

Age Distribution and Dependency Ratio for Chhattisgarh from Census Data 2011 (District/Sector/Gender wise) (Economic Statistics End Semester Project - 2)

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Winter 2023

Introduction:

The dependency ratio is a demographic measure of the ratio of the number of dependents to the total working-age population in a country or region. This indicator paints a picture of the make-up of a population compared to its workforce and can shed light on the tax implications of dependency.

The 2011 census of India or the 15th Indian census was conducted in two phases, house listing and population enumeration. The House listing phase began on 1 April 2010 and involved the collection of information about all buildings. Information for National Population Register (NPR) was also collected in the first phase, which will be used to issue a 12-digit unique identification number to all registered Indian residents by Unique Identification Authority of India. The second population enumeration phase was conducted between 9 and 28 February 2011. Census has been conducted in India since 1872 and 2011 marks the first time biometric information was collected. According to the provisional reports released on 31 March 2011, the Indian population increased to 1.21 billion with a decadal growth of 17.70%. Adult literacy rate increased to 74.04% with a decadal growth of 9.21%. The motto of the census was Our Census, Our Future. The whole data for different states are kept to a premium institute located at that state with appropriate encryption. Some summary of the census is available at [Cencus Website](#)

(Source: [Wiki](#))

Goal:

For the state of Chattisgarh, we want to see the age distribution sectorwise and genderwise for different districts. Also, we want to calculate the dependency ration of all the labels.

Definitions:

The dependency ratio is an age-population ratio of those typically not in the labor force (the dependent part ages 0 to 14 and 65+) and those typically in the labor force (the productive part ages 15 to 64). It is used to measure the pressure on the productive population.

Consideration of the dependency ratio is essential for governments, economists, bankers, business, industry, universities and all other major economic segments which can benefit from understanding the impacts of changes in population structure. A low dependency ratio means that there are sufficient people working who can support the dependent population.

In published international statistics, the dependent part usually includes those under the age of 15 and over the age of 64. The productive part makes up the population in between, ages 15 – 64. It is normally expressed as a percentage:

$$(\text{Total}) \text{ Dependency ratio} = \frac{(\text{number of people aged 0 to 14}) + (\text{number of people aged 65 and over})}{\text{number of people aged 15 to 64}} \times 100$$

But we used 60 instead of 64 due to lack of data.

(Source: [Wiki](#))

R Codes:

```

1 library(readxl)
2 data = read_excel(
3   "/Users/srijan/Documents/Academic_Stuffs/B3_resources/ass_or_hw/Eco
4     Stat/Project 3/DDW-2200B-01-Census.xls"
5 )
6 data1 = data[-c(1:7), ]
7 colnames(data1) <- data[1, ]
8 data1 = data1[, -c(10:ncol(data1))]
9 colnames(data1)[8] = "Male"
10 colnames(data1)[9] = "Female"
11 colnames(data1)[5] = "Sector"
12
13 result = function(district, sector) {
14   subdat = subset(data1, District == district & Sector == sector)
15   subdat = subdat[-c(15, 16), c(6, 7, 8, 9)]
16   poptot = as.numeric(subdat$Population[1]) -
17     sum(as.numeric(subdat$Population[-1]))
18   mtot = as.numeric(subdat$Male[1]) - sum(as.numeric(subdat$Male[-1]))
19   ftot = as.numeric(subdat$Female[1]) - sum(as.numeric(subdat$Female[-1]))
20   child1 = c("0-4", poptot, mtot, ftot)
21   datfin = rbind(subdat[1, ], child1, subdat[-1, ])
22   rpop = (sum(as.numeric(datfin$Population[2:4])) +
23     sum(as.numeric(datfin$Population[12:14])))) /
24     (as.numeric(datfin$Population[1]) - as.numeric(datfin$Population[15]))
25
26   rm = (sum(as.numeric(datfin$Male[2:4])) + sum(as.numeric(datfin$Male[12:14])))) /
27     (as.numeric(datfin$Population[1]) - as.numeric(datfin$Population[15]))
28
29   rf = (sum(as.numeric(datfin$Female[2:4])) +
30     sum(as.numeric(datfin$Female[12:14])))) /
31     (as.numeric(datfin$Population[1]) - as.numeric(datfin$Population[15]))
32
33   datfin = datfin[-15,]
34   list = list(datfin, rpop, rm, rf)
35
36   return(list)
37 }
38
39 district = unique(data1$District)
40 sector = unique(data1$Sector)
41 district_name = unique(data1$Area)

```

```

38
39 for (i in 1:length(district)) {
40   res1 = result(district[i], sector[1])
41   res2 = result(district[i], sector[2])
42   res3 = result(district[i], sector[3])
43   print(paste("For", district_name[i], "Age distribution is"))
44   print(res1[[1]])
45   print(paste("For", district_name[i], "Rural Sector, Age distribution is"))
46   print(res2[[1]])
47   print(paste("For", district_name[i], "Urban Sector, Age distribution is"))
48   print(res3[[1]])
49   dep = cbind(c(res1[[2]], res1[[3]], res1[[4]]),
50               c(res2[[2]], res2[[3]], res2[[4]]),
51               c(res3[[2]], res3[[3]], res3[[4]]))
52
53   dep = as.data.frame(dep)
54   colnames(dep) = c("Total", "Rural", "Urban")
55   rownames(dep) = c("Total", "Male", "Female")
56   print("The Dependency ratio is given below:")
57   print(dep)
58 }

