356	0	68,086	0	0	68,086	12,500	870,942
<b>Total</b>	<b>2,242,767</b>	<b>7,408,871</b>	<b>65,198,691</b>	<b>74,850,329</b>	<b>12,692,971</b>	<b>10,916,458</b>	<b>2,901,977</b>	<b>2,214,995</b>	<b>28,726,401</b>	<b>34,024,140</b>	<b>137,600,870</b>

**Table 3.1: Devices Destroyed:**

Period	AP	AT	SAA	UXO
September	0	0	3,921	464
2022	25	13	24,721	2,175
<b>Running Total</b>	<b>10,391</b>	<b>3,348</b>	<b>5,811,075</b>	<b>173,816</b>

**Table 4.1: Casualties:**

Period	Killed						Injured						Total
	Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
2022	1	0	2	0	0	3	2	1	9	5	0	17	20
<b>Running Total</b>	<b>260</b>	<b>33</b>	<b>156</b>	<b>35</b>	<b>154</b>	<b>638</b>	<b>868</b>	<b>94</b>	<b>481</b>	<b>111</b>	<b>347</b>	<b>1,901</b>	<b>2,539</b>

**Table 5.1: EORE:**

Period	Boys	Girls	Men	Women	Not Specified	Total
2022	50,699	45,128	47,479	42,417	0	185,723
<b>Running Total</b>	<b>1,416,998</b>	<b>1,198,120</b>	<b>1,075,111</b>	<b>1,062,551</b>	<b>203,812</b>	<b>4,956,591</b>

**Table 6.1: Road Opened:**

Period	Road Assessed (Km)	Road Verified (km)	Road Opened(km)
2022	64.12	0	0
<b>Running Total</b>	<b>36,448</b>	<b>2,081</b>	<b>38,529</b>

## 2. Detailed Report on Mine Action Activities in Sudan

**Table 2.2: Area Released by year:**

Year	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Release	Cancelled GMAA	Total Area Released
2002	1,782	0	0	1,782	0	48,480	0	0	48,480	0	50,262
2003	0	0	0	0	0	465,882	0	0	465,882	0	465,882
2004	25,965	0	0	25,965	0	268,606	0	0	268,606	0	294,571
2005	37,823	0	1,050	38,873	0	140,138	0	92,400	232,538	0	271,411
2006	87,700	36,000	880,227	1,003,927	0	175,702	0	0	175,702	0	1,179,629
2007	18,381	157,760	18,260,000	18,436,141	0	666,474	0	3,812	670,286	0	19,106,427
2008	7,311	251,036	178,263	436,610	0	943,254	0	10,808	954,062	0	1,390,672
2009	37,248	478,922	1,827,405	2,343,575	1,195,514	968,567	95,354	104,229	2,363,664	0	4,707,239
2010	26,003	1,111,084	459,494	1,596,581	645,074	458,315	1,218,951	608,470	2,930,810	22,757,677	27,285,068
2011	1,523,284	1,305,956	17,762,979	20,592,219	0	369,709	894,061	222,763	1,486,533	154,224	22,232,976
2012	7,520	357,648	261,500	626,668	0	422,196	128,965	0	551,161	0	1,177,829
2013	58	361,067	584,625	945,750	1,821,301	385,770	313,734	74,770	2,595,575	7,784,366	11,325,691
2014	87	270,761	297,000	567,848	285,212	2,280,689	63,364	125,315	2,754,580	898,524	4,220,952
2015	45	65,250	1,182,024	1,247,319	0	278,401	30,104	114,653	423,158	0	1,670,477
2016	2,001	297,810	1,205,630	1,505,441	2,337,945	776,780	89,690	177,634	3,382,049	1,503,676	6,391,166
2017	15,011	311,930	2,536,057	2,862,998	259,551	575,439	67,754	64,141	966,885	74,875	3,904,758
2018	399,105	523,207	15,450,378	16,372,690	21,017	689,898	0	289,550	1,000,465	0	17,373,155
2019	25	501,100	898,725	1,399,850	6,127,357	621,718	0	254,850	7,003,925	0	8,403,775
2020	0	528,026	2,280,964	2,808,990	0	285,799	0	68,000	353,799	0	3,162,789
2021	20,082	391,789	834,875	1,246,746	0	26,555	0	3600	30,155	838,298	2,115,199
2022	33,336	459,525	297,495	790,356	0	68,086	0	0	68,086	12,500	870,942
<b>Total</b>	<b>2,242,767</b>	<b>7,408,871</b>	<b>65,198,691</b>	<b>74,850,329</b>	<b>12,692,971</b>	<b>10,916,458</b>	<b>2,901,977</b>	<b>2,214,995</b>	<b>28,726,401</b>	<b>34,024,140</b>	<b>137,600,870</b>

