

SUPPLEMENTARY DATA

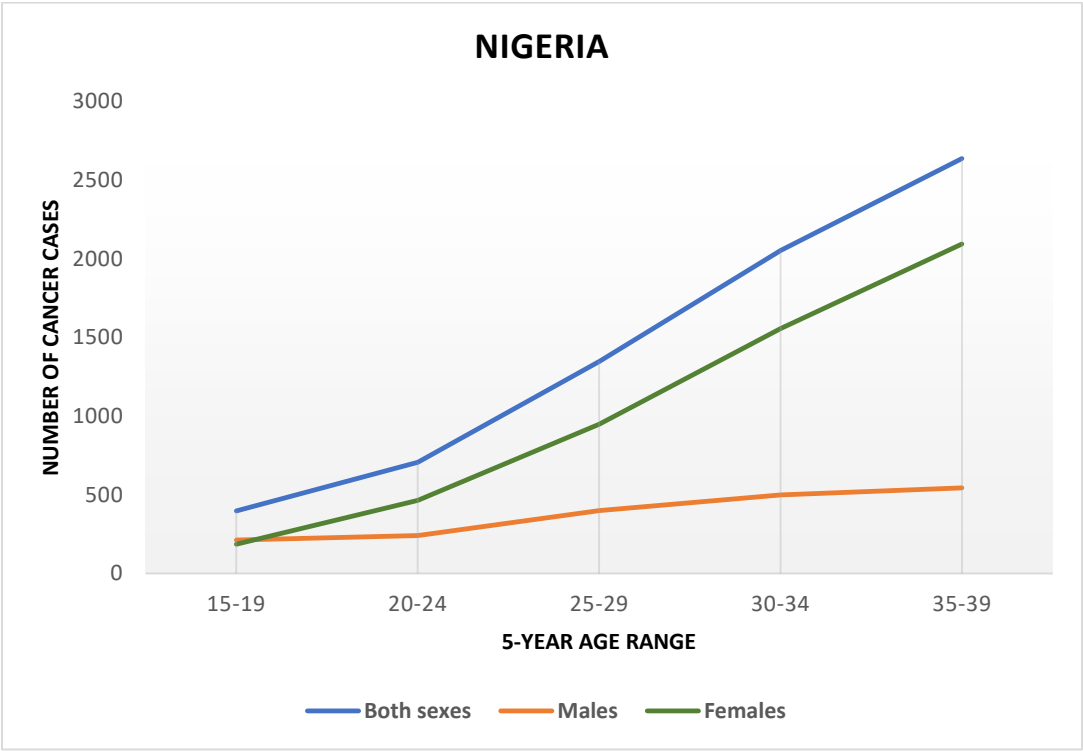


Figure 3A: Number of cancer cases in AYAs by Age range and sex in Nigeria.