```

Results:

Whole State:

Total

Age-Group	Population	Male	Female
Total	25545198	12832895	12712303
0-4	2541065	1286970	1254095
5-9	2758758	1404079	1354679
10-14	2884013	1461185	1422828
15-19	2599842	1319451	1280391
20-24	2389497	1193378	1196119
25-29	2057300	1049238	1008062
30-34	1815058	898023	917035
35-39	1779414	891265	888149
40-49	2910927	1489376	1421551
50-59	1782300	899664	882636
60-69	1277552	593292	684260
70-79	539578	249794	289784
80+	186779	85073	101706

Rural

Age-Group	Population	Male	Female
Total	19607961	9797426	9810535
0-4	2027687	1022795	1004892
5-9	2206437	1117796	1088641
10-14	2289627	1155074	1134553
15-19	1998051	1009334	988717
20-24	1773929	885162	888767
25-29	1508182	770527	737655
30-34	1340001	656456	683545
35-39	1329416	663342	666074
40-49	2177475	1106658	1070817
50-59	1344622	667591	677031
60-69	1017723	468696	549027
70-79	431583	197992	233591
80+	149241	68761	80480

Urban

Age-Group	Population	Male	Female
Total	5937237	3035469	2901768
0-4	513378	264175	249203
5-9	552321	286283	266038
10-14	594386	306111	288275
15-19	601791	310117	291674
20-24	615568	308216	307352
25-29	549118	278711	270407
30-34	475057	241567	233490
35-39	449998	227923	222075
40-49	733452	382718	350734
50-59	437678	232073	205605
60-69	259829	124596	135233
70-79	107995	51802	56193
80+	37538	16312	21226

Dependency Ratio

	Total	Rural	Urban
Total	0.3991737	0.4145304	0.3484158
Male	0.1990587	0.2057323	0.1770006
Female	0.2001150	0.2087981	0.1714152

District - Koriya:

Total

Age-Group	Population	Male	Female
Total	658917	334737	324180
0-4	65943	33502	32441
5-9	71384	36276	35108
10-14	73306	37245	36061
15-19	67899	34794	33105
20-24	65971	33317	32654
25-29	55078	28340	26738
30-34	45982	23018	22964
35-39	43961	22365	21596
40-49	75079	37596	37483
50-59	49329	26878	22451
60-69	28262	13524	14738
70-79	11869	5461	6408
80+	4613	2289	2324

Rural

Age-Group	Population	Male	Female
Total	453618	228338	225280
0-4	50439	25394	25045
5-9	52808	26559	26249
10-14	51956	26127	25829
15-19	44273	22464	21809
20-24	43170	21444	21726
25-29	37183	18959	18224
30-34	31919	15872	16047
35-39	30146	15552	14594
40-49	47960	24392	23568
50-59	30116	15569	14547
60-69	21139	10097	11042
70-79	8904	4108	4796
80+	3438	1710	1728

Urban

Age-Group	Population	Male	Female
Total	205299	106399	98900
0-4	15504	8108	7396
5-9	18576	9717	8859
10-14	21350	11118	10232
15-19	23626	12330	11296
20-24	22801	11873	10928
25-29	17895	9381	8514
30-34	14063	7146	6917
35-39	13815	6813	7002
40-49	27119	13204	13915
50-59	19213	11309	7904
60-69	7123	3427	3696
70-79	2965	1353	1612
80+	1175	579	596

Dependency Ratio

	Total	Rural	Urban
Total	0.3877126	0.4161067	0.3249750
Male	0.1947801	0.2072881	0.1671434
Female	0.1929325	0.2088186	0.1578316

District Surguja:

Total

Age-Group	Population	Male	Female
Total	2359886	1193129	1166757
0-4	257859	130680	127179
5-9	290067	148354	141713
10-14	281136	143057	138079
15-19	223980	114878	109102
20-24	207910	101989	105921
25-29	180484	91498	88986
30-34	157419	77648	79771
35-39	153418	77321	76097
40-49	251078	128621	122457
50-59	160151	81962	78189
60-69	123137	60292	62845
70-79	50293	25203	25090
80+	21496	10864	10632

Rural

Age-Group	Population	Male	Female
Total	2116965	1067908	1049057
0-4	237375	119994	117381
5-9	265587	135431	130156
10-14	254423	129275	125148
15-19	198047	101635	96412
20-24	183067	89823	93244
25-29	158861	80595	78266
30-34	138610	68188	70422
35-39	135241	68073	67168
40-49	221501	112839	108662
50-59	143230	72545	70685
60-69	113494	55577	57917
70-79	46277	23134	23143
80+	19892	10091	9801