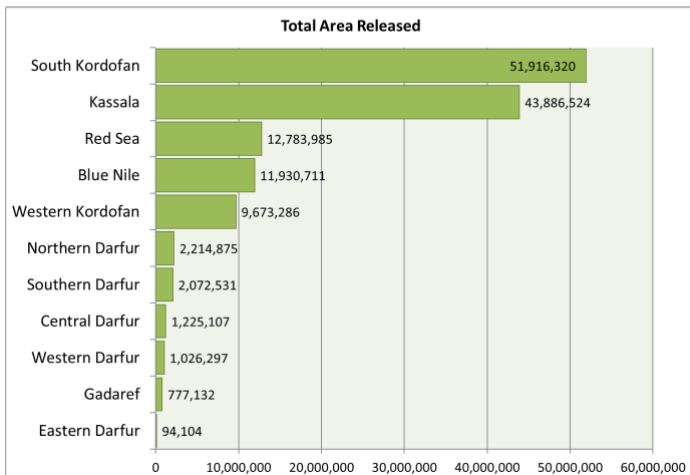
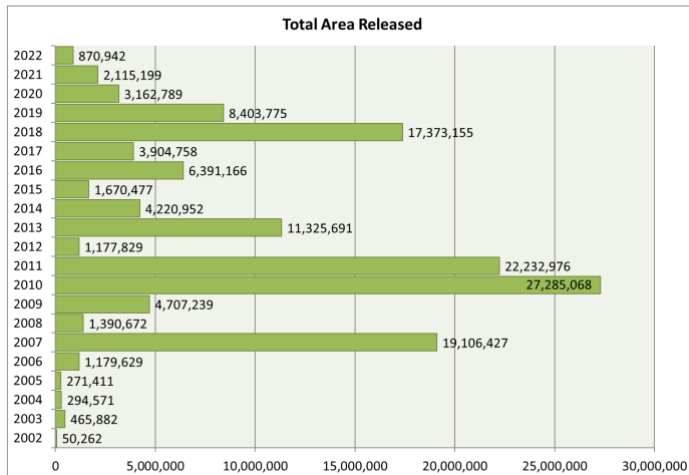
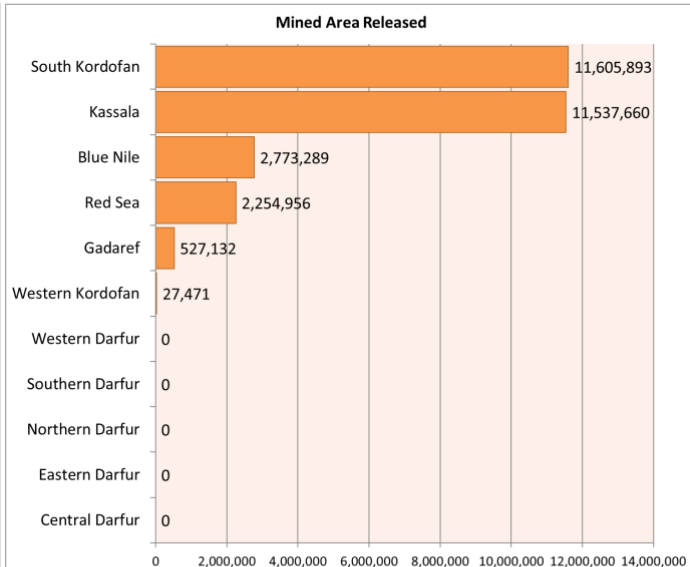
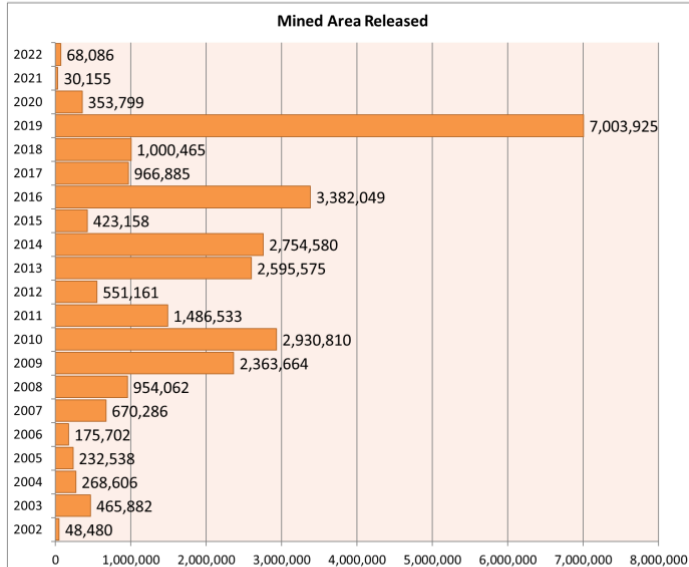
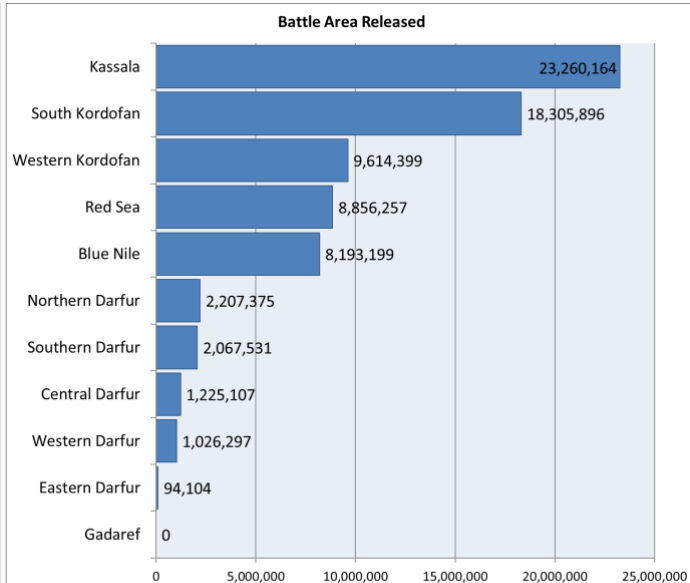
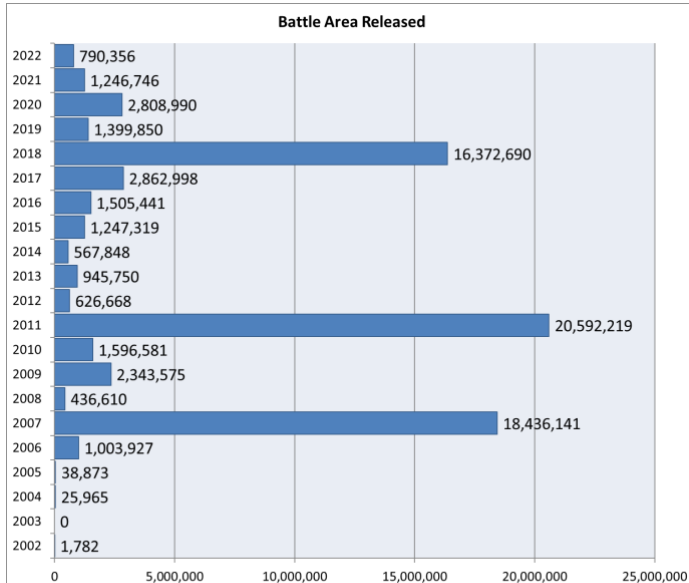
**Table 2.3: Area Released by State:**

Period	State	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Release	Cancelled GMAA	Total Area Released
Sept	Central Darfur	1,636	0	100,000	101,636	0	0	0	0	0	0	101,636
	<b>Grand Total</b>	<b>1,636</b>	<b>0</b>	<b>100,000</b>	<b>101,636</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>101,636</b>
2022	Central Darfur	1,636	0	100,000	101,636	0	0	0	0	0	0	101,636
	Blue Nile	5,000	459,400	187,495	651,895	0	24,942	0	0	24,942	0	676,837
	Northern Darfur	1,600	0	0	1,600	0	0	0	0	0	7,500	9,100
	South Kordofan	0	125	10,000	10,125	0	43,144	0	0	43,144	0	53,269
	Southern Darfur	5,200	0	0	5,200	0	0	0	0	0	5,000	10,200
	Western Darfur	19,900	0	0	19,900	0	0	0	0	0	0	19,900
	<b>Grand Total</b>	<b>33,336</b>	<b>459,525</b>	<b>297,495</b>	<b>790,356</b>	<b>0</b>	<b>68,086</b>	<b>0</b>	<b>0</b>	<b>68,086</b>	<b>12,500</b>	<b>870,942</b>
Total	Blue Nile	120,702	2,127,144	5,945,353	8,193,199	392,138	1,083,965	921,763	375,423	2,773,289	964,222	11,930,711
	Central Darfur	214,152	100	1,010,855	1,225,107	0	0	0	0	0	0	1,225,107
	Eastern Darfur	21,704	30,000	42,400	94,104	0	0	0	0	0	0	94,104
	Gadaref	0	0	0	0	182,633	233,235	0	111,264	527,132	250,000	777,132
	Kassala	522,652	2,542,239	20,195,273	23,260,164	4,286,379	4,662,981	1,672,630	915,670	11,537,660	9,088,700	43,886,524
	Northern Darfur	59,158	549,185	1,599,032	2,207,375	0	0	0	0	0	7,500	2,214,875
	Red Sea	26	176,096	8,680,135	8,856,257	1,214,413	714,413	279,930	46,200	2,254,956	1,672,772	12,783,985
	South Kordofan	269,329	1,609,502	16,427,065	18,305,896	6,617,408	4,194,393	27,654	766,438	11,605,893	22,004,530	51,916,320
	Southern Darfur	5,241	183,728	1,878,562	2,067,531	0	0	0	0	0	5,000	2,072,531
	Western Darfur	1,020,040	6,257	0	1,026,297	0	0	0	0	0	0	1,026,297
	Western Kordofan	9,763	184,620	9,420,016	9,614,399	0	27,471	0	0	27,471	31,416	9,673,286
	<b>Grand Total</b>	<b>2,242,767</b>	<b>7,408,871</b>	<b>65,198,691</b>	<b>74,850,329</b>	<b>12,692,971</b>	<b>10,916,458</b>	<b>2,901,977</b>	<b>2,214,995</b>	<b>28,726,401</b>	<b>34,024,140</b>	<b>137,600,870</b>

**Note :**

Since the declaration completion of the clearance of the registered dangerous areas in Eastern States, NMAC remains handling residual risk which mainly represented in the explosive remnant of war, according to the international and national standards.