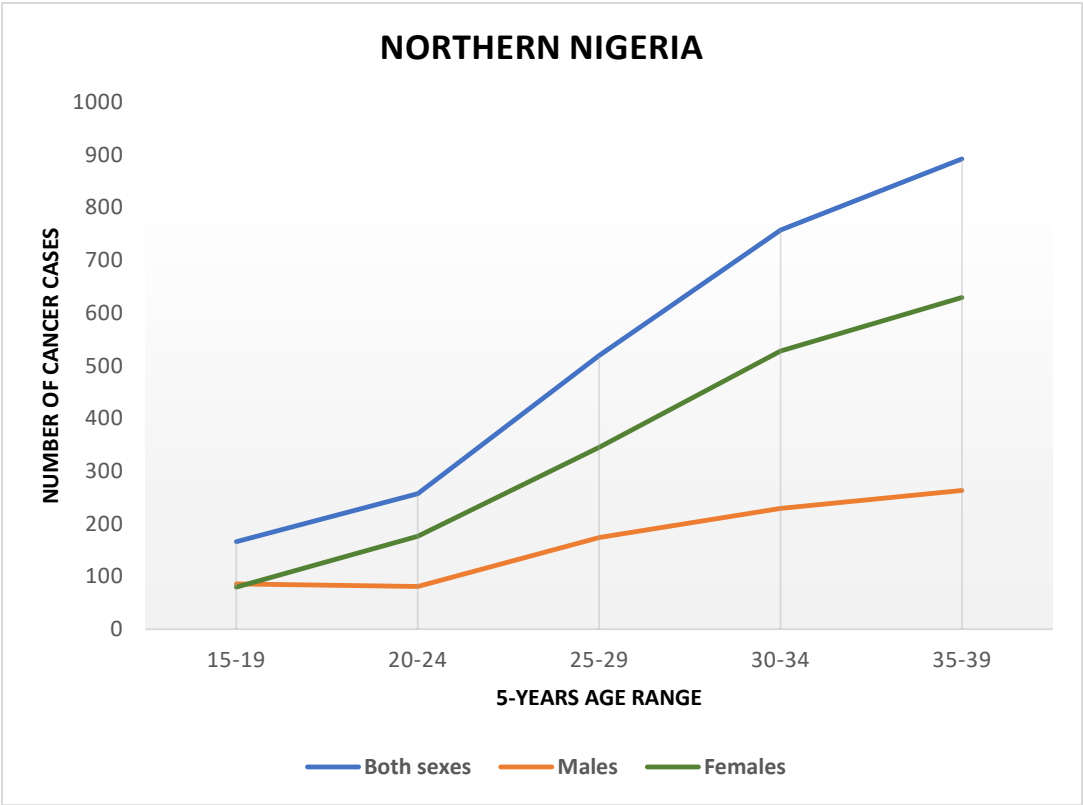


Figure 3B: Number of cancer cases in AYAs by Age range and sex in Northern Nigeria.

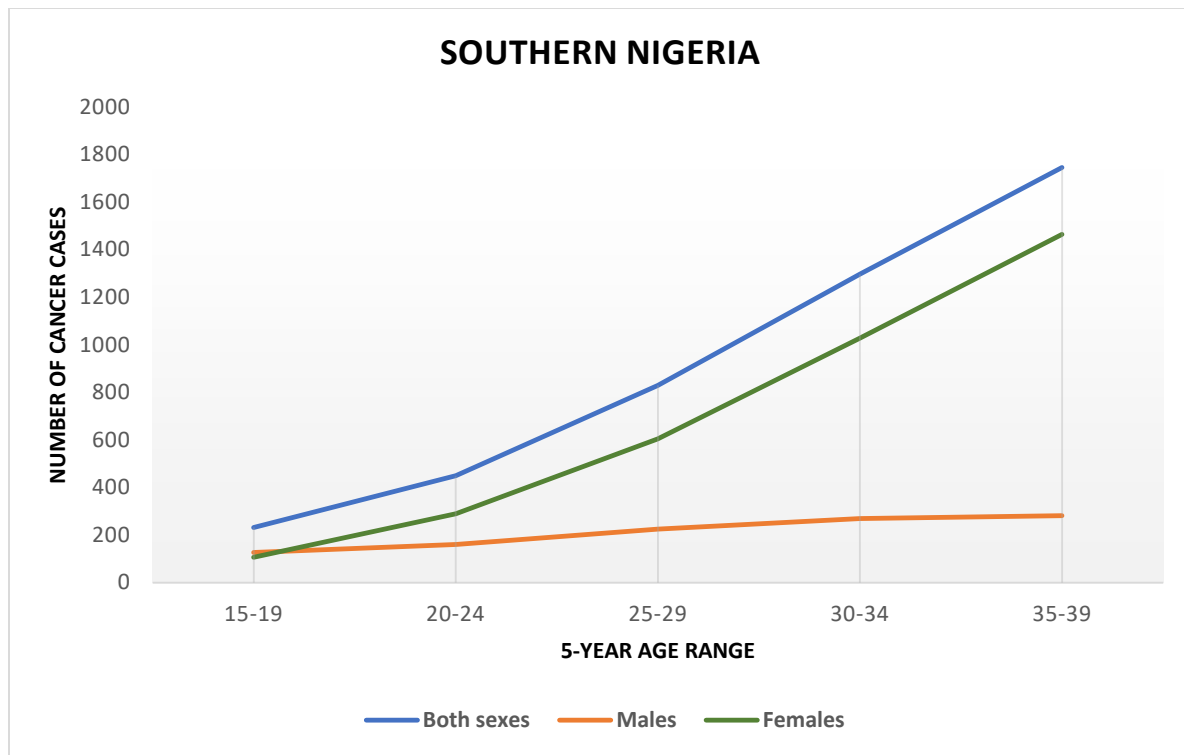


Figure 3C: Number of cancer cases in AYAs by Age range and sex in Southern Nigeria.