Urban

Age-Group	Population	Male	Female
Total	242921	125221	117700
0-4	20484	10686	9798
5-9	24480	12923	11557
10-14	26713	13782	12931
15-19	25933	13243	12690
20-24	24843	12166	12677
25-29	21623	10903	10720
30-34	18809	9460	9349
35-39	18177	9248	8929
40-49	29577	15782	13795
50-59	16921	9417	7504
60-69	9643	4715	4928
70-79	4016	2069	1947
80+	1604	773	831

Dependency Ratio

	Total	Rural	Urban
Total	0.4341824	0.4429220	0.3580386
Male	0.2198286	0.223814	0.1851060
Female	0.2143538	0.219108	0.1729325

District Jashpur:

Total

Age-Group	Population	Male	Female
Total	851669	424747	426922
0-4	85219	42807	42412
5-9	89131	45038	44093
10-14	92491	46360	46131
15-19	81408	41550	39858
20-24	75792	37015	38777
25-29	64924	32801	32123
30-34	55545	27205	28340
35-39	57054	28536	28518
40-49	101856	51198	50658
50-59	68568	34330	34238
60-69	50049	23717	26332
70-79	21708	10372	11336
80+	7775	3730	4045

Rural

Age-Group	Population	Male	Female
Total	775677	386307	389370
0-4	78485	39405	39080
5-9	81684	41132	40552
10-14	83703	41771	41932
15-19	72573	37077	35496
20-24	67803	33299	34504
25-29	58227	29521	28706
30-34	49863	24347	25516
35-39	51671	25814	25857
40-49	93157	46636	46521
50-59	63448	31590	31858
60-69	47078	22311	24767
70-79	20498	9789	10709
80+	7340	3529	3811

Urban

Age-Group	Population	Male	Female
Total	75992	38440	37552
0-4	6734	3402	3332
5-9	7447	3906	3541
10-14	8788	4589	4199
15-19	8835	4473	4362
20-24	7989	3716	4273
25-29	6697	3280	3417
30-34	5682	2858	2824
35-39	5383	2722	2661
40-49	8699	4562	4137
50-59	5120	2740	2380
60-69	2971	1406	1565
70-79	1210	583	627
80+	435	201	234

Dependency Ratio

	Total	Rural	Urban
Total	0.4067702	0.4110582	0.3630083
Male	0.2020199	0.2036504	0.1853797
Female	0.2047503	0.2074078	0.1776286

District Rajgarh

Total

Age-Group	Population	Male	Female
Total	1493984	750278	743706
0-4	136458	69780	66678
5-9	145775	74610	71165
10-14	157382	79909	77473
15-19	145101	73910	71191
20-24	137385	68385	69000
25-29	119857	61014	58843
30-34	109396	53642	55754
35-39	109687	55167	54520
40-49	179174	91815	87359
50-59	113106	56951	56155
60-69	88211	41156	47055
70-79	38477	17540	20937
80+	13694	6246	7448

Rural

Age-Group	Population	Male	Female
Total	1247682	623817	623865
0-4	114862	58535	56327
5-9	123000	62638	60362
10-14	133742	67620	66122
15-19	121253	61536	59717
20-24	111893	55681	56212
25-29	95894	48956	46938
30-34	88404	42819	45585
35-39	90686	45405	45281
40-49	149663	76221	73442
50-59	95279	47496	47783
60-69	76805	35717	41088
70-79	33867	15487	18380
80+	12090	5574	6516

Urban

Age-Group	Population	Male	Female
Total	246302	126461	119841
0-4	21596	11245	10351
5-9	22775	11972	10803
10-14	23640	12289	11351
15-19	23848	12374	11474
20-24	25492	12704	12788
25-29	23963	12058	11905
30-34	20992	10823	10169
35-39	19001	9762	9239
40-49	29511	15594	13917
50-59	17827	9455	8372
60-69	11406	5439	5967
70-79	4610	2053	2557
80+	1604	672	932

Dependency Ratio

Dependency Ratio	Total	Rural	Urban
Total	0.3882947	0.3963051	0.3477189
Male	0.1936402	0.1968603	0.1773293
Female	0.1946545	0.199448	0.1703896

District Korba

Total

Age-Group	Population	Male	Female
Total	1206640	612915	593725
0-4	119567	60538	59029
5-9	126139	64401	61738
10-14	134493	68022	66471
15-19	124859	64306	60553
20-24	121363	61440	59923
25-29	103287	53626	49661
30-34	86470	44015	42455
35-39	82981	41882	41099
40-49	140028	71939	68089
50-59	85772	45220	40552
60-69	51810	24103	27707
70-79	21133	9392	11741
80+	8244	3763	4481

Rural

Age-Group	Population	Male	Female
Total	760350	381424	378926
0-4	80349	40481	39868
5-9	84356	42566	41790
10-14	88821	44480	44341
15-19	78011	40135	37876
20-24	71666	36215	35451
25-29	60067	31045	29022
30-34	52054	25854	26200
35-39	51059	25716	25343
40-49	83796	42967	40829
50-59	51136	25508	25628
60-69	37214	16778	20436
70-79	15637	6854	8783
80+	5807	2619	3188

