

TABLE 20 PROJECTED URBAN WATER DEMAND (1/15)

LGA	1991						2000						2020						
	Popu. *1000		Demand		Service Popu. *1000		Popu. *1000		Demand		Service Popu. *1000		Popu. *1000		Demand		Service Popu. *1000		
	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	
River																			
801	125	8.7	70	62	4.4	70	166	13.3	80	100	8.0	80	275	41.2	150	220	33.0	150	
2	100	8.0	80	50	4.0	80	134	12.6	94	80	7.6	94	221	36.6	166	177	29.3	166	
3	43	3.0	70	22	1.5	70	58	4.6	80	35	2.8	80	96	14.4	150	77	11.5	150	
4	230	16.9	73	115	8.4	73	307	26.1	85	184	15.6	85	507	78.6	155	406	62.9	155	
5	0	0.0	70	0	0.0	70	0	0.0	80	0	0.0	80	0	0.0	150	0	0.0	150	
6	17	1.2	70	8	0.6	70	22	1.8	80	13	1.1	80	37	5.6	150	30	4.4	150	
7	148	10.3	70	74	5.2	70	197	15.8	80	118	9.5	80	326	48.9	150	261	39.1	150	
8	83	5.8	70	42	2.9	70	111	8.9	80	67	5.3	80	184	27.6	150	147	22.1	150	
9	58	4.0	70	29	2.0	70	77	6.1	80	46	3.7	80	127	19.0	150	101	15.2	150	
10	178	12.4	70	89	6.2	70	237	19.0	80	142	11.4	80	392	58.8	150	314	47.1	150	
11	0	0.0	70	0	0.0	70	0	0.0	80	0	0.0	80	0	0.0	150	0	0.0	150	
12	167	12.2	73	84	6.1	73	223	18.8	84	134	11.3	84	369	57.0	154	295	45.6	154	
13	174	12.6	73	87	6.3	73	232	19.5	84	139	11.7	84	383	59.1	154	306	47.3	154	
14	407	67.6	166	204	33.8	166	543	110.3	203	326	66.2	203	898	286.5	319	718	229.2	319	
15	57	4.0	70	29	2.0	70	76	6.1	80	46	3.7	80	126	18.9	150	101	15.1	150	
16	81	5.7	70	41	2.8	70	108	8.6	80	65	5.2	80	179	26.8	150	143	21.4	150	
17	88	6.1	70	44	3.1	70	117	9.3	80	70	5.6	80	193	29.0	150	154	23.2	150	
18	66	4.6	70	33	2.3	70	87	7.0	80	52	4.2	80	145	21.7	150	116	17.3	150	
19	49	3.5	70	25	1.7	70	66	5.3	80	40	3.2	80	109	16.3	150	87	13.1	150	
20	18	1.3	70	9	0.6	70	24	1.9	80	14	1.2	80	40	6.0	150	32	4.8	150	
21	25	1.7	70	12	0.9	70	33	2.6	80	20	1.6	80	55	8.2	150	44	6.6	150	
22	107	7.5	70	54	3.7	70	143	11.4	80	86	6.9	80	236	35.4	150	189	28.4	150	
23	142	12.8	90	71	6.4	90	190	20.6	109	114	12.4	109	314	56.9	181	251	45.5	181	
24	99	8.0	80	50	4.0	80	133	12.5	94	80	7.5	94	219	36.3	166	175	29.1	166	
	2461	217.9	89	1230	108.9	89	3284	342.2	104	1970	205.3	104	5429	988.7	182	4343	790.9	182	
Akwa Ibo																			
901	62	4.6	73	31	2.3	73	83	7.1	85	50	4.2	85	138	21.3	155	110	17.1	155	
2	39	2.9	74	20	1.4	74	52	4.5	86	31	2.7	86	86	13.4	156	69	10.7	156	
3	32	2.3	74	16	1.2	74	42	3.6	86	25	2.2	86	70	10.8	156	56	8.7	156	
4	66	4.8	74	33	2.4	74	87	7.5	86	52	4.5	86	145	22.5	156	116	18.0	156	
5	42	3.1	74	21	1.6	74	56	4.8	86	34	2.9	86	93	14.5	156	74	11.6	156	
6	36	2.5	70	18	1.3	70	49	4.6	95	29	2.8	95	80	14.1	175	64	11.2	175	
7	28	2.0	70	14	1.0	70	37	3.0	80	22	1.8	80	62	9.3	150	49	7.4	150	
8	125	10.9	88	62	5.5	88	167	17.5	105	100	10.5	105	275	48.9	178	220	39.1	178	
9	92	6.8	74	46	3.4	74	122	10.5	86	73	6.3	86	202	31.5	156	162	25.2	156	
10	23	1.6	70	12	0.8	70	31	2.5	80	19	1.5	80	51	7.7	150	41	6.1	150	
11	40	2.8	70	20	1.4	70	53	4.3	80	32	2.6	80	88	13.2	150	71	10.6	150	
12	30	2.1	70	15	1.1	70	41	3.2	80	24	1.9	80	67	10.1	150	54	8.0	150	
13	26	1.8	70	13	0.9	70	34	2.7	80	20	1.5	80	56	8.5	150	45	6.8	150	
14	80	5.9	73	40	2.9	73	106	9.1	85	64	5.4	85	176	27.3	155	141	21.8	155	
15	64	6.4	100	32	3.2	100	85	10.5	123	51	6.3	122	141	27.9	198	113	22.3	198	
16	51	3.6	70	25	1.8	70	68	5.4	80	41	3.3	80	112	16.8	150	90	13.4	150	
17	34	2.4	70	17	1.2	70	45	3.6	80	27	2.2	80	74	11.1	150	59	8.9	150	
18	31	2.2	70	15	1.1	70	41	3.3	80	25	2.0	80	68	10.2	150	54	8.2	150	
19	32	2.2	70	16	1.1	70	43	3.4	80	26	2.0	80	71	10.6	150	56	8.5	150	
20	188	19.3	103	94	9.6	103	251	31.0	124	151	18.6	124	415	84.5	204	332	67.6	204	
21	60	4.4	74	30	2.2	74	80	6.9	86	48	4.1	86	132	20.7	156	106	16.5	156	
22	26	1.8	70	13	0.9	70	34	3.2	95	20	1.9	95	56	9.9	175	45	7.9	175	
23	29	2.0	70	14	1.0	70	38	3.1	80	23	1.8	80	64	9.5	150	51	7.6	150	
24	12	0.8	70	6	0.4	70	16	1.3	80	10	0.8	80	26	4.0	150	21	3.2	150	
	1246	99.2	80	623	49.6	80	1662	156.6	94	997	94.0	94	2748	458.2	167	2199	366.6	167	

TABLE 20 PROJECTED URBAN WATER DEMAND (2/15)