**Chart 2.4: Area Released:**



## Area Released By State



**Table 3.2: Devices Destroyed by year:**

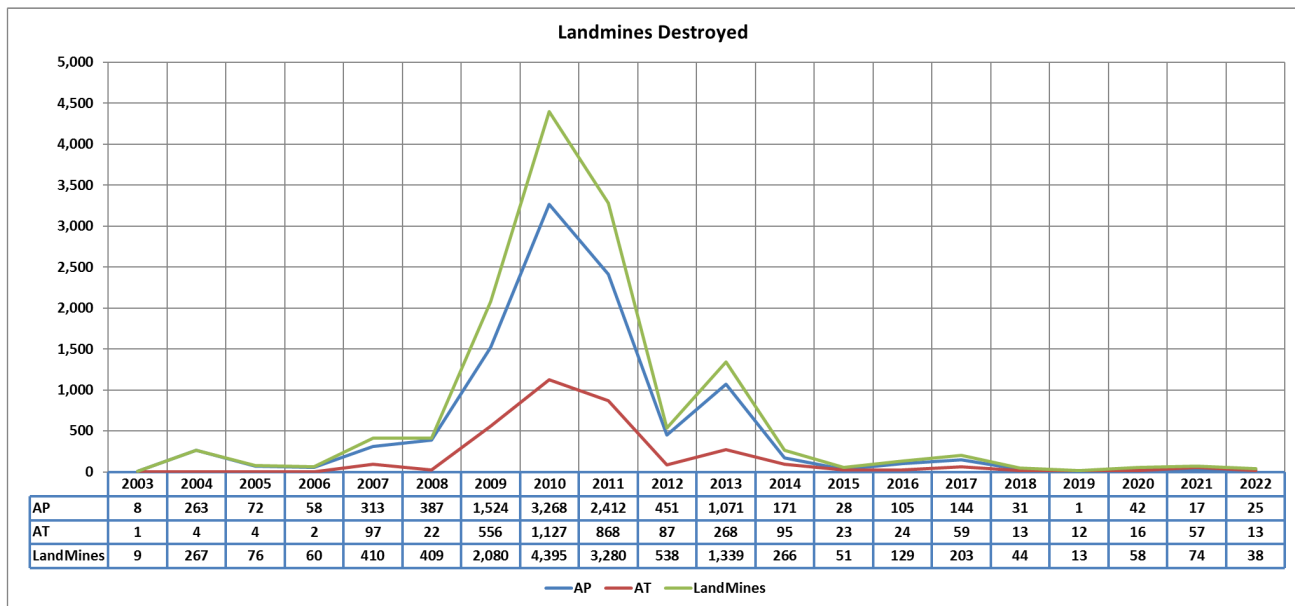
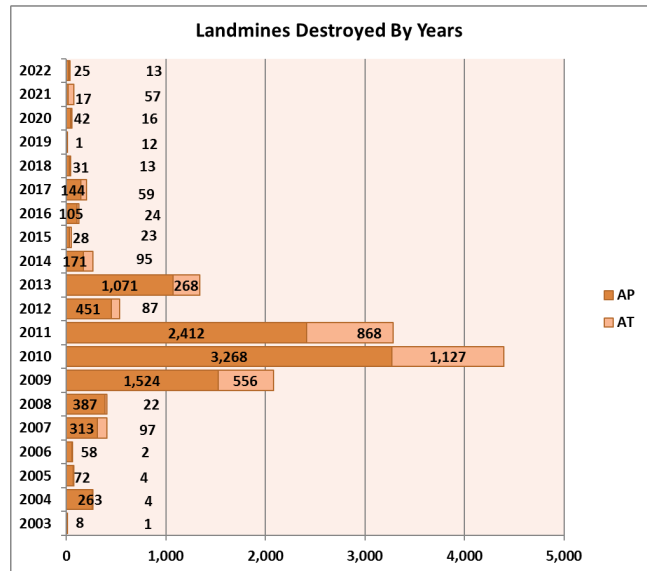
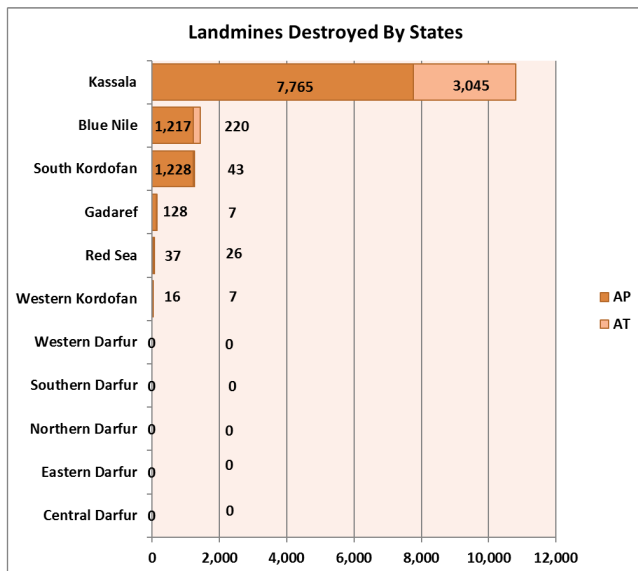
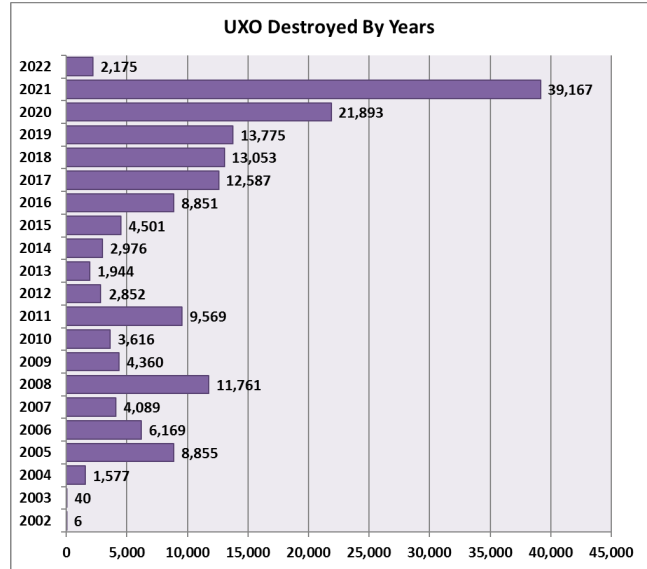
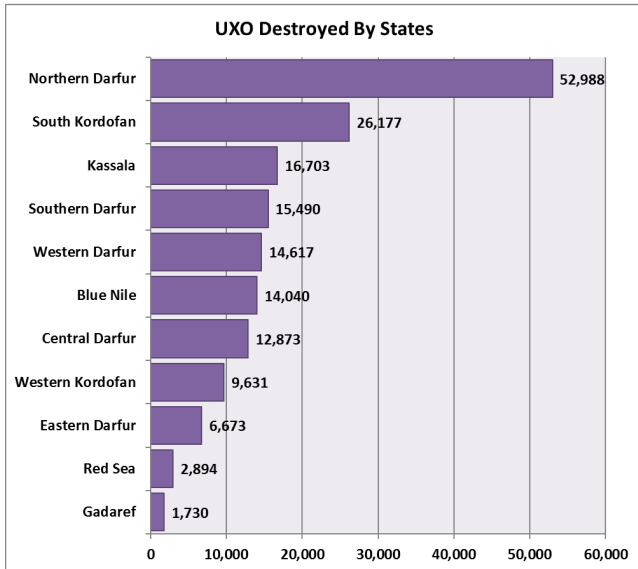
Year	AP	AT	SAA	UXO
2002	0	0	345	6
2003	8	1	0	40
2004	263	4	500	1,577
2005	72	4	56,198	8,855
2006	58	2	45,727	6,169
2007	313	97	153,385	4,089
2008	387	22	82,389	11,761
2009	1,524	556	9,795	4,360
2010	3,268	1,127	20,253	3,616
2011	2,412	868	15,776	9,569
2012	451	87	8,334	2,852
2013	1,071	268	10,924	1,944
2014	171	95	14,020	2,976
2015	28	23	61,329	4,501
2016	105	24	258,255	8,851
2017	144	59	86,298	12,587
2018	31	13	696,144	13,053
2019	1	12	74,412	13,775
2020	42	16	837,147	21,893
2021	17	57	3,355,123	39,167
2022	25	13	24,721	2,175
<b>Total</b>	<b>10,391</b>	<b>3,348</b>	<b>5,811,075</b>	<b>173,816</b>