Urban

Age-Group	Population	Male	Female
Total	446290	231491	214799
0-4	39218	20057	19161
5-9	41783	21835	19948
10-14	45672	23542	22130
15-19	46848	24171	22677
20-24	49697	25225	24472
25-29	43220	22581	20639
30-34	34416	18161	16255
35-39	31922	16166	15756
40-49	56232	28972	27260
50-59	34636	19712	14924
60-69	14596	7325	7271
70-79	5496	2538	2958
80+	2437	1144	1293

Dependency Ratio

Dependency Ratio	Total	Rural	Urban
Total	0.3825291	0.4107830	0.3344039
Male	0.1908716	0.2023467	0.1713259
Female	0.1916576	0.2084364	0.1630780

District Janjgir

Total

Age-Group	Population	Male	Female
Total	1619707	815717	803990
0-4	154011	78713	75298
5-9	172880	88499	84381
10-14	189918	95929	93989
15-19	182341	92099	90242
20-24	150923	78498	72425
25-29	125041	64617	60424
30-34	109567	55091	54476
35-39	104795	52422	52373
40-49	168810	86338	82472
50-59	106855	52538	54317
60-69	96500	43910	52590
70-79	43140	20169	22971
80+	14403	6623	7780

Rural

Age-Group	Population	Male	Female
Total	1394646	701401	693245
0-4	133891	68351	65540
5-9	150920	77015	73905
10-14	166660	83950	82710
15-19	158466	79961	78505
20-24	128475	67211	61264
25-29	105239	54669	50570
30-34	92346	46375	45971
35-39	88641	44209	44432
40-49	142840	72852	69988
50-59	91123	44377	46746
60-69	84789	38526	46263
70-79	38085	17784	20301
80+	12750	5905	6845

Urban

Age-Group	Population	Male	Female
Total	225061	114316	110745
0-4	20120	10362	9758
5-9	21960	11484	10476
10-14	23258	11979	11279
15-19	23875	12138	11737
20-24	22448	11287	11161
25-29	19802	9948	9854
30-34	17221	8716	8505
35-39	16154	8213	7941
40-49	25970	13486	12484
50-59	15732	8161	7571
60-69	11711	5384	6327
70-79	5055	2385	2670
80+	1653	718	935

Dependency Ratio

	Total	Rural	Urban
Total	0.4143149	0.421096	0.3723212
Male	0.2061798	0.2090990	0.1880876
Female	0.2081351	0.2119916	0.1842336

District Bilaspur

Total

Age-Group	Population	Male	Female
Total	2663629	1351574	1312055
0-4	283986	144430	139556
5-9	305915	156144	149771
10-14	310771	158607	152164
15-19	271760	141737	130023
20-24	240967	122943	118024
25-29	212085	108405	103680
30-34	189933	94532	95401
35-39	180638	91532	89106
40-49	284461	146683	137778
50-59	173655	87977	85678
60-69	130608	61882	68726
70-79	56523	26321	30202
80+	19328	8873	10455

Rural

Age-Group	Population	Male	Female
Total	1983759	1002520	981239
0-4	224418	113329	111089
5-9	242080	123057	119023
10-14	243318	123478	119840
15-19	204954	106987	97967
20-24	173767	89255	84512
25-29	150272	77308	72964
30-34	134645	66409	68236
35-39	128976	64919	64057
40-49	201432	103303	98129
50-59	122832	61397	61435
60-69	97892	45747	52145
70-79	42407	19399	23008
80+	14493	6797	7696

Urban

Age-Group	Population	Male	Female
Total	679870	349054	330816
0-4	59568	31101	28467
5-9	63835	33087	30748
10-14	67453	35129	32324
15-19	66806	34750	32056
20-24	67200	33688	33512
25-29	61813	31097	30716
30-34	55288	28123	27165
35-39	51662	26613	25049
40-49	83029	43380	39649
50-59	50823	26580	24243
60-69	32716	16135	16581
70-79	14116	6922	7194
80+	4835	2076	2759

Dependency Ratio

	Total	Rural	Urban
Total	0.4161161	0.4363432	0.3571010
Male	0.2090697	0.2179208	0.1832454
Female	0.2070465	0.2184224	0.1738556

District - Kabeerdham

Total

Age-Group	Population	Male	Female
Total	822526	412058	410468
0-4	100772	50659	50113
5-9	102487	51584	50903
10-14	97035	49043	47992
15-19	78198	40204	37994
20-24	74609	37283	37326
25-29	62870	31952	30918
30-34	57616	27987	29629
35-39	54481	27186	27295
40-49	86420	44335	42085
50-59	49171	24773	24398
60-69	36123	16839	19284
70-79	16458	7459	8999
80+	6102	2647	3455

Rural

Age-Group	Population	Male	Female
Total	735131	367941	367190
0-4	91718	46007	45711
5-9	93129	46842	46287
10-14	87344	44216	43128
15-19	69357	35664	33693
20-24	66012	33064	32948
25-29	55454	28290	27164
30-34	50852	24569	26283
35-39	48296	24031	24265
40-49	76464	39111	37353
50-59	43426	21817	21609
60-69	32526	15112	17414
70-79	14854	6710	8144
80+	5533	2413	3120