LGA	1991						2000						2020																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Cross River																				1001	11	0.8	70	6	15	1.2	80	9	0.7	80	25	3.8	150	20	3.0	150	20	3.0	150	2	289	37.9	131	144	386	61.7	160	231	37.0	160	637	161.5	253	510	129.2	253	510	129.2	253	3	18	1.2	70	9	23	1.9	80	14	1.1	80	39	5.8	150	31	4.7	150	31	4.7	150	4	55	3.9	70	28	74	5.9	80	44	3.5	80	122	18.3	150	97	14.6	150	97	14.6	150	5	54	3.8	70	27	72	5.8	80	43	3.5	80	119	17.9	150	95	14.3	150	95	14.3	150	6	44	3.1	70	22	59	4.7	80	36	2.8	80	98	14.7	150	78	11.8	150	78	11.8	150	7	101	7.1	70	51	135	10.8	80	81	6.5	80	224	38.6	150	179	26.8	150	179	26.8	150	8	99	9.6	97	49	132	15.6	119	79	9.4	119	218	42.0	193	174	33.6	193	174	33.6	193	9	37	2.6	70	19	50	4.0	80	30	2.4	80	82	12.3	150	66	9.8	150	66	9.8	150	10	14	1.0	70	7	18	1.5	80	11	0.9	80	30	4.6	150	24	3.7	150	24	3.7	150	11	62	4.3	70	31	83	6.6	80	50	4.0	80	137	20.5	150	109	16.4	150	109	16.4	150	12	5	0.3	70	3	7	0.5	80	4	0.3	80	11	1.7	150	9	1.3	150	9	1.3	150	13	38	2.7	70	19	51	4.1	80	31	2.5	80	85	12.7	150	68	10.2	150	68	10.2	150	14	44	3.1	70	22	58	4.7	80	35	2.8	80	97	14.5	150	77	11.6	150	77	11.6	150	IMO																				1101	872	81.4	93	436	1154	129.0	111	688	77.4	111	1924	363.8	189	1539	291.0	189	1539	291.0	189	2	81	5.6	70	40	107	8.6	80	64	5.2	80	178	26.6	150	142	21.3	150	142	21.3	150	3	68	4.8	70	34	91	7.2	80	54	4.3	80	150	22.5	150	120	18.0	150	120	18.0	150	4	67	4.7	70	33	89	7.1	80	53	4.3	80	147	22.0	150	117	17.6	150	117	17.6	150	5	64	4.5	70	32	86	6.9	80	52	4.1	80	142	21.3	150	114	17.1	150	114	17.1	150	6	77	5.4	70	39	103	8.3	80	62	5.0	80	171	25.6	150	137	20.5	150	137	20.5	150	7	43	3.0	70	21	57	4.5	80	34	2.7	80	94	14.1	150	75	11.3	150	75	11.3	150	8	64	4.5	70	32	86	6.9	80	51	4.1	80	142	21.2	150	113	17.0	150	113	17.0	150	9	63	4.4	70	32	84	6.7	80	50	4.0	80	139	20.9	150	111	16.7	150	111	16.7	150	10	114	8.8	78	57	152	13.8	91	91	8.3	91	251	40.4	161	201	32.3	161	201	32.3	161	11	104	7.3	70	52	138	11.1	80	83	6.6	80	229	34.3	150	183	27.4	150	183	27.4	150	12	68	4.8	70	34	91	7.3	80	54	4.4	80	150	22.5	150	120	18.0	150	120	18.0	150	13	101	7.9	79	50	135	12.4	93	81	7.5	93	222	36.4	164	178	29.1	164	178	29.1	164	14	45	3.1	70	22	60	4.8	80	36	2.9	80	99	14.8	150	79	11.9	150	79	11.9	150	15	60	4.2	70	30	79	6.4	80	48	3.8	80	131	19.7	150	105	15.8	150	105	15.8	150	16	90	6.5	73	45	120	10.1	84	72	6.0	84	198	30.5	154	158	24.4	154	158	24.4	154	17	82	5.7	70	41	109	8.7	80	66	5.2	80	181	27.1	150	145	21.7	150	145	21.7	150	18	89	6.3	70	45	119	9.5	80	72	5.7	80	197	29.6	150	158	23.7	150	158	23.7	150	19	257	26.8	104	128	342	43.4	127	205	26.0	127	566	117.0	207	453	93.6	207	453	93.6	207	20	43	3.0	70	22	58	4.6	80	35	2.8	80	96	14.4	150	77	11.5	150	77	11.5	150	21	73	5.3	73	36	97	8.1	84	58	4.9	84	161	24.7	154	128	19.8	154	128	19.8	154	Abia																				1201	1710	130.7	76	855	2282	202.8	89	1369	121.7	89	3773	605.3	160	3018	484.3	160	3018	484.3	160	2	346	51.4	149	173	461	83.1	180	277	49.8	180	763	218.0	286	610	174.4	286	610	174.4	286	3	62	4.3	68	31	83	6.7	80	50	4.0	80	138	19.7	143	110	15.8	143	110	15.8	143	4	37	2.6	70	18	49	3.9	80	29	2.4	80	81	12.2	150	65	9.7	150	65	9.7	150	5	51	3.6	70	26	68	5.5	80	41	3.3	80	113	16.9	150	90	13.6	150	90	13.6	150	6	30	2.2	74	15	40	3.4	86	24	2.1	86	66	10.3	156	53	8.3	156	53	8.3	156	7	47	3.5	74	24	63	5.4	86	38	3.2	86	104	16.2	156	83	12.9	156	83	12.9	156	8	74	5.5	74	37	99	8.5	86	59	5.1	86	168	25.5	156	131	20.4	156	131	20.4	156	9	195	13.3	68	98	260	20.8	80	156	12.5	80	430	61.7	143	344	49.3	143	344	49.3	143	10	70	5.2	74	35	93	8.0	86	56	4.8	86	154	24.1	156	124	19.3	156	124	19.3	156	11	67	5.0	74	34	89	7.7	86	54	4.6	86	148	23.1	156	118	18.4	156	118	18.4	156	12	56	4.1	74	28	75	6.4	86	45	3.9	86	124	19.3	156	99	15.4	156	99	15.4	156	13	20	1.4	70	10	26	2.1	80	16	1.3	80	43	6.5	150	35	5.2	150	35	5.2	150	14	171	20.3	119	86	228	33.4	146	137	20.0	146	378	86.9	230	302	69.5	230	302	69.5	230	15	28	2.0	70	14	38	3.0	80	23	1.8	80	63	9.4	150	50	7.5	150	50	7.5	150	16	13	0.9	70	6	17	1.4	80	10	0.8	80	28	4.2	150	23	3.4	150	23	3.4	150	17	51	3.7	74	25	67	5.8	86	40	3.5	86	111	17.4	156	89	13.9	156	89	13.9	156		1318	128.9	98	659	1759	205.1	117	1055	123.1	117	2907	571.3	197	2326	457.0	197	2326	457.0	197
1001	11	0.8	70	6	15	1.2	80	9	0.7	80	25	3.8	150	20	3.0	150	20	3.0	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	289	37.9	131	144	386	61.7	160	231	37.0	160	637	161.5	253	510	129.2	253	510	129.2	253																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
3	18	1.2	70	9	23	1.9	80	14	1.1	80	39	5.8	150	31	4.7	150	31	4.7	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
4	55	3.9	70	28	74	5.9	80	44	3.5	80	122	18.3	150	97	14.6	150	97	14.6	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
5	54	3.8	70	27	72	5.8	80	43	3.5	80	119	17.9	150	95	14.3	150	95	14.3	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