**Table 3.3: Devices Destroyed by State:**

Period	State	AP	AT	SAA	UXO
September	Central Darfur	0	0	3,921	464
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>3,921</b>	<b>464</b>
2022	Blue Nile	14	8	17,844	1,108
	Central Darfur	0	0	3,921	464
	Northern Darfur	0	0	0	16
	South Kordofan	11	5	2,939	520
	Southern Darfur	0	0	0	39
	Western Darfur	0	0	17	28
	<b>Total</b>	<b>25</b>	<b>13</b>	<b>24,721</b>	<b>2,175</b>
Total	Blue Nile	1,217	220	306,703	14,040
	Central Darfur	0	0	121,940	12,873
	Eastern Darfur	0	0	94,736	6,673
	Gadaref	128	7	28,619	1,730
	Kassala	7,765	3,045	15,776	16,703
	Northern Darfur	0	0	3,762,730	52,988
	Red Sea	37	26	16,697	2,894
	South Kordofan	1,228	43	346,273	26,177
	Southern Darfur	0	0	982,239	15,490
	Western Darfur	0	0	130,307	14,617
	Western Kordofan	16	7	5,055	9,631
<b>Total</b>	<b>10,391</b>	<b>3,348</b>	<b>5,811,075</b>	<b>173,816</b>	



**Chart 3.4: Devices Destroyed:**



### Landmine Destroyed By State



### ERW Destroyed By State



**Table 4.2: Casualties by States:**

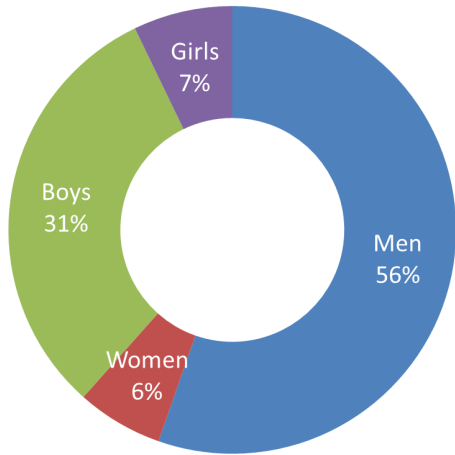
Period	State	Killed						Injured						Total
		Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
2022	Blue Nile	0	0	0	0	0	0	0	0	3	0	0	3	3
	Central Darfur	1	0	0	0	0	1	1	0	0	0	0	1	2
	Eastern Darfur	0	0	0	0	0	0	0	0	1	0	0	1	1
	Northern Darfur	0	0	2	0	0	2	0	1	4	2	0	7	9
	South Kordofan	0	0	0	0	0	0	1	0	0	0	0	1	1
	Western Darfur	0	0	0	0	0	0	0	0	1	3	0	4	4
	<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>5</b>	<b>0</b>	<b>17</b>	<b>20</b>
Total	Blue Nile	84	1	32	3	29	149	187	15	59	4	50	315	464
	Central Darfur	1	0	7	3	2	13	25	10	47	11	4	97	110
	Eastern Darfur	3	2	9	3	2	19	16	1	32	10	2	61	80
	Gadaref	1	0	1	0	1	3	3	0	1	0	1	5	8
	Kassala	79	8	20	4	10	121	268	16	63	9	41	397	518
	North Kordofan	1	0	0	0	0	1	0	0	0	0	0	0	1
	Northern Darfur	5	3	29	3	7	47	29	9	75	16	23	152	199
	Red Sea	15	3	6	1	2	27	28	0	3	1	3	35	62
	South Kordofan	60	10	26	12	92	200	238	28	87	26	173	552	752
	Southern Darfur	2	2	8	4	3	19	34	13	77	14	3	141	160
	Western Darfur	2	1	16	2	0	21	24	1	34	20	6	85	106
	Western Kordofan	7	3	2	0	6	18	16	1	3	0	41	61	79
	<b>Total</b>	<b>260</b>	<b>33</b>	<b>156</b>	<b>35</b>	<b>154</b>	<b>638</b>	<b>868</b>	<b>94</b>	<b>481</b>	<b>111</b>	<b>347</b>	<b>1,901</b>	<b>2,539</b>

**Table 4.3: Casualties by Year:**

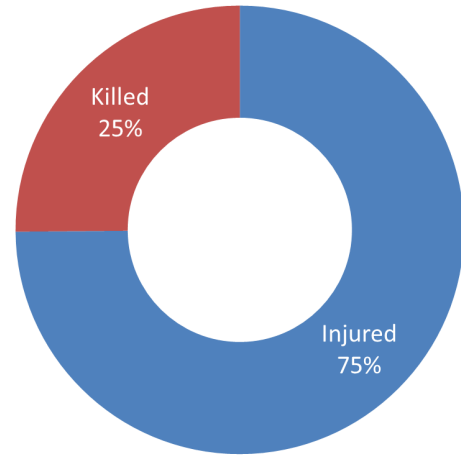
Year	Killed						Injured						Total
	Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
Before 2012	241	28	108	23	131	531	712	49	268	62	297	1,388	1,919
2012	7	2	15	2	9	35	29	4	27	3	35	98	133
2013	1	0	0	0	1	2	15	8	20	6	0	49	51
2014	1	2	0	0	0	3	31	7	16	3	0	57	60
2015	5	0	5	0	9	19	14	4	22	3	9	52	71
2016	0	0	2	1	0	3	8	5	11	4	3	31	34
2017	1	0	6	3	2	12	12	5	26	3	0	46	58
2018	0	1	12	3	2	18	19	3	20	9	3	54	72
2019	1	0	3	2	0	6	9	2	17	6	0	34	40
2020	1	0	2	1	0	4	8	5	20	5	0	38	42
2021	1	0	1	0	0	2	9	1	25	2	0	37	39
2022	1	0	2	0	0	3	2	1	9	5	0	17	20
<b>Grand Total</b>	<b>260</b>	<b>33</b>	<b>156</b>	<b>35</b>	<b>154</b>	<b>638</b>	<b>868</b>	<b>94</b>	<b>481</b>	<b>111</b>	<b>347</b>	<b>1,901</b>	<b>2,539</b>