Urban

Age-Group	Population	Male	Female
Total	87395	44117	43278
0-4	9054	4652	4402
5-9	9358	4742	4616
10-14	9691	4827	4864
15-19	8841	4540	4301
20-24	8597	4219	4378
25-29	7416	3662	3754
30-34	6764	3418	3346
35-39	6185	3155	3030
40-49	9956	5224	4732
50-59	5745	2956	2789
60-69	3597	1727	1870
70-79	1604	749	855
80+	569	234	335

Dependency Ratio

	Total	Rural	Urban
Total	0.4365301	0.4423394	0.3876649
Male	0.2167359	0.2194662	0.1937695
Female	0.2197942	0.2228732	0.1938954

District - Rajnandgaon

Total

Age-Group	Population	Male	Female
Total	1537133	762855	774278
0-4	146698	73866	72832
5-9	158648	79762	78886
10-14	173245	86518	86727
15-19	155473	76624	78849
20-24	144827	72579	72248
25-29	120024	61638	58386
30-34	110235	53618	56617
35-39	109586	54209	55377
40-49	184597	94098	90499
50-59	112820	55831	56989
60-69	77274	34968	42306
70-79	32535	14260	18275
80+	10439	4519	5920

Rural

Age-Group	Population	Male	Female
Total	1264621	626212	638409
0-4	124383	62410	61973
5-9	134597	67528	67069
10-14	147274	73374	73900
15-19	128515	62932	65583
20-24	117130	58769	58361
25-29	96231	49635	46596
30-34	88463	42745	45718
35-39	89004	43873	45131
40-49	149630	76162	73468
50-59	91201	44858	46343
60-69	62936	28419	34517
70-79	26286	11517	14769
80+	8329	3664	4665

Urban

Age-Group	Population	Male	Female
Total	272512	136643	135869
0-4	22315	11456	10859
5-9	24051	12234	11817
10-14	25971	13144	12827
15-19	26958	13692	13266
20-24	27697	13810	13887
25-29	23793	12003	11790
30-34	21772	10873	10899
35-39	20582	10336	10246
40-49	34967	17936	17031
50-59	21619	10973	10646
60-69	14338	6549	7789
70-79	6249	2743	3506
80+	2110	855	1255

Dependency Ratio

Ratio	Total	Rural	Urban
Total	0.3897674	0.3985865	0.3488485
Male	0.1912866	0.1953450	0.1724567
Female	0.1984807	0.2032415	0.1763918

District - Durg

Total

Age-Group	Population	Male	Female
Total	3343872	1682101	1661771
0-4	302450	153643	148807
5-9	322051	164254	157797
10-14	357471	181323	176148
15-19	344217	175521	168696
20-24	321621	162131	159490
25-29	272022	138669	133353
30-34	243075	118958	124117
35-39	245796	121355	124441
40-49	409370	211059	198311
50-59	249393	126624	122769
60-69	173580	79989	93591
70-79	76846	36786	40060
80+	23837	10698	13139

Rural

Age-Group	Population	Male	Female
Total	2059107	1026152	1032955
0-4	199020	100560	98460
5-9	211273	106956	104317
10-14	234797	117866	116931
15-19	214362	108248	106114
20-24	188902	95192	93710
25-29	157172	80480	76692
30-34	142895	68983	73912
35-39	145548	71884	73664
40-49	238754	121498	117256
50-59	148549	73260	75289
60-69	110424	50310	60114
70-79	49902	22914	26988
80+	16043	7243	8800

Urban

Age-Group	Population	Male	Female
Total	1284765	655949	628816
0-4	103430	53083	50347
5-9	110778	57298	53480
10-14	122674	63457	59217
15-19	129855	67273	62582
20-24	132719	66939	65780
25-29	114850	58189	56661
30-34	100180	49975	50205
35-39	100248	49471	50777
40-49	170616	89561	81055
50-59	100844	53364	47480
60-69	63156	29679	33477
70-79	26944	13872	13072
80+	7794	3455	4339

Dependency Ratio

Ratio	Total	Rural	Urban
Total	0.3759237	0.3992237	0.3385874
Male	0.1875356	0.1972399	0.1719851
Female	0.1883881	0.2019837	0.1666023

District - Raipur

Total

Age-Group	Population	Male	Female
Total	4063872	2048186	2015686
0-4	410866	208299	202567
5-9	422502	215135	207367
10-14	461956	234989	226967
15-19	429067	218134	210933
20-24	387787	194390	193397
25-29	342121	173600	168521
30-34	300993	150199	150794
35-39	287984	145597	142387
40-49	449178	232466	216712
50-59	262815	132375	130440
60-69	189959	88137	101822
70-79	79769	36676	43093
80+	27641	12247	15394

Rural

Age-Group	Population	Male	Female
Total	2580583	1288567	1292016
0-4	272553	137368	135185
5-9	280216	141444	138772
10-14	313413	158457	154956
15-19	282417	142184	140233
20-24	234038	117928	116110
25-29	198963	101540	97423
30-34	176304	86395	89909
35-39	173237	86427	86810
40-49	275837	140795	135042
50-59	164763	81260	83503
60-69	130549	59027	71522
70-79	55479	25174	30305
80+	18384	8275	10109