6	44	3.1	70	22	59	4.7	80	36	2.8	80	98	14.7	150	78	11.8	150	78	11.8	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
7	101	7.1	70	51	135	10.8	80	81	6.5	80	224	38.6	150	179	26.8	150	179	26.8	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
8	99	9.6	97	49	132	15.6	119	79	9.4	119	218	42.0	193	174	33.6	193	174	33.6	193																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
9	37	2.6	70	19	50	4.0	80	30	2.4	80	82	12.3	150	66	9.8	150	66	9.8	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
10	14	1.0	70	7	18	1.5	80	11	0.9	80	30	4.6	150	24	3.7	150	24	3.7	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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20	43	3.0	70	22	58	4.6	80	35	2.8	80	96	14.4	150	77	11.5	150	77	11.5	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
21	73	5.3	73	36	97	8.1	84	58	4.9	84	161	24.7	154	128	19.8	154	128	19.8	154																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Abia																				1201	1710	130.7	76	855	2282	202.8	89	1369	121.7	89	3773	605.3	160	3018	484.3	160	3018	484.3	160	2	346	51.4	149	173	461	83.1	180	277	49.8	180	763	218.0	286	610	174.4	286	610	174.4	286	3	62	4.3	68	31	83	6.7	80	50	4.0	80	138	19.7	143	110	15.8	143	110	15.8	143	4	37	2.6	70	18	49	3.9	80	29	2.4	80	81	12.2	150	65	9.7	150	65	9.7	150	5	51	3.6	70	26	68	5.5	80	41	3.3	80	113	16.9	150	90	13.6	150	90	13.6	150	6	30	2.2	74	15	40	3.4	86	24	2.1	86	66	10.3	156	53	8.3	156	53	8.3	156	7	47	3.5	74	24	63	5.4	86	38	3.2	86	104	16.2	156	83	12.9	156	83	12.9	156	8	74	5.5	74	37	99	8.5	86	59	5.1	86	168	25.5	156	131	20.4	156	131	20.4	156	9	195	13.3	68	98	260	20.8	80	156	12.5	80	430	61.7	143	344	49.3	143	344	49.3	143	10	70	5.2	74	35	93	8.0	86	56	4.8	86	154	24.1	156	124	19.3	156	124	19.3	156	11	67	5.0	74	34	89	7.7	86	54	4.6	86	148	23.1	156	118	18.4	156	118	18.4	156	12	56	4.1	74	28	75	6.4	86	45	3.9	86	124	19.3	156	99	15.4	156	99	15.4	156	13	20	1.4	70	10	26	2.1	80	16	1.3	80	43	6.5	150	35	5.2	150	35	5.2	150	14	171	20.3	119	86	228	33.4	146	137	20.0	146	378	86.9	230	302	69.5	230	302	69.5	230	15	28	2.0	70	14	38	3.0	80	23	1.8	80	63	9.4	150	50	7.5	150	50	7.5	150	16	13	0.9	70	6	17	1.4	80	10	0.8	80	28	4.2	150	23	3.4	150	23	3.4	150	17	51	3.7	74	25	67	5.8	86	40	3.5	86	111	17.4	156	89	13.9	156	89	13.9	156		1318	128.9	98	659	1759	205.1	117	1055	123.1	117	2907	571.3	197	2326	457.0	197	2326	457.0	197																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1201	1710	130.7	76	855	2282	202.8	89	1369	121.7	89	3773	605.3	160	3018	484.3	160	3018	484.3	160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	346	51.4	149	173	461	83.1	180	277	49.8	180	763	218.0	286	610	174.4	286	610	174.4	286																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
3	62	4.3	68	31	83	6.7	80	50	4.0	80	138	19.7	143	110	15.8	143	110	15.8	143																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
4	37	2.6	70	18	49	3.9	80	29	2.4	80	81	12.2	150	65	9.7	150	65	9.7	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
5	51	3.6	70	26	68	5.5	80	41	3.3	80	113	16.9	150	90	13.6	150	90	13.6	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
6	30	2.2	74	15	40	3.4	86	24	2.1	86	66	10.3	156	53	8.3	156	53	8.3	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
7	47	3.5	74	24	63	5.4	86	38	3.2	86	104	16.2	156	83	12.9	156	83	12.9	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
8	74	5.5	74	37	99	8.5	86	59	5.1	86	168	25.5	156	131	20.4	156	131	20.4	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
9	195	13.3	68	98	260	20.8	80	156	12.5	80	430	61.7	143	344	49.3	143	344	49.3	143																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
10	70	5.2	74	35	93	8.0	86	56	4.8	86	154	24.1	156	124	19.3	156	124	19.3	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
11	67	5.0	74	34	89	7.7	86	54	4.6	86	148	23.1	156	118	18.4	156	118	18.4	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
12	56	4.1	74	28	75	6.4	86	45	3.9	86	124	19.3	156	99	15.4	156	99	15.4	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
13	20	1.4	70	10	26	2.1	80	16	1.3	80	43	6.5	150	35	5.2	150	35	5.2	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
14	171	20.3	119	86	228	33.4	146	137	20.0	146	378	86.9	230	302	69.5	230	302	69.5	230																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
15	28	2.0	70	14	38	3.0	80	23	1.8	80	63	9.4	150	50	7.5	150	50	7.5	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
16	13	0.9	70	6	17	1.4	80	10	0.8	80	28	4.2	150	23	3.4	150	23	3.4	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
17	51	3.7	74	25	67	5.8	86	40	3.5	86	111	17.4	156	89	13.9	156	89	13.9	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	1318	128.9	98	659	1759	205.1	117	1055	123.1	117	2907	571.3	197	2326	457.0	197	2326	457.0	197																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