Table 4: Cancer sites in AYAs in Nigeria

	Sites	ICD 10	N (%)
1	Breast	C50	2675(37.4%)
2	Bone And Soft Tissue	C40-41, C47, C49	514(7.2%)
3	Cervix	C53	389(5.4%)
4	Lymphoma*	C81-85, C96	334(4.7%)
5	Ovary	C56	324(4.5%)
6	Colorectal	C18-20	319(4.5%)
7	Nmsc	C44	316(4.4%)
8	Liver	C22	312(4.4%)
9	Uterine ⁺	C54, C55	180(2.5%)
10	Kaposi Sarcoma	C46	159(2.2%)
11	Nasopharynx	C11	146(2.0%)
12	Leukaemia [^]	C91-94	138(1.9%)
13	Eye	C69	94(1.3%)
14	Sinonasal	C30-31	88(1.2%)
15	Anus	C21	70(1.0%)
16	Kidney	C64	65(0.9%)
17	Thyroid	C73	62(0.9%)
18	Salivary Gland	C07-08	58(0.8%)
19	Stomach	C16	53(0.7%)
20	Bladder	C67	45(0.6%)
21	Cns	C70-72	40(0.6%)
22	Other Female Genital Organs	C57	38(0.5%)
23	Mouth	C03-06	36(0.5%)
24	Vulva	C51	36(0.5%)
25	Testis	C62	33(0.5%)
26	Myeloproliferative Disorders	MPD	28(0.4%)
27	Pancreas	C25	26(0.4%)
28	Placenta	C58	26(0.4%)
29	Melanoma	C43	24(0.3%)
30	Vagina	C52	24(0.3%)
31	Lung, Bronchus, Trachea	C33-34	23(0.3%)
32	Prostate	C61	23(0.3%)
33	Oesophagus	C15	16(0.2%)
34	Leukaemia Unspecified	C01-02	14(0.2%)
35	Tongue	C95	14(0.2%)

36	Lip	C00	11(0.2%)
37	Larynx	C09	10(0.1%)
38	Other Thoracic Organs	C14	10(0.1%)
39	Pharynx Unspecified	C17	10(0.1%)
40	Small Intestine	C32	10(0.1%)
41	Tonsil	C37-38	10(0.1%)
42	Hypopharynx	C12-13	9(0.1%)
43	Multiple Myeloma	C75	9(0.1%)
44	Other Endocrine	C90	9(0.1%)
45	Gallbladder	C10	8(0.1%)
46	Other Oropharynx	C23-24	8(0.1%)
47	Adrenal	C74	6(0.1%)
48	Other Male Genital Organs	C63	3(0.0%)
49	Mesothelioma	C45	2(0.0%)
50	Other Urinary Organs	C60	2(0.0%)
51	Penis	C65	2(0.0%)
52	Renal Pelvis	C68	2(0.0%)
53	Immunoproliferative Disease	C88	1(0.0%)
54	Others Unspecified	O&U	279(3.9%)
	Total		7143(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma ⁺Corpus Uterus and Other Uterus [^] Myeloid and Lymphoid Leukaemia. NMSC: Non-melanoma skin cancer.