Urban

Age-Group	Population	Male	Female
Total	1483289	759619	723670
0-4	138313	70931	67382
5-9	142286	73691	68595
10-14	148543	76532	72011
15-19	146650	75950	70700
20-24	153749	76462	77287
25-29	143158	72060	71098
30-34	124689	63804	60885
35-39	114747	59170	55577
40-49	173341	91671	81670
50-59	98052	51115	46937
60-69	59410	29110	30300
70-79	24290	11502	12788
80+	9257	3972	5285

Dependency Ratio

Ratio	Total	Rural	Urban
Total	0.3930015	0.4155786	0.3536094
Male	0.1962877	0.2056341	0.1799802
Female	0.1967138	0.2099444	0.1736293

District - Mahasamund

Total

Age-Group	Population	Male	Female
Total	1,032,754	511,967	520,787
0-4	94,250	47,758	46,492
5-9	98,532	50,042	48,490
10-14	113,780	57,143	56,637
15-19	108,701	54,607	54,094
20-24	90,455	45,250	45,205
25-29	76,826	38,471	38,355
30-34	72,223	34,516	37,707
35-39	74,757	36,805	37,952
40-49	125,029	63,292	61,737
50-59	79,780	39,406	40,374
60-69	62,335	28,338	33,997
70-79	27,035	12,294	14,741
80+	8,676	3,842	4,834

Rural

Age-Group	Population	Male	Female
Total	912,602	451,691	460,911
0-4	83,556	42,308	41,248
5-9	87,433	44,336	43,097
10-14	101,402	50,904	50,498
15-19	96,040	48,198	47,842
20-24	78,441	39,271	39,170
25-29	66,438	33,240	33,198
30-34	62,851	29,861	32,990
35-39	65,990	32,488	33,502
40-49	110,282	55,822	54,460
50-59	70,680	34,698	35,982
60-69	56,598	25,612	30,986
70-79	24,760	11,281	13,479
80+	7,842	3,514	4,328

Urban

Age-Group	Population	Male	Female
Total	120,152	60,276	59,876
0-4	10,694	5,450	5,244
5-9	11,099	5,706	5,393
10-14	12,378	6,239	6,139
15-19	12,661	6,409	6,252
20-24	12,014	5,979	6,035
25-29	10,388	5,231	5,157
30-34	9,372	4,655	4,717
35-39	8,767	4,317	4,450
40-49	14,747	7,470	7,277
50-59	9,100	4,708	4,392
60-69	5,737	2,726	3,011
70-79	2,275	1,013	1,262
80+	834	328	506

Dependency Ratio

	Total	Rural	Urban
Total	0.3919181	0.3963453	0.3582779
Male	0.1931626	0.1950592	0.1787517
Female	0.1987555	0.2012862	0.1795263

District - Dhamtari

Total

Age-Group	Population	Male	Female
Total	799,781	397,897	401,884
0-4	71,667	36,307	35,360
5-9	76,061	38,095	37,966
10-14	86,560	43,222	43,338
15-19	84,876	42,563	42,313
20-24	77,438	38,650	38,788
25-29	64,523	32,920	31,603
30-34	58,296	28,588	29,708
35-39	58,757	29,434	29,323
40-49	95,968	48,735	47,233
50-59	59,071	29,385	29,686
60-69	41,988	19,123	22,865
70-79	18,464	8,218	10,246
80+	5,906	2,550	3,356

Rural

Age-Group	Population	Male	Female
Total	650,586	323,420	327,166
0-4	59,369	30,126	29,243
5-9	62,975	31,472	31,503
10-14	71,413	35,574	35,839
15-19	69,451	34,705	34,746
20-24	62,140	31,025	31,115
25-29	51,590	26,327	25,263
30-34	46,760	22,921	23,839
35-39	47,280	23,732	23,548
40-49	77,256	39,267	37,989
50-59	47,601	23,564	24,037
60-69	34,643	15,726	18,917
70-79	15,223	6,816	8,407
80+	4,738	2,087	2,651

Urban

Age-Group	Population	Male	Female
Total	149,195	74,477	74,718
0-4	12,298	6,181	6,117
5-9	13,086	6,623	6,463
10-14	15,147	7,648	7,499
15-19	15,425	7,858	7,567
20-24	15,298	7,625	7,673
25-29	12,933	6,593	6,340
30-34	11,536	5,667	5,869
35-39	11,477	5,702	5,775
40-49	18,712	9,468	9,244
50-59	11,470	5,821	5,649
60-69	7,345	3,397	3,948
70-79	3,241	1,402	1,839
80+	1,168	463	705

Dependency Ratio

	Total	Rural	Urban
Total	0.3760073	0.3818360	0.3505860
Male	0.1844918	0.1872597	0.1724198
Female	0.1915155	0.1945763	0.1781662