**Chart 4.4: Casualties:**

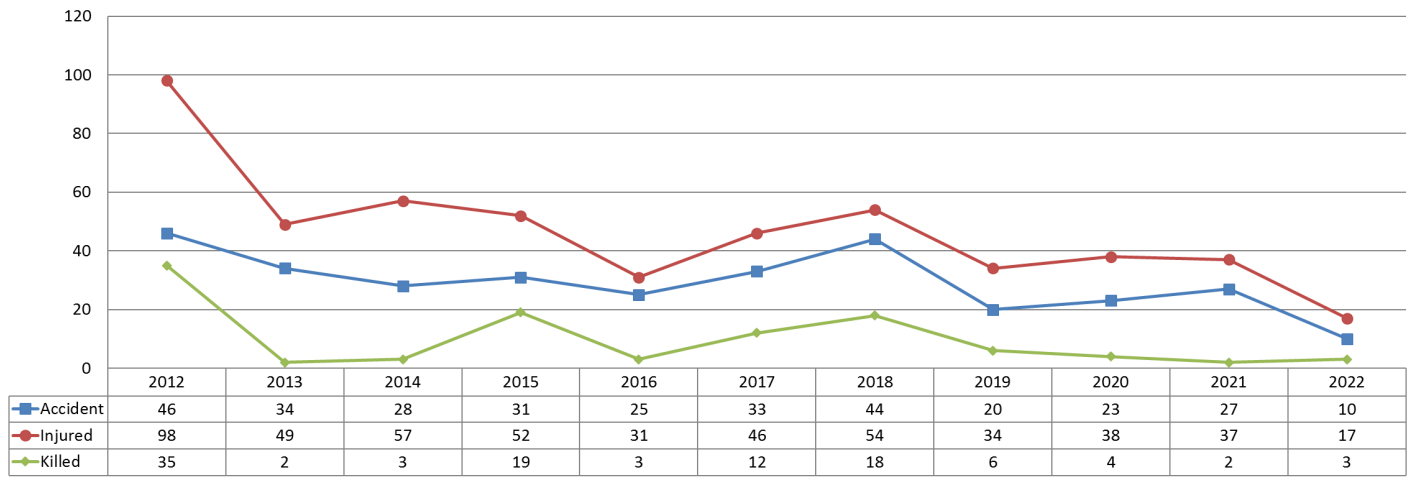
**Victims Disaggregation Boys, Girls, Men and Women**



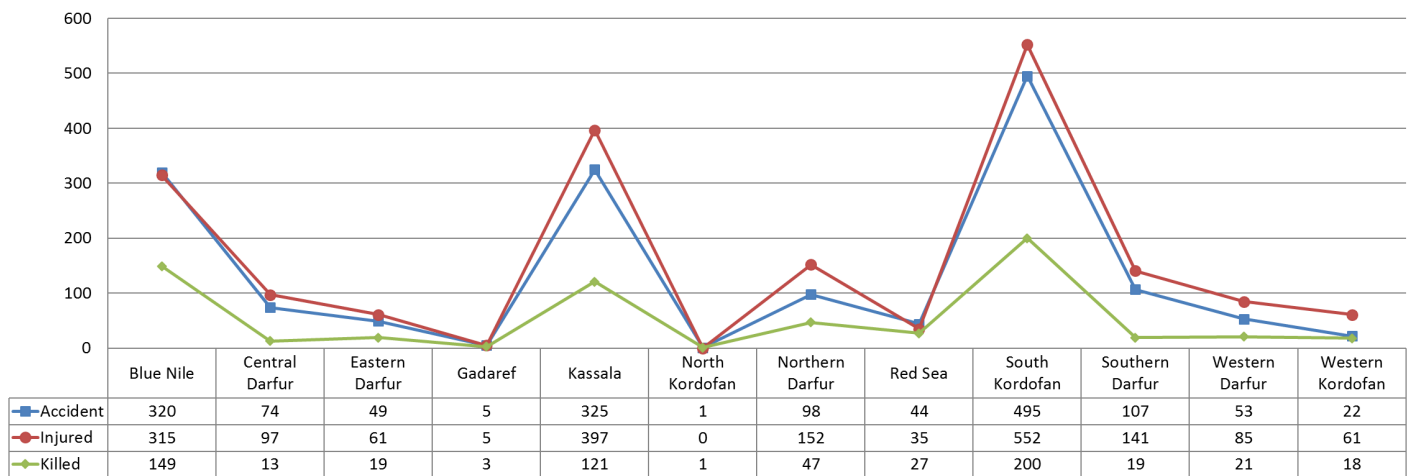
**Victims Disaggregation Killed and Injured**