TABLE 20 PROJECTED URBAN WATER DEMAND (3/15)

LGA	1991						2000						2020							
	Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.			
	*1000	lcd	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	
Anambra																				
1301	202	16.8	83	101	8.4	83	270	25.5	94	162	15.3	94	446	75.9	170	357	60.7	170	170	
2	60	4.2	70	30	2.1	70	80	6.4	80	48	3.8	80	132	19.9	150	106	15.9	150	150	
3	139	11.5	83	70	5.8	83	186	17.5	94	112	10.5	94	307	52.2	170	246	41.8	170	170	
4	98	9.8	100	49	4.9	100	130	16.0	123	78	9.6	123	215	42.5	197	172	34.0	198	198	
5	281	23.3	83	140	11.6	83	375	35.3	94	225	21.2	94	619	105.3	170	495	84.2	170	170	
6	140	13.6	97	70	6.8	97	187	22.2	119	112	13.3	119	309	59.6	193	247	47.7	193	193	
7	80	5.9	73	40	2.9	73	107	9.1	85	64	5.5	85	177	27.5	155	142	22.0	155	155	
8	141	11.7	83	70	5.8	83	188	17.7	94	113	10.6	94	310	52.8	170	248	42.2	170	170	
9	107	7.8	73	53	3.9	73	143	12.1	85	86	7.3	85	236	36.5	155	189	29.2	155	155	
10	257	39.3	153	129	19.7	153	343	64.1	187	206	38.5	187	567	166.7	294	454	133.4	294	294	
11	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	
12	58	4.2	73	29	2.1	73	77	6.5	85	46	3.9	85	127	19.7	155	102	15.8	155	155	
13	76	5.3	70	38	2.7	70	102	8.2	80	61	4.9	80	169	25.3	150	135	20.2	150	150	
14	25	1.8	70	13	0.9	70	34	2.7	80	20	1.6	80	56	8.3	150	44	6.7	150	150	
15	77	5.6	73	38	2.8	73	102	8.7	85	61	5.2	85	169	26.3	155	136	21.0	155	155	
16	95	7.0	73	48	3.5	73	127	10.8	85	76	6.5	85	210	32.6	155	168	26.1	155	155	
	1836	167.8	91	918	83.9	91	2450	262.8	107	1470	157.7	107	4051	751.1	185	3241	600.9	185	185	
Enugu																				
1401	158	15.4	97	79	7.7	97	211	25.0	119	127	15.0	119	349	67.3	193	279	53.9	193	193	
2	134	10.5	78	67	5.2	78	179	15.2	85	107	9.1	85	295	45.8	155	236	36.6	155	155	
3	465	67.9	146	233	33.9	146	621	111.1	179	372	66.6	179	1026	288.3	281	821	230.6	281	281	
4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	
5	54	3.8	70	27	1.9	70	72	5.8	80	43	3.5	80	119	17.9	150	95	14.3	150	150	
6	113	8.9	78	57	4.4	78	151	12.9	85	91	7.7	85	250	38.8	155	200	31.0	155	155	
7	79	6.2	78	40	3.1	78	106	9.0	85	63	5.4	85	175	27.1	155	140	21.7	155	155	
8	136	10.6	78	68	5.3	78	181	15.4	85	109	9.2	85	299	46.4	155	239	37.1	155	155	
9	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	
10	100	7.8	78	50	3.9	78	133	11.3	85	80	6.8	85	220	34.1	155	176	27.2	155	155	
11	67	4.7	70	33	2.3	70	89	7.1	80	53	4.3	80	147	22.0	150	117	17.6	150	150	
12	105	7.4	70	53	3.7	70	140	11.2	80	84	6.7	80	232	34.8	150	185	27.8	150	150	
13	83	5.8	70	42	2.9	70	111	8.9	80	66	5.3	80	183	27.5	150	147	22.0	150	150	
14	104	7.3	70	52	3.6	70	139	11.1	80	83	6.7	80	229	34.4	150	184	27.5	150	150	
15	153	13.1	86	76	6.5	86	204	20.9	103	122	12.6	103	337	58.7	174	269	46.9	174	174	
16	109	8.5	78	54	4.3	78	145	12.3	85	87	7.4	85	240	37.1	155	192	29.7	155	155	
17	41	2.9	70	21	1.4	70	55	4.4	80	33	2.6	80	90	13.6	150	72	10.9	150	150	
18	74	5.1	70	37	2.6	70	98	7.8	80	59	4.7	80	162	24.3	150	130	19.5	150	150	
19	16	1.1	70	8	0.6	70	22	1.8	80	13	1.1	80	36	5.4	150	29	4.3	150	150	
	1989	186.9	94	995	93.4	94	2655	291.1	110	1593	174.7	110	4389	823.3	188	3511	658.7	188	188	

TABLE 20 PROJECTED URBAN WATER DEMAND (4/15)