District Uttar Bastar Kanker

Total

Age-Group	Population	Male	Female
Total	748,941	373,338	375,603
0-4	69,218	35,046	34,172
5-9	77,920	39,335	38,585
10-14	80,630	40,730	39,900
15-19	76,068	38,358	37,710
20-24	72,327	35,443	36,884
25-29	61,435	31,237	30,198
30-34	52,959	26,543	26,416
35-39	52,546	26,482	26,064
40-49	92,098	46,414	45,684
50-59	56,971	28,442	28,529
60-69	35,734	16,265	19,469
70-79	15,257	6,622	8,635
80+	5,488	2,287	3,201

Rural

Age-Group	Population	Male	Female
Total	672,180	335,149	337,031
0-4	63,316	32,033	31,283
5-9	71,053	35,925	35,128
10-14	73,018	37,060	35,958
15-19	68,264	34,547	33,717
20-24	64,209	31,540	32,669
25-29	54,397	27,712	26,685
30-34	46,691	23,383	23,308
35-39	46,449	23,424	23,025
40-49	81,930	41,158	40,772
50-59	50,917	25,288	25,629
60-69	32,634	14,767	17,867
70-79	13,997	6,085	7,912
80+	5,045	2,111	2,934

Urban

Age-Group	Population	Male	Female
Total	76,761	38,189	38,572
0-4	5,902	3,013	2,889
5-9	6,867	3,410	3,457
10-14	7,612	3,670	3,942
15-19	7,804	3,811	3,993
20-24	8,118	3,903	4,215
25-29	7,038	3,525	3,513
30-34	6,268	3,160	3,108
35-39	6,097	3,058	3,039
40-49	10,168	5,256	4,912
50-59	6,054	3,154	2,900
60-69	3,100	1,498	1,602
70-79	1,260	537	723
80+	443	176	267

Dependency Ratio

	Total	Rural	Urban
Total	0.3796789	0.3855563	0.3282115
Male	0.1873837	0.1904706	0.1603524
Female	0.1922952	0.1950857	0.1678591

District - Bastar

Total

Age-Group	Population	Male	Female
Total	1,413,199	698,487	714,712
0-4	148,265	74,220	74,045
5-9	166,765	83,779	82,986
10-14	161,362	80,848	80,514
15-19	137,808	68,048	69,760
20-24	133,562	63,617	69,945
25-29	116,510	59,051	57,459
30-34	99,622	49,330	50,292
35-39	96,869	48,130	48,739
40-49	161,666	80,827	80,839
50-59	98,577	48,946	49,631
60-69	62,404	28,471	33,933
70-79	21,946	9,745	12,201
80+	6,642	2,847	3,795

Rural

Age-Group	Population	Male	Female
Total	1,219,705	600,652	619,053
0-4	132,690	66,152	66,538
5-9	149,750	75,058	74,692
10-14	142,284	71,197	71,087
15-19	118,400	58,252	60,148
20-24	112,754	53,096	59,658
25-29	97,706	49,258	48,448
30-34	83,998	41,331	42,667
35-39	82,165	40,852	41,313
40-49	136,919	68,260	68,659
50-59	83,650	41,378	42,272
60-69	54,018	24,545	29,473
70-79	18,698	8,304	10,394
80+	5,588	2,410	3,178

Urban

Age-Group	Population	Male	Female
Total	193,494	97,835	95,659
0-4	15,575	8,068	7,507
5-9	17,015	8,721	8,294
10-14	19,078	9,651	9,427
15-19	19,408	9,796	9,612
20-24	20,808	10,521	10,287
25-29	18,804	9,793	9,011
30-34	15,624	7,999	7,625
35-39	14,704	7,278	7,426
40-49	24,747	12,567	12,180
50-59	14,927	7,568	7,359
60-69	8,386	3,926	4,460
70-79	3,248	1,441	1,807
80+	1,054	437	617

Dependency Ratio

	Total	Rural	Urban
Total	0.4018306	0.4127850	0.3327990
Male	0.1982368	0.2032348	0.1667408
Female	0.2035938	0.2095501	0.1660582

District - Narayanpur

Total

Age-Group	Population	Male	Female
Total	139,820	70,104	69,716
0-4	15,325	7,718	7,607
5-9	20,428	10,418	10,010
10-14	18,274	9,251	9,023
15-19	13,518	6,665	6,853
20-24	12,454	5,890	6,564
25-29	11,339	5,953	5,386
30-34	9,542	4,889	4,653
35-39	9,379	4,697	4,682
40-49	15,035	7,781	7,254
50-59	7,895	3,989	3,906
60-69	4,551	1,982	2,569
70-79	1,430	581	849
80+	491	206	285

Rural

Age-Group	Population	Male	Female
Total	117,714	58,653	59,061
0-4	13,606	6,837	6,769
5-9	18,192	9,219	8,973
10-14	15,663	7,835	7,828
15-19	11,042	5,431	5,611
20-24	9,934	4,620	5,314
25-29	9,143	4,782	4,361
30-34	7,843	3,989	3,854
35-39	7,808	3,875	3,933
40-49	12,573	6,501	6,072
50-59	6,435	3,227	3,208
60-69	3,837	1,661	2,176
70-79	1,163	462	701
80+	359	158	201