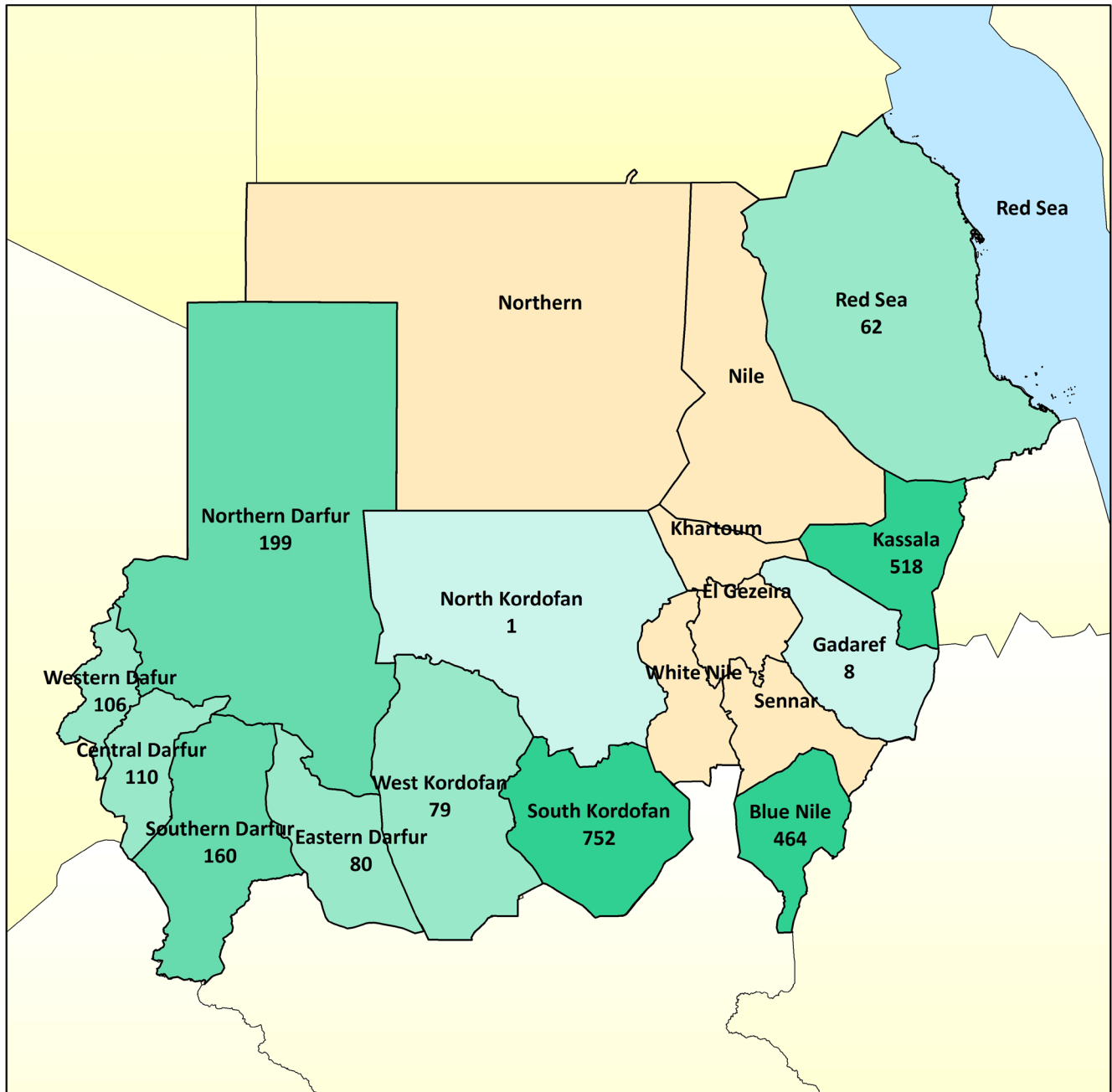
**Landmine / ERW Accidents by Years**



**Landmine / ERW Accidents States**



## Casualties Distributed By State



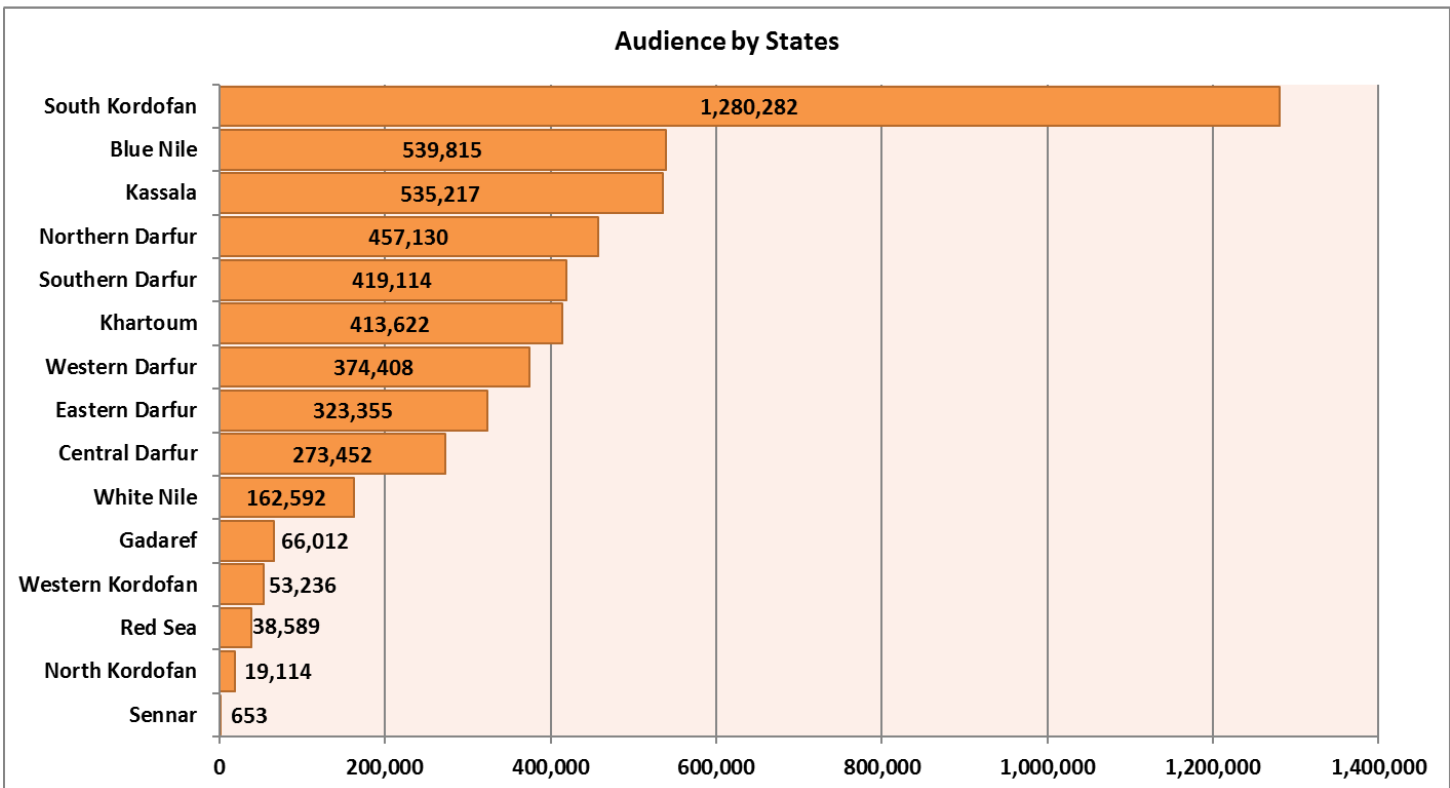
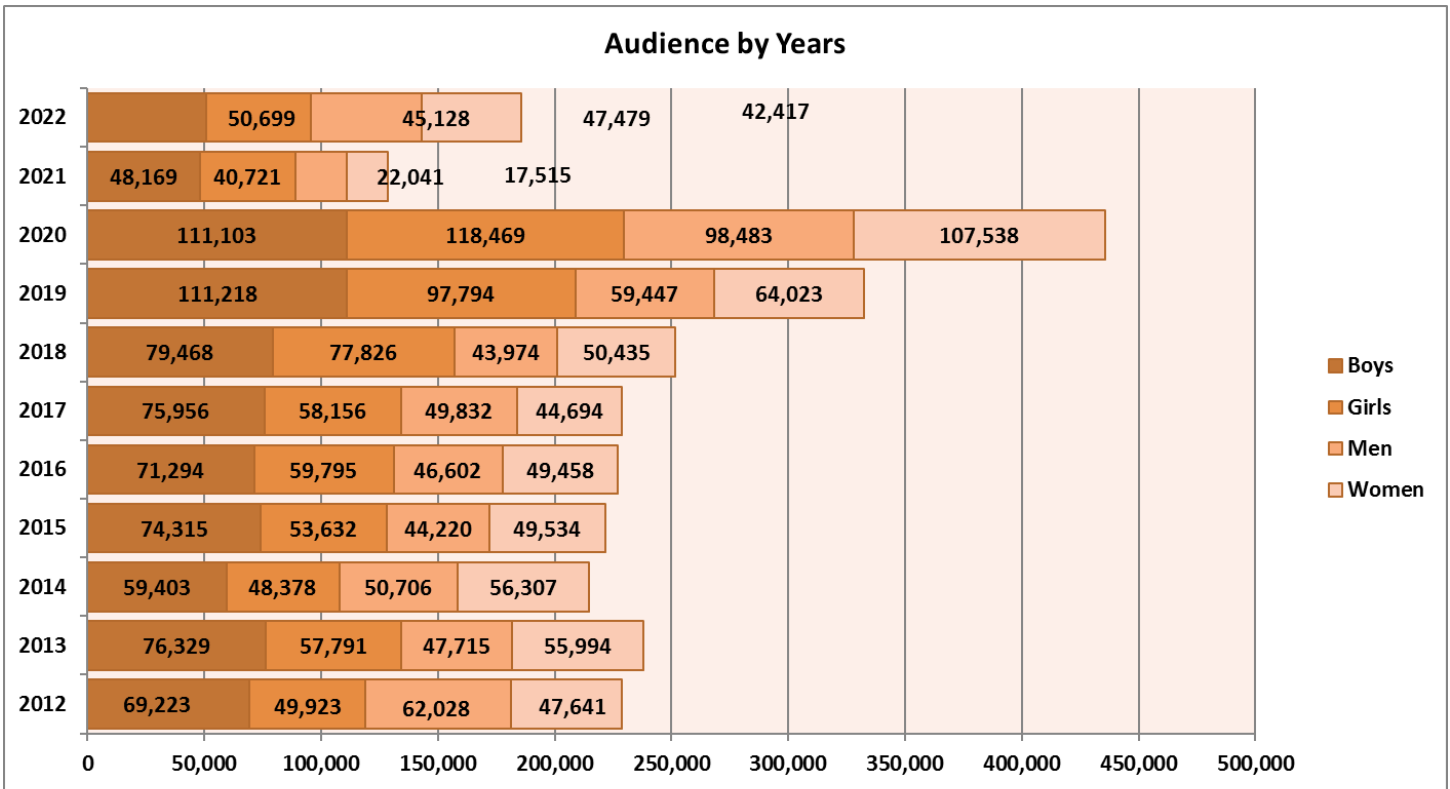
**Table 5.2: EORE by State:**