Table 5: Cancer sites in AYAs in Northern and Southern Nigeria

Northern Nigeria			Southern Nigeria		
	Sites	N (%)		Sites	N (%)
1	Breast	789(30.5%)	1	Breast	1886(41.4%)
2	Bone And Soft Tissue	176(6.8%)	2	Bone And Soft Tissue	338(7.4%)
3	Nmsc	169(6.5%)	3	Lymphoma*	240(5.3%)
4	Liver	167(6.4%)	4	Cervix	234(5.1%)
5	Cervix	155(6.0%)	5	Ovary	200(4.4%)
6	Colorectal	131(5.1%)	6	Colorectal	188(4.1%)
7	Ovary	124(4.8%)	7	Uterine ⁺	148(3.3%)
8	Kaposi Sarcoma	109(4.2%)	8	Nmsc	147(3.2%)
9	Lymphoma*	94(3.6%)	9	Liver	145(3.2%)
10	Leukaemia [^]	74(2.9%)	10	Nasopharynx	86(1.9%)
11	Nasopharynx	60(2.3%)	11	Leukaemia [^]	64(1.4%)
12	Anus	49(1.9%)	12	Sinonasal	55(1.2%)
13	Eye	40(1.5%)	13	Eye	54(1.2%)
14	Sinonasal	33(1.3%)	14	Kaposi Sarcoma	50(1.1%)
15	Uterine ⁺	32(1.2%)	15	Thyroid	47(1.0%)
16	Salivary Gland	29(1.1%)	16	Kidney	37(0.8%)
17	Bladder	28(1.1%)	17	Other Female Genital Organs	34(0.7%)
18	Kidney	28(1.1%)	18	Stomach	32(0.7%)
19	Stomach	21(0.8%)	19	Salivary Gland	29(0.6%)
20	Others	283(10.9%)	20	Others	538(11.8%)
	Total	2591(100.0%)		Total	4552(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma ⁺Corpus Uterus and Other Uterus [^] Myeloid and Lymphoid Leukaemia. NMSC: Non-melanoma skin cancer

Table 6A: Cancer sites in AYAs by sex in Nigeria

Female		Male	
Breast	2640(50.3%)	Bone And Soft Tissue	281(14.8%)
Cervix	389(7.4%)	Liver	208(11.0%)
Ovary	324(6.2%)	Colorectal	174(9.2%)
Bone And Soft Tissue	233(4.4%)	Lymphoma*	169(8.9%)
Uterine ⁺	180(3.4%)	Nmsc	168(8.9%)
Lymphoma*	165(3.1%)	Leukaemia [^]	88(4.6%)
Nmsc	148(2.8%)	Nasopharynx	86(4.5%)
Colorectal	145(2.8%)	Kaposi Sarcoma	67(3.5%)
Liver	104(2.0%)	Sinonasal	49(2.6%)
Others	921(17.5%)	Others	604(31.9%)
Total	5249(100.0%)	Total	1894(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma ⁺Corpus Uterus and Other Uterus [^] Myeloid and Lymphoid Leukaemia

Table 6b: Cancer Sites in AYAs by Sex in Northern Nigeria

Female		Male	
Breast	777(44.2%)	Liver	118(14.2%)
Cervix	155(8.8%)	Bone And Soft Tissue	104(12.5%)
Ovary	124(7.1%)	Non melanoma skin cancer	89(10.7%)
Non melanoma skin cancer	80(4.6%)	Colorectal	75(9.0%)
Bone And Soft Tissue	72(4.1%)	Lymphoma*	62(7.4%)
Kaposi Sarcoma	62(3.5%)	Leukaemia [^]	49(5.9%)
Colorectal	56(3.2%)	Kaposi Sarcoma	47(5.6%)
Liver	49(2.8%)	Nasopharynx	33(4.0%)
Lymphoma*	32(1.8%)	Anus	29(3.5%)
Others	351(20.0%)	Others	227(27.3%)
Total	1758(100.0%)	Total	833(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma [^] Myeloid and Lymphoid Leukaemia

Table 6C: Cancer sites in AYAs by sex in Southern Nigeria

Female		Male	
Breast	1863(53.4%)	Bone And Soft Tissue	177(16.7%)
Cervix	234(6.7%)	Lymphoma*	107(10.1%)
Ovary	200(5.7%)	Colorectal	99(9.3%)
Bone And Soft Tissue	161(4.6%)	Liver	90(8.5%)
Uterine ⁺	148(4.2%)	Nmsc	79(7.4%)
Lymphoma*	133(3.8%)	Nasopharynx	53(5.0%)
Colorectal	89(2.5%)	Leukaemia [^]	39(3.7%)
Nmsc	68(1.9%)	Sinonasal	30(2.8%)
Liver	55(1.6%)	Eye	28(2.6%)
Others	540(15.5%)	Others	359(33.8%)
Total	3491(100.0%)	Total	1061(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma +Corpus Uterus and Other Uterus ^ Myeloid and Lymphoid Leukaemia.