LGA	1991						2000						2020						
	Popu. *1000		Demand		Service Popu. *1000		Popu. *1000		Demand		Service Popu. *1000		Popu. *1000		Demand		Service Popu. *1000		
	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	
Oyo	28	2.1	75	1.1	14	75	37	3.3	87	2.0	87	22	2.0	87	9.7	158	62	49	7.8
301	70	6.2	88	3.1	35	88	93	9.9	106	5.9	106	56	5.9	106	27.5	178	154	124	22.0
2	77	6.6	85	3.3	39	85	103	10.5	102	6.3	102	62	6.3	102	29.6	173	137	137	23.7
3	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
4	17	1.3	77	0.7	9	77	23	2.1	90	1.2	90	14	1.2	90	6.0	160	38	30	4.8
5	22	1.7	75	0.8	11	75	30	2.6	88	1.6	88	18	1.6	88	7.8	158	49	40	6.2
6	23	1.6	70	0.8	12	70	31	2.5	80	1.5	80	18	1.5	80	7.6	150	51	41	6.1
7	32	2.4	77	1.2	16	77	42	3.8	90	2.3	90	25	2.3	90	11.1	160	69	56	8.9
8	40	3.0	77	1.5	20	77	53	4.8	90	2.9	90	32	2.9	90	14.0	160	87	70	11.2
9	51	3.9	77	2.0	26	77	68	6.2	90	3.7	90	41	3.7	90	18.1	160	113	91	14.5
10	52	4.0	77	2.0	26	77	69	6.2	90	3.7	90	41	3.7	90	18.2	160	114	91	14.6
11	35	3.0	88	1.5	17	88	46	4.9	106	2.9	106	28	2.9	106	13.5	178	76	61	10.8
12	166	23.2	140	11.6	83	140	222	37.9	171	22.7	171	133	22.7	171	98.5	269	366	293	78.8
13	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
14	14	1.1	75	0.5	7	75	19	1.7	88	1.0	88	12	1.0	88	5.0	157	32	25	4.0
15	46	4.0	88	2.0	23	88	61	6.4	106	3.9	106	36	3.9	106	17.9	178	100	80	14.3
16	61	5.4	88	2.7	31	88	81	8.6	106	5.2	106	49	5.2	106	24.0	178	135	108	19.2
17	33	2.5	75	1.2	17	75	44	3.9	88	2.3	88	27	2.3	88	11.5	158	73	59	9.2
18	9	0.7	70	0.3	5	70	12	1.0	80	0.6	80	7	0.6	80	3.1	150	21	16	2.5
19	248	33.3	134	16.6	124	134	330	54.3	164	32.6	164	198	32.6	164	141.4	259	546	437	113.1
20	20	1.6	77	0.8	10	77	27	2.5	90	1.5	90	16	1.5	90	7.2	160	45	36	5.8
21	1223	226.3	185	113.1	612	185	1632	368.8	226	221.3	226	979	221.3	226	952.5	353	2698	2159	762.0
22	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
23	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
24	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
25	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
	2267	333.8	147	1133	166.9	147	3025	541.7	179	325.0	179	1815	325.0	179	1424.3	285	5001	4001	1139.5
Osun	36	2.7	75	1.4	18	75	49	4.3	88	2.6	88	29	2.6	88	12.6	158	80	64	10.1
401	20	1.8	88	0.9	10	88	27	2.8	106	1.7	106	16	1.7	106	7.9	178	44	35	6.3
2	69	5.0	73	2.5	35	73	92	6.6	71	4.0	71	55	4.0	71	19.0	124	153	122	15.2
3	104	10.6	101	5.3	52	101	139	17.0	122	10.2	122	84	10.2	122	46.3	201	230	184	37.1
4	103	8.1	79	4.0	51	79	137	14.1	103	8.5	103	82	8.5	103	39.6	174	182	142	31.7
5	23	2.0	88	1.0	11	88	30	3.2	106	1.9	106	18	1.9	106	8.8	178	50	40	7.1
6	36	3.2	88	1.6	18	88	48	5.1	106	3.1	106	29	3.1	106	14.1	178	79	64	11.3
7	60	4.7	79	2.3	30	79	79	8.2	103	4.9	103	48	4.9	103	22.9	174	131	105	18.3
8	185	25.3	137	12.7	93	137	247	41.2	167	24.7	167	148	24.7	167	107.8	264	408	327	86.2
9	117	10.9	93	5.5	59	93	156	17.3	111	10.4	111	94	10.4	111	48.8	189	258	207	39.0
10	35	2.6	75	1.3	18	75	47	4.1	88	2.5	88	28	2.5	88	12.2	157	78	62	9.8
11	45	3.9	88	2.0	22	88	59	6.3	106	3.8	106	36	3.8	106	17.5	178	98	79	14.0
12	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0
13	138	20.3	147	10.1	69	147	184	33.0	179	19.8	179	110	19.8	179	85.9	282	304	244	68.7
14	67	5.9	88	2.9	33	88	89	9.4	106	5.6	106	53	5.6	106	26.1	178	147	117	20.9
15	159	14.9	93	7.4	80	93	213	23.6	111	14.2	111	128	14.2	111	66.4	189	351	281	53.1
16	74	5.8	79	2.9	37	79	99	10.2	103	6.1	103	59	6.1	103	28.5	174	164	131	22.8
17	43	3.1	73	1.6	21	73	57	4.1	71	2.4	71	34	2.4	71	11.7	124	94	75	9.4
18	45	4.0	88	2.0	23	88	60	6.4	106	3.8	106	36	3.8	106	17.7	178	99	79	14.1
19	22	1.9	88	0.9	11	88	29	3.0	106	1.8	106	17	1.8	106	8.4	178	47	38	6.8
20	79	9.1	115	4.5	40	115	105	14.8	140	8.9	140	63	8.9	140	39.2	225	174	139	31.4
21	56	4.1	73	2.0	28	73	75	5.3	71	3.2	71	45	3.2	71	15.4	124	124	99	12.3
22	109	19.1	175	9.5	55	175	145	16.7	115	10.0	115	87	10.0	115	80.1	333	240	192	64.1
23	1624	168.9	104	84.4	812	104	2167	256.7	118	154.0	118	1300	154.0	118	736.9	206	3583	2866	589.5

TABLE 20 PROJECTED URBAN WATER DEMAND (5/15)

LGA	1991						2000						2020					
	Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.			
	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	
Ondo																		
501	104	8.2	79	52	4.1	79	139	14.3	103	84	8.6	103	230	40.1	174	184	32.1	174
2	62	4.8	77	31	2.4	77	83	7.5	90	50	4.5	90	138	22.0	160	110	17.6	160
3	112	8.6	77	56	4.3	77	149	13.4	90	89	8.0	90	246	39.4	160	197	31.5	160
4	285	40.6	142	143	20.3	142	381	66.0	173	228	39.6	173	629	172.1	273	504	137.6	273
5	82	6.3	77	41	3.2	77	110	9.9	90	66	5.9	90	181	29.0	160	145	23.2	160
6	94	7.4	79	47	3.7	79	125	12.9	103	75	7.7	103	207	36.1	174	166	28.9	174
7	198	19.0	96	99	9.5	96	264	31.0	118	158	18.6	117	436	83.4	191	349	66.7	191
8	25	1.9	77	12	0.9	77	33	3.0	90	20	1.8	90	54	8.7	160	43	6.9	160
9	86	8.3	96	43	4.2	96	115	13.5	118	69	8.1	118	191	36.5	191	153	29.2	191
10	60	4.5	75	30	2.3	75	81	7.1	88	48	4.2	87	133	21.0	158	107	16.8	158
11	56	4.3	77	28	2.1	77	74	6.7	90	45	4.0	90	123	19.7	160	98	15.8	160
12	101	7.8	77	51	3.9	77	135	12.2	90	81	7.3	90	224	35.8	160	179	28.6	160
13	35	2.7	77	18	1.4	77	47	4.3	90	28	2.6	90	78	12.5	160	62	10.0	160
14	57	4.3	75	29	2.1	75	76	6.7	88	46	4.0	87	126	19.9	158	101	15.9	158
15	110	8.3	75	55	4.1	75	147	12.8	88	88	7.7	88	243	38.2	158	194	30.6	158
16	87	6.8	79	43	3.4	79	116	11.9	103	69	7.1	103	192	33.4	174	153	26.7	174
17	79	6.1	77	40	3.0	77	106	7.9	75	63	4.8	75	175	23.0	132	140	18.4	132
18	149	15.1	101	75	7.6	101	199	24.4	122	120	14.6	122	330	66.3	201	264	53.0	201
19	148	11.4	77	74	5.7	77	198	14.8	75	119	8.9	75	327	43.1	132	262	34.4	132
20	37	2.8	75	18	1.4	75	49	4.3	88	29	2.6	88	81	12.8	158	65	10.2	158
21	155	21.5	139	78	10.8	139	207	35.4	171	124	21.2	171	342	91.7	268	274	73.3	268
22	82	6.3	77	41	3.1	77	109	9.8	90	65	5.9	90	180	28.8	160	144	23.0	160
23	49	3.7	75	25	1.8	75	66	5.7	88	39	3.4	88	109	17.1	158	87	13.7	157
24	71	5.6	79	36	2.8	79	95	9.8	103	57	5.9	103	158	27.5	174	126	22.0	174
25	42	3.2	75	21	1.6	75	56	4.9	88	34	2.9	87	93	14.6	158	74	11.7	157
26	89	6.8	77	44	3.4	77	119	10.7	90	71	6.4	90	196	31.3	160	157	25.1	160
	2457	226.0	92	1228	113.0	92	3279	360.8	110	1967	216.5	110	5421	1003.7	185	4336	803.0	185
Edo																		
601	45	3.1	70	22	1.6	70	59	4.8	80	36	2.9	80	98	14.7	150	79	11.8	150
2	74	5.7	77	37	2.9	77	99	8.9	90	60	5.4	90	164	26.3	160	131	21.0	160
13-3	165	13.5	82	83	6.7	82	220	21.3	97	132	12.8	97	364	61.3	168	291	49.0	168
4	55	4.2	77	28	2.1	77	74	6.6	90	44	4.0	90	122	19.5	160	97	15.6	160
5	703	69.5	99	351	34.8	99	938	111.5	119	563	66.9	119	1551	306.7	198	1241	245.4	198
7-6	114	7.9	70	57	4.0	70	151	12.1	80	91	7.3	80	250	37.6	150	200	30.1	150
14-8	20	1.4	70	10	0.7	70	27	2.2	80	16	1.3	80	45	6.7	150	36	5.4	150
10-9	76	5.3	70	38	2.6	70	101	8.1	80	60	4.8	80	167	25.0	150	133	20.0	150
11	77	5.9	77	39	3.0	77	103	9.3	90	62	5.6	90	171	27.3	160	137	21.9	160
12	53	4.0	77	26	2.0	77	70	6.3	90	42	3.8	90	116	18.6	160	93	14.9	160
	1382	120.7	87	691	60.3	87	1844	191.1	104	1106	114.7	104	3048	543.7	178	2438	435.0	178