Period	State	Boys	Girls	Men	Women	Not Specified	Total
2022	Blue Nile	13,614	13,373	14,244	13,775	0	55,006
	Gadaref	12,162	11,365	14,646	13,853	0	52,026
	Kassala	2,754	2,236	408	317	0	5,715
	South Kordofan	22,169	18,154	18,181	14,472	0	72,976
	<b>Total</b>	<b>50,699</b>	<b>45,128</b>	<b>47,479</b>	<b>42,417</b>	<b>0</b>	<b>185,723</b>
Total	Blue Nile	140,045	131,770	131,795	135,201	1,004	539,815
	Central Darfur	97,724	82,489	39,546	53,694	0	273,452
	Eastern Darfur	94,170	77,739	78,186	72,690	571	323,355
	Gadaref	15,282	13,440	19,921	17,371	0	66,012
	Kassala	153,778	94,876	170,163	114,547	1,854	535,217
	Khartoum	100,665	83,569	86,725	79,242	63,421	413,622
	North Kordofan	6,802	6,754	2,512	3,046	0	19,114
	Northern Darfur	155,465	132,401	70,432	98,832	0	457,130
	Red Sea	13,072	8,164	8,778	8,494	81	38,589
	Sennar	145	112	124	272	0	653
	South Kordofan	324,555	308,507	270,215	255,670	121,335	1,280,282
	Southern Darfur	142,165	111,598	72,957	92,395	0	419,114
	Western Darfur	121,909	99,919	76,271	76,310	0	374,408
	Western Kordofan	12,668	11,700	11,495	12,381	4,992	53,236
	White Nile	38,555	35,084	35,992	42,408	10,554	162,592
<b>Total</b>	<b>1,416,998</b>	<b>1,198,120</b>	<b>1,075,111</b>	<b>1,062,551</b>	<b>203,812</b>	<b>4,956,591</b>	

**Table 5.3: EORE by Year:**

Year	Boys	Girls	Men	Women	Not Specified	Total
Before 2012	589,821	490,507	502,584	476,995	203,695	2,263,603
2012	69,223	49,923	62,028	47,641	117	228,932
2013	76,329	57,791	47,715	55,994	0	237,829
2014	59,403	48,378	50,706	56,307	0	214,794
2015	74,315	53,632	44,220	49,534	0	221,701
2016	71,294	59,795	46,602	49,458	0	227,149
2017	75,956	58,156	49,832	44,694	0	228,638
2018	79,468	77,826	43,974	50,435	0	251,701
2019	111,218	97,794	59,447	64,023	0	332,482
2020	111,103	118,469	98,483	107,538	0	435,593
2021	48,169	40,721	22,041	17,515	0	128,446
2022	50,699	45,128	47,479	42,417	0	185,723
<b>Total</b>	<b>1,416,998</b>	<b>1,198,120</b>	<b>1,075,111</b>	<b>1,062,551</b>	<b>203,812</b>	<b>4,956,591</b>

**Chart 5.4: EORE Audience:**





# EORE Distributed By State



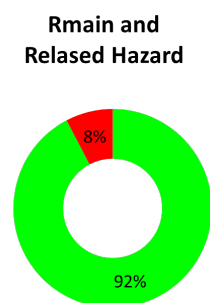
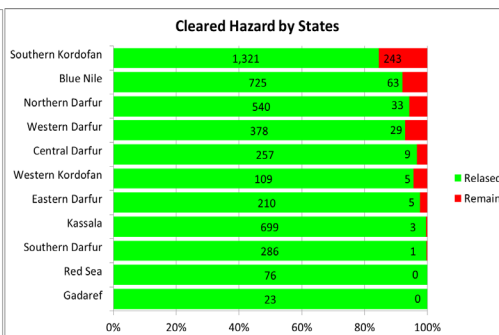
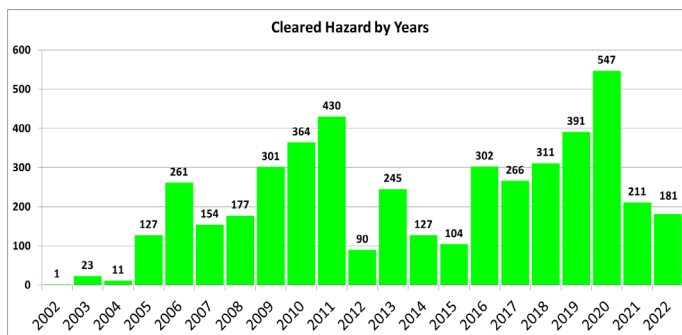
**Table 1.2: Hazard Registered, Cleared and Active by State:**