Urban

Age-Group	Population	Male	Female
Total	22,106	11,451	10,655
0-4	1,719	881	838
5-9	2,236	1,199	1,037
10-14	2,611	1,416	1,195
15-19	2,476	1,234	1,242
20-24	2,520	1,270	1,250
25-29	2,196	1,171	1,025
30-34	1,699	900	799
35-39	1,571	822	749
40-49	2,462	1,280	1,182
50-59	1,460	762	698
60-69	714	321	393
70-79	267	119	148
80+	132	48	84

Dependency Ratio

	Total	Rural	Urban
Total	0.4331846	0.4491573	0.3480488
Male	0.2159228	0.2225548	0.1805738
Female	0.2172618	0.2266025	0.1674750

District - Dakshin Bastar Dantewada

Total

Age-Group	Population	Male	Female
Total	533,638	264,142	269,496
0-4	51,792	25,673	26,119
5-9	71,719	37,074	34,645
10-14	62,909	32,507	30,402
15-19	51,228	24,231	26,997
20-24	50,796	23,610	27,186
25-29	46,543	23,701	22,842
30-34	38,611	19,412	19,199
35-39	38,817	19,283	19,534
40-49	62,760	31,656	31,104
50-59	33,881	16,701	17,180
60-69	17,913	7,532	10,381
70-79	4,938	1,981	2,957
80+	1,438	594	844

Rural

Age-Group	Population	Male	Female
Total	437,405	213,930	223,475
0-4	43,597	21,503	22,094
5-9	60,868	31,402	29,466
10-14	52,702	27,195	25,507
15-19	42,240	19,558	22,682
20-24	40,568	18,428	22,140
25-29	36,396	18,335	18,061
30-34	30,343	14,928	15,415
35-39	31,396	15,308	16,088
40-49	52,080	25,995	26,085
50-59	27,153	13,149	14,004
60-69	14,746	5,988	8,758
70-79	3,980	1,538	2,442
80+	1,082	443	639

Urban

Age-Group	Population	Male	Female
Total	96,233	50,212	46,021
0-4	8,195	4,170	4,025
5-9	10,851	5,672	5,179
10-14	10,207	5,312	4,895
15-19	8,988	4,673	4,315
20-24	10,228	5,182	5,046
25-29	10,147	5,366	4,781
30-34	8,268	4,484	3,784
35-39	7,421	3,975	3,446
40-49	10,680	5,661	5,019
50-59	6,728	3,552	3,176
60-69	3,167	1,544	1,623
70-79	958	443	515
80+	356	151	205

Dependency Ratio

	Total	Rural	Urban
Total	0.3950707	0.4048372	0.3506872
Male	0.1975476	0.2014613	0.1797617
Female	0.1975232	0.2033760	0.1709254

District - Bijapur

Total

Age-Group	Population	Male	Female
Total	255,230	128,663	126,567
0-4	26,719	13,331	13,388
5-9	40,354	21,279	19,075
10-14	31,294	16,482	14,812
15-19	23,340	11,222	12,118
20-24	23,310	10,948	12,362
25-29	22,331	11,745	10,586
30-34	17,574	8,832	8,742
35-39	17,908	8,862	9,046
40-49	28,320	14,523	13,797
50-59	14,490	7,336	7,154
60-69	7,114	3,064	4,050
70-79	1,757	714	1,043
80+	566	248	318

Rural

Age-Group	Population	Male	Female
Total	225,630	113,344	112,286
0-4	24,060	12,002	12,058
5-9	36,516	19,216	17,300
10-14	27,694	14,695	12,999
15-19	20,386	9,820	10,566
20-24	19,960	9,301	10,659
25-29	18,949	9,875	9,074
30-34	15,160	7,487	7,673
35-39	15,823	7,760	8,063
40-49	25,401	12,879	12,522
50-59	13,083	6,610	6,473
60-69	6,401	2,776	3,625
70-79	1,566	636	930
80+	488	218	270

Urban

Age-Group	Population	Male	Female
Total	29,600	15,319	14,281
0-4	2,659	1,329	1,330
5-9	3,838	2,063	1,775
10-14	3,600	1,787	1,813
15-19	2,954	1,402	1,552
20-24	3,350	1,647	1,703
25-29	3,382	1,870	1,512
30-34	2,414	1,345	1,069
35-39	2,085	1,102	983
40-49	2,919	1,644	1,275
50-59	1,407	726	681
60-69	713	288	425
70-79	191	78	113
80+	78	30	48

Dependency Ratio

	Total	Rural	Urban
Total	0.4226332	0.4289604	0.3744170
Male	0.2160838	0.2197155	0.1884082
Female	0.2065494	0.2092449	0.1860088

Discussion:

In most of the cases, we can see that the dependency ratio is always larger in case of Rural than Urban sector. In villages, young adults from rural areas might migrate to urban centers in search of better job prospects. This migration could leave behind a larger proportion of children and elderly individuals in rural areas, increasing the dependency ratio. Rural areas often have a higher proportion of children and adolescents due

to factors such as traditional family structures, limited access to family planning, and cultural preferences for larger families. This youthful population increases the dependency ratio since individuals under 15 years are not part of the working-age group. Where due to structured family planning and developed infrastructure, urban has less dependency ratio.