TABLE 20 PROJECTED URBAN WATER DEMAND (6/15)

LGA	1991						2000						2020					
	Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.	
	*1000	lcd	MLD	lcd	*1000	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd
Lagos	650	128.1	197	325	64.0	197	867	209.9	242	520	125.9	242	1434	540.7	377	1147	432.5	377
1	95	9.2	96	48	4.6	96	127	14.9	117	76	9.0	117	210	40.2	191	168	32.1	191
2	80	7.7	96	40	3.9	96	107	12.5	118	64	7.5	118	177	33.8	191	141	27.0	191
3	137	13.2	96	68	6.6	96	183	21.5	118	110	12.9	118	302	57.7	191	241	46.2	191
4	20	1.9	96	10	1.0	96	27	3.1	118	16	1.9	118	44	8.4	191	35	6.8	191
5	640	126.1	197	320	63.0	197	854	206.7	242	512	124.0	242	1412	532.3	377	1130	425.9	377
6	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
7	146	14.0	96	73	7.0	96	194	22.8	118	117	13.7	118	321	61.4	191	257	49.2	191
8	164	32.3	197	82	16.2	197	219	53.0	242	131	31.8	242	362	136.4	377	289	109.1	377
9	870	171.4	197	435	85.7	197	1161	281.0	242	697	168.6	242	1920	723.7	377	1536	578.9	377
10	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
11	987	194.4	197	494	97.2	197	1317	318.7	242	790	191.2	242	2178	821.0	377	1742	656.8	377
12	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
13	1012	199.4	197	506	99.7	197	1350	326.8	242	810	196.1	242	2233	841.8	377	1786	673.4	377
14	767	151.1	197	384	75.5	197	1024	247.7	242	614	148.6	242	1692	638.0	377	1354	510.4	377
15	5568	1048.7	188	2784	524.3	188	7430	1718.6	231	4458	1031.2	231	12284	4435.4	361	9827	3548.3	361
Ogun	375	64.9	173	188	32.4	173	500	105.6	211	300	63.4	211	827	274.7	332	662	219.8	332
1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
2	144	12.2	85	72	6.1	85	192	13.5	70	115	8.1	70	318	55.1	173	254	44.1	173
3	118	8.7	74	59	4.3	74	157	16.6	106	94	10.0	106	259	40.4	156	207	32.4	156
4	163	13.9	85	82	6.9	85	218	15.2	70	131	9.1	70	360	62.4	173	288	49.9	173
5	128	10.9	85	64	5.4	85	171	11.9	70	102	7.2	70	282	48.9	173	226	39.1	173
6	19	1.3	70	9	0.7	70	25	1.5	60	15	0.9	60	41	6.2	150	33	4.9	150
7	128	13.8	108	64	6.9	108	171	22.7	133	102	13.6	133	282	59.2	210	226	47.4	210
8	221	28.9	131	110	14.5	131	294	47.1	160	177	28.2	160	486	123.2	253	389	98.6	253
9	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
10	81	6.2	77	41	3.1	77	108	8.1	75	65	4.9	75	179	28.6	160	143	22.9	160
11	44	3.3	74	22	1.6	74	59	6.2	106	35	3.7	106	97	15.1	156	78	12.1	156
12	40	3.0	77	20	1.5	77	53	4.0	75	32	2.4	75	87	14.0	160	70	11.2	160
13	186	18.1	97	93	9.0	97	248	29.5	119	149	17.7	119	411	79.2	193	329	63.4	193
14	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
15	1645	185.1	113	823	92.6	113	2195	281.9	128	1317	169.1	128	3630	807.1	222	2904	645.6	222
Delta	90	7.3	81	45	3.6	81	120	11.5	96	72	6.9	96	198	33.1	168	158	26.5	167
1	98	7.7	79	49	3.9	79	131	13.5	103	78	8.1	103	216	37.7	174	173	30.1	174
2	80	5.6	70	40	2.8	70	107	8.5	80	64	5.1	80	177	26.5	150	141	21.2	150
3	76	6.0	79	38	3.0	79	102	10.5	103	61	6.3	103	168	29.3	174	135	23.5	174
4	91	7.2	79	46	3.6	79	121	12.5	103	73	7.5	103	201	35.0	174	161	28.0	174
5	100	7.9	79	50	3.9	79	134	13.7	103	80	8.2	103	221	38.5	174	177	30.8	174
6	92	6.4	70	46	3.2	70	122	9.8	80	73	5.9	80	202	30.3	150	162	24.2	150
7	183	14.4	79	91	7.2	79	244	25.1	103	146	15.0	103	403	70.3	174	322	56.2	174
8	98	10.1	103	49	5.0	103	131	16.2	124	79	9.7	124	217	44.2	204	174	35.4	204
9	113	11.6	103	56	5.8	103	151	18.6	124	90	11.2	124	249	50.7	204	199	40.6	204
10	97	7.4	77	48	3.7	77	129	11.6	90	77	7.0	90	213	34.1	160	171	27.3	160
11	149	15.1	101	75	7.6	101	199	24.7	124	119	14.8	124	329	65.8	200	263	52.6	200
12	9	0.6	70	4	0.3	70	12	0.9	80	7	0.6	80	19	2.9	150	15	2.3	150
13	61	4.7	77	31	2.3	77	82	7.4	90	49	4.4	90	135	21.6	160	108	17.3	160
14	7	0.5	70	4	0.3	70	10	0.8	80	6	0.5	80	16	2.4	150	13	1.9	150
15	79	6.0	77	39	3.0	77	105	9.4	90	63	5.7	90	173	27.7	160	139	22.2	160
16	67	5.1	77	33	2.6	77	89	8.0	90	53	4.8	90	147	23.5	160	118	18.8	160
17	28	1.9	70	14	1.0	70	37	2.9	80	22	1.8	80	61	9.1	150	49	7.3	150
18	94	7.4	79	47	3.7	79	125	12.9	103	75	7.7	103	207	36.1	174	166	28.9	174
19	1610	132.8	82	805	66.4	82	2148	218.6	102	1289	131.1	102	3552	618.8	174	2841	495.0	174