State	Registered			Cleared			Remain		
	CHA	SHA	Total	CHA	SHA	Total	CHA	SHA	Total
Blue Nile	305	483	788	263	462	725	42	21	63
Central Darfur	71	195	266	71	186	257	0	9	9
Eastern Darfur	17	198	215	16	194	210	1	4	5
Gadaref	12	11	23	12	11	23	0	0	0
Kassala	179	523	702	176	523	699	3	0	3
Northern Darfur	121	452	573	103	437	540	18	15	33
Red Sea	9	67	76	9	67	76	0	0	0
Southern Darfur	57	230	287	57	229	286	0	1	1
Southern Kordofan	463	1,101	1,564	312	1,009	1,321	151	92	243
Western Darfur	57	350	407	50	328	378	7	22	29
Western Kordofan	3	111	114	3	106	109	0	5	5
<b>Grand Total</b>	<b>1,294</b>	<b>3,721</b>	<b>5,015</b>	<b>1,072</b>	<b>3,552</b>	<b>4,624</b>	<b>222</b>	<b>169</b>	<b>391</b>

**Table 1.3: Hazard Registered, Cleared and Active by Year:**

Year	Registered			Cleared			Remain		
	CHA	SHA	Total	CHA	SHA	Total	CHA	SHA	Total
2002	0	103	103	0	1	1	0	2	2
2003	0	31	31	0	23	23	0	1	1
2004	7	40	47	0	11	11	4	1	5
2005	33	202	235	2	125	127	6	6	12
2006	9	369	378	1	260	261	3	11	14
2007	24	230	254	23	131	154	1	3	4
2008	76	371	447	9	168	177	26	15	41
2009	34	94	128	8	293	301	2	27	29
2010	29	196	225	54	310	364	0	7	7
2011	23	280	303	77	353	430	8	18	26
2012	5	66	71	8	82	90	0	0	0
2013	22	206	228	15	230	245	0	5	5
2014	6	78	84	13	114	127	0	0	0
2015	11	100	111	6	98	104	0	2	2
2016	2	284	286	10	292	302	0	8	8
2017	6	264	270	9	257	266	0	9	9
2018	1	308	309	1	310	311	0	8	8
2019	113	287	400	95	296	391	12	17	29
2020	449	144	593	404	143	547	50	11	61
2021	235	56	291	168	43	211	54	17	71
2022	209	12	221	169	12	181	56	1	57
<b>Grand Total</b>	<b>1,294</b>	<b>3,721</b>	<b>5,015</b>	<b>1,072</b>	<b>3,552</b>	<b>4,624</b>	<b>222</b>	<b>169</b>	<b>391</b>

**Chart 1.4: Status of Hazard:**



### Released Hazard By State



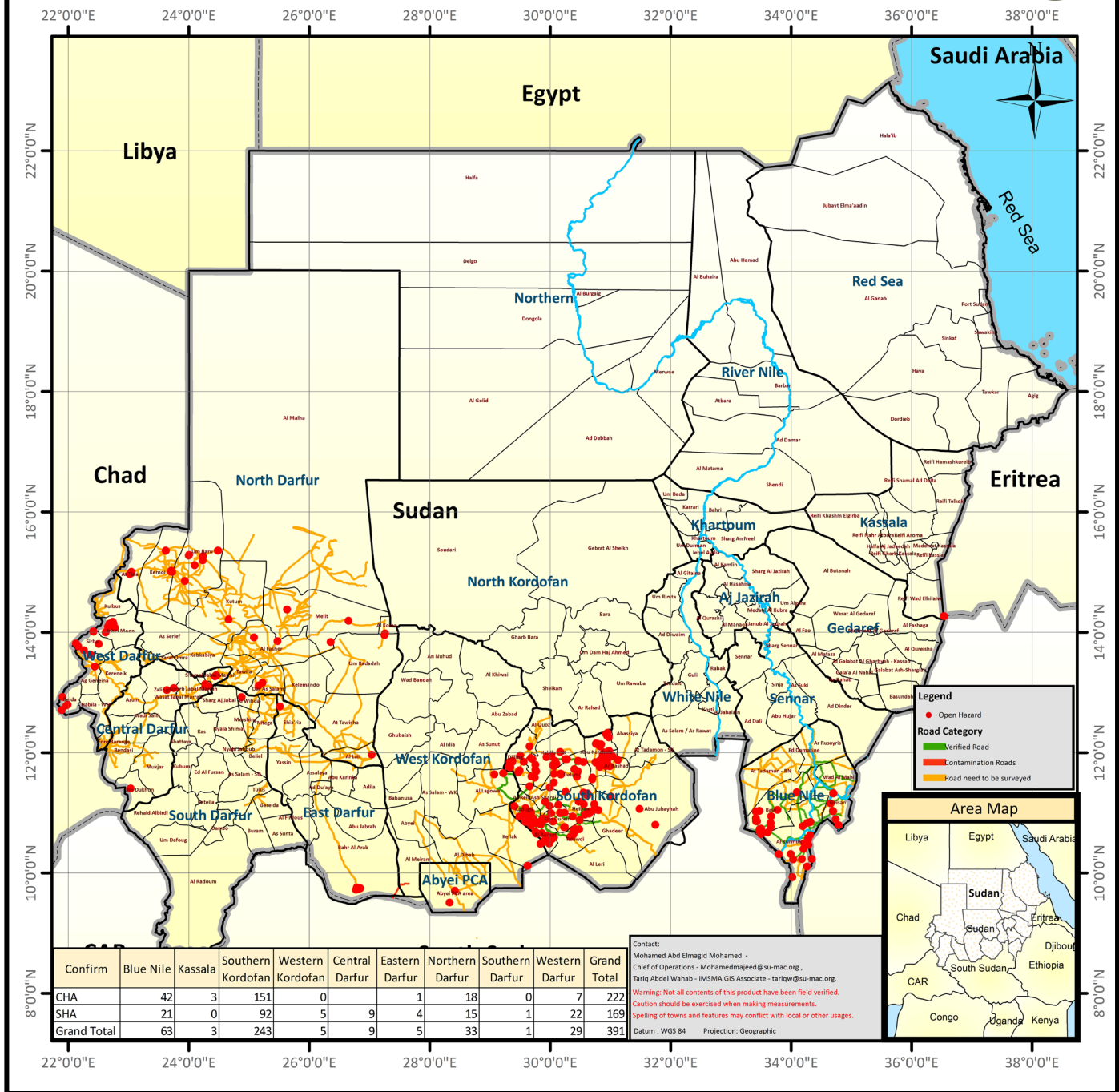
### Remain Hazard By State



**All Darfur states are contaminated with ERW and free of mines.**

# Landmine/ERW Threat Map - Sudan

As of September 2022



	Confirm	Blue Nile	Kassala	Southern Kordofan	Western Kordofan	Central Darfur	Eastern Darfur	Northern Darfur	Southern Darfur	Western Darfur	Grand Total
CHA	42	3	151	0		1	18	0	7	222	
SHA	21	0	92	5	9	4	15	1	22	169	
<b>Grand Total</b>	<b>63</b>	<b>3</b>	<b>243</b>	<b>5</b>	<b>9</b>	<b>5</b>	<b>33</b>	<b>1</b>	<b>29</b>	<b>391</b>	

Contact:  
 Mohamed Abd Elmagid Mohamed - Chief of Operations - Mohamedmajeed@su-mac.org  
 Tariq Abdel Wahab - IMSMA GIS Associate - tariqwa@su-mac.org  
 Warning: Not all contents of this product have been field verified.  
 Caution should be exercised when making measurements.  
 Spelling of towns and features may conflict with local or other usages.  
 Datum : WGS 84 Projection: Geographic

**Legend**

- Open Hazard
- Road Category
- Verified Road
- Contamination Roads
- Road need to be surveyed