NMSC: Non-melanoma skin cancer

Table 7A: Cancer sites in AYAs by Age group in Nigeria

15-19 years		20-29 years		30-39 years	
Bone And Soft Tissue	89(22.4%)	Breast	548(26.7%)	Breast	2114(45.1%)
Lymphoma*	53(13.3%)	Bone And Soft Tissue	215(10.5%)	Cervix	323(6.9%)
Nmsc	33(8.3%)	Lymphoma*	133(6.5%)	Bone And Soft Tissue	210(4.5%)
Ovary	23(5.8%)	Ovary	126(6.1%)	Colorectal	200(4.3%)
Leukaemia^	22(5.5%)	Nmsc	118(5.7%)	Liver	197(4.2%)
Nasopharynx	22(5.5%)	Liver	105(5.1%)	Ovary	175(3.7%)
Colorectal	21(5.3%)	Colorectal	98(4.8%)	Nmsc	165(3.5%)
Breast	13(3.3%)	Cervix	66(3.2%)	Lymphoma*	148(3.2%)
Liver	10(2.5%)	Nasopharynx	53(2.6%)	Uterine+	140(3.0%)
Others	112(28.1%)	Others	592(28.8%)	Others	1019(21.7%)
Total	398(100.0%)	Total	2054(100.0%)	Total	4691(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma +Corpus Uterus and Other Uterus ^ Myeloid and Lymphoid Leukaemia

Table 7B: Cancer sites in AYAs by Age group in Northern Nigeria

15-19 years		20-29 years		30-39 years	
Bone And Soft Tissue	31(18.7%)	Breast	167(21.5%)	Breast	621(37.7%)
Lymphoma*	20(12.0%)	Bone And Soft Tissue	77(9.9%)	Cervix	120(7.3%)
Non melanoma skin cancer	17(10.2%)	Non melanoma skin cancer	61(7.9%)	Liver	106(6.4%)
Colorectal	13(7.8%)	Liver	56(7.2%)	Non melanoma skin cancer	91(5.5%)
Nasopharynx	12(7.2%)	Ovary	49(6.3%)	Colorectal	78(4.7%)
Ovary	12(7.2%)	Colorectal	40(5.2%)	Kaposi Sarcoma	72(4.4%)
Leukaemia^	9(5.4%)	Cervix	35(4.5%)	Bone And Soft Tissue	68(4.1%)
Kaposi Sarcoma	5(3.0%)	Kaposi Sarcoma	32(4.1%)	Ovary	63(3.8%)
Liver	5(3.0%)	Lymphoma*	30(3.9%)	Lymphoma*	44(2.7%)
Others	42(25.3%)	Others	229(29.5%)	Others	386(23.4%)
Total	166(100.0%)	Total	776(100.0%)	Total	1649(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma ^ Myeloid and Lymphoid Leukaemia

Table 7C: Cancer sites in AYAs by Age group in Southern Nigeria

15-19 years		20-29 years		30-39 years	
Bone And Soft Tissue	58(25.0%)	Breast	381(29.8%)	Breast	1493(49.1%)
Lymphoma*	33(14.2%)	Bone And Soft Tissue	138(10.8%)	Cervix	203(6.7%)
Non melanoma skin cancer	16(6.9%)	Lymphoma*	103(8.1%)	Bone And Soft Tissue	142(4.7%)
Leukaemia^	13(5.6%)	Ovary	77(6.0%)	Colorectal	122(4.0%)
Breast	12(5.2%)	Colorectal	58(4.5%)	Uterine	122(4.0%)
Ovary	11(4.7%)	Non melanoma skin cancer	57(4.5%)	Ovary	112(3.7%)
Nasopharynx	10(4.3%)	Liver	49(3.8%)	Lymphoma*	104(3.4%)
Colorectal	8(3.4%)	Nasopharynx	35(2.7%)	Liver	91(3.0%)
Eye	6(2.6%)	Cervix	31(2.4%)	Non melanoma skin cancer	74(2.4%)
Others	65(28.0%)	Others	349(27.3%)	Others	579(19.0%)
Total	232(100.0%)	Total	1278(100.0%)	Total	3042(100.0%)

*Hodgkin and Non-Hodgkin Lymphoma ^ Myeloid and Lymphoid Leukaemia. NMSC: Non-melanoma skin cancer