TABLE 20 PROJECTED URBAN WATER DEMAND (7/15)

LGA	1991						2000						2020							
	Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand	
	*1000	MLD	lcd	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd
Benue	10	0.7	70	5	0.4	70	14	1.2	80	9	0.7	80	26	3.9	150	21	3.1	150	3.1	150
1901	179	16.7	93	89	8.3	93	250	28.3	113	150	17.0	113	451	84.2	187	361	67.3	187	67.3	187
2	12	0.8	70	6	0.4	70	16	1.3	80	10	0.8	80	29	4.4	150	23	3.5	150	3.5	150
3	12	0.8	70	6	0.4	70	16	1.3	80	10	0.8	80	29	4.3	150	23	3.5	150	3.5	150
4	119	8.8	74	60	4.4	74	166	14.3	86	100	8.6	86	300	46.8	156	240	37.4	156	37.4	156
5	29	2.0	70	14	1.0	70	40	3.2	80	24	1.9	80	72	10.8	150	58	8.7	150	8.7	150
6	19	1.3	70	10	0.7	70	27	2.1	80	16	1.3	80	48	7.2	150	39	5.8	150	5.8	150
7	203	25.1	123	102	12.5	123	284	43.0	151	171	25.8	151	513	122.5	239	410	98.0	239	98.0	239
8	35	2.5	70	18	1.2	70	49	4.0	80	30	2.4	80	89	13.4	150	71	10.7	150	10.7	150
9	17	1.2	70	9	0.6	70	24	1.9	80	15	1.2	80	44	6.6	150	35	5.3	150	5.3	150
10	38	2.7	70	19	1.3	70	53	4.3	80	32	2.6	80	96	14.4	150	77	11.5	150	11.5	150
11	25	1.7	70	12	0.9	70	35	2.8	80	21	1.7	80	63	9.4	150	50	7.5	150	7.5	150
12	66	4.6	70	33	2.3	70	92	7.3	80	55	4.4	80	165	24.8	150	132	19.9	150	19.9	150
13	36	2.5	70	18	1.3	70	51	4.1	80	31	2.4	80	92	13.8	150	73	11.0	150	11.0	150
14	13	0.9	70	6	0.5	70	18	1.4	80	11	0.9	80	33	4.9	150	26	3.9	150	3.9	150
15	26	1.8	70	13	0.9	70	37	2.9	80	22	1.8	80	66	9.9	150	53	7.9	150	7.9	150
16	7	0.5	70	4	0.3	70	10	0.8	80	6	0.5	80	18	2.8	150	15	2.2	150	2.2	150
17	37	2.6	70	18	1.3	70	51	4.1	80	31	2.5	80	92	13.8	150	74	11.1	150	11.1	150
18	883	77.3	88	441	38.6	88	1234	128.3	104	741	77.0	104	2226	397.9	179	1781	318.3	179	318.3	179

TABLE 20 PROJECTED URBAN WATER DEMAND (8/15)

LGA	1991						2000						2020											
	Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.		Demand					
	*1000	lcd	MLD	lcd	*1000	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd		
Adamawa	15	70	1.1	0.5	8	70	22	1.7	80	13	80	1.0	80	39	80	5.8	149	31	80	5.8	149	4.7	149	
2501	17	70	1.2	0.6	9	70	24	1.9	80	14	80	1.1	80	43	80	6.5	150	35	80	6.5	150	5.2	150	
	9	70	0.6	0.3	4	70	12	1.0	80	7	80	0.6	80	22	80	3.3	150	18	80	3.3	150	2.7	150	
	42	70	2.9	1.5	21	70	59	4.7	80	35	80	2.8	80	106	80	15.9	150	85	80	15.9	150	12.7	150	
	63	70	4.4	2.2	32	70	88	7.0	80	53	80	4.2	80	159	80	23.8	150	127	80	23.8	150	19.1	150	
	47	70	3.3	1.6	23	70	65	5.2	80	39	80	3.1	80	117	80	17.6	150	94	80	17.6	150	14.1	150	
	61	70	4.2	2.1	30	70	85	6.8	80	51	80	4.1	80	153	80	22.9	150	122	80	22.9	150	18.3	150	
	71	70	5.0	2.5	35	70	99	7.9	80	59	80	4.8	80	178	80	26.8	150	143	80	26.8	150	21.4	150	
	170	80	13.6	6.8	85	80	238	22.4	94	143	94	13.5	94	429	94	71.1	166	343	94	71.1	166	56.9	166	
	137	77	10.5	5.2	68	77	191	17.2	90	115	90	10.3	90	345	90	55.2	160	276	90	55.2	160	44.2	160	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	19	70	1.4	0.7	10	70	27	2.2	80	16	80	1.3	80	48	80	7.3	150	39	80	7.3	150	5.8	150	
	221	127	28.0	14.0	111	127	310	48.1	156	186	156	28.9	156	558	156	136.5	244	447	156	136.5	244	109.2	244	
	62	70	4.3	2.2	31	70	87	6.9	80	52	80	4.2	80	156	80	23.4	150	125	80	23.4	150	18.8	150	
	55	70	3.9	1.9	28	70	77	6.2	80	46	80	3.7	80	139	80	20.9	150	111	80	20.9	150	16.7	150	
	6	70	0.4	0.2	3	70	8	1.6	200	5	200	0.9	200	14	200	6.1	425	11	200	6.1	425	4.9	425	
	995	85	84.8	42.4	497	85	1390	140.9	101	834	101	84.5	101	2507	101	443.0	177	2006	101	443.0	177	354.4	177	
Taraba																								
2401	31	70	2.2	1.1	16	70	44	3.5	80	26	80	2.1	80	79	80	11.9	150	63	80	11.9	150	9.5	150	
	5	70	0.3	0.2	2	70	6	0.5	80	4	80	0.3	80	12	80	1.7	147	9	80	1.7	147	1.4	147	
	97	107	10.3	5.2	48	107	135	17.6	130	81	130	10.5	130	244	130	51.5	211	195	130	51.5	211	41.2	211	
	14	70	1.0	0.5	7	70	20	1.6	80	12	80	1.0	80	36	80	5.4	151	29	80	5.4	151	4.3	151	
	22	70	1.5	0.8	11	70	30	2.4	80	18	80	1.4	80	54	80	8.1	150	43	80	8.1	150	6.5	150	
	74	70	5.2	2.6	37	70	103	8.3	80	62	80	5.0	80	187	80	25.4	136	149	80	25.4	136	20.3	136	
	45	70	3.2	1.6	23	70	63	5.0	80	38	80	3.0	80	113	80	15.4	136	91	80	15.4	136	12.3	136	
	27	70	1.9	0.9	14	70	38	3.0	80	23	80	1.8	80	68	80	9.3	136	55	80	9.3	136	7.4	136	
	38	70	2.7	1.3	19	70	53	4.3	80	32	80	2.6	80	96	80	13.0	136	77	80	13.0	136	10.4	136	
	45	70	3.1	1.6	22	70	62	5.0	80	37	80	3.0	80	112	80	15.3	136	90	80	15.3	136	12.2	136	
	54	70	3.8	1.9	27	70	75	6.0	80	45	80	3.6	80	136	80	18.5	136	109	80	18.5	136	14.8	136	
	37	73	2.7	1.3	18	73	51	4.3	85	31	85	2.6	85	92	85	14.3	155	74	85	14.3	155	11.4	155	
	487	78	37.8	18.9	244	78	681	61.5	90	409	90	36.9	90	1229	90	189.8	154	984	90	189.8	154	151.9	154	
Plateau																								
2101	73	70	5.1	2.6	37	70	102	8.2	80	61	80	4.9	80	185	80	27.7	150	148	80	27.7	150	22.2	150	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	13	70	0.9	0.5	7	70	19	1.5	80	11	80	0.9	80	34	80	5.1	150	27	80	5.1	150	4.0	150	
	77	74	5.7	2.8	38	74	107	9.2	86	64	86	5.5	86	193	86	30.1	156	154	86	30.1	156	24.1	156	
	45	70	3.2	1.6	23	70	63	5.1	80	38	80	3.0	80	114	80	17.1	150	91	80	17.1	150	13.7	150	
	5	70	0.3	0.2	2	70	7	0.5	80	4	80	0.3	80	12	80	1.8	150	10	80	1.8	150	1.5	150	
	561	130	72.9	36.4	280	130	784	125.4	160	470	160	75.3	160	1414	160	356.6	252	1131	160	356.6	252	285.3	252	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	12	70	0.8	0.4	6	70	16	1.3	80	10	80	0.8	80	30	80	4.4	150	24	80	4.4	150	3.5	150	
	170	100	17.0	8.5	85	100	238	28.5	120	143	120	17.1	120	429	120	85.8	200	343	120	85.8	200	68.6	200	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	273	117	32.1	16.0	136	117	381	54.3	143	229	143	32.6	143	688	143	158.2	230	550	143	158.2	230	125.6	230	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	51	74	3.7	1.9	25	74	71	6.1	86	42	86	3.6	86	127	86	19.9	156	102	86	19.9	156	15.9	156	
	137	74	10.1	5.1	68	74	191	16.4	86	115	86	9.8	86	344	86	53.7	156	276	86	53.7	156	43.0	156	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	23	70	1.6	0.8	11	70	31	2.5	80	19	80	1.5	80	57	80	8.5	150	46	80	8.5	150	6.8	150	
	0	70	0.0	0.0	0	70	0	0.0	80	0	80	0.0	80	0	80	0.0	150	0	80	0.0	150	0.0	150	
	68	70	4.7	2.4	34	70	95	7.6	80	57	80	4.5	80	171	80	25.6	150	136	80	25.6	150	20.5	150	
	57	70	4.0	2.0	28	70	79	6.4	80	48	80	3.8	80	143	80	21.5	150	115	80	21.5	150	17.2	150	
	87	70	6.1	3.0	43	70	121	9.7	80	73	80	5.8	80	219	80	32.8	150	175	80	32.8	150	26.3	150	
	10	70	0.7	0.4	5	70	15	1.2	80	9	80	0.7	80	26	80	4.0	149	21	80	4.0	149	3.2	149	
	10	70	0.7	0.3	5	70	14	1.1	80	8	80	0.7	80	25	80	3.7	151	20	80	3.7	151	3.0	151	
	1669	102	159.6	84.8	835	102	2334	285.0	122	1400	122	171.0	122	4210	122	856.5	203	3368	122	856.5	203	685.2	203	

TABLE 20 PROJECTED URBAN WATER DEMAND (9/15)

LGA	1991						2000						2020						
	Popu. *1000		Demand		Service Popu. *1000		Demand		Service Popu. *1000		Demand		Service Popu. *1000		Demand		Service Popu. *1000		
	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	MLD	lcd	
Kogi																			
1801	74	5.2	70	2.6	70	99	7.9	80	4.8	80	180	27.0	150	144	21.6	150	150	150	
2	9	0.6	70	0.3	70	11	0.9	80	0.6	80	21	3.1	150	17	2.5	150	150	150	
3	61	4.2	70	2.1	70	81	6.5	80	3.9	80	146	22.0	150	117	17.6	150	150	150	
4	65	6.0	93	3.0	93	86	9.8	113	5.9	113	156	29.1	187	125	23.3	187	187	187	
5	55	3.8	70	1.9	70	73	5.9	80	3.5	80	132	19.9	150	106	15.9	150	150	150	
6	216	19.5	90	9.7	90	289	31.3	109	18.8	109	523	94.8	181	418	75.9	181	181	181	
7	7	0.5	70	0.2	70	9	0.7	80	0.4	80	16	2.4	150	13	1.9	150	150	150	
8	34	2.4	70	1.2	70	45	3.6	80	2.2	80	82	12.3	150	66	9.8	150	150	150	
9	8	0.5	70	0.3	70	10	0.8	80	0.5	80	18	2.8	150	15	2.2	150	150	150	
10	45	3.2	70	1.6	70	61	4.9	80	2.9	80	110	16.5	150	88	13.2	150	150	150	
11	23	1.6	70	0.8	70	31	2.5	80	1.5	80	57	8.5	150	45	6.8	150	150	150	
12	78	7.8	100	3.9	100	104	12.8	123	7.7	123	188	37.2	198	151	29.8	198	198	198	
13	24	1.7	70	0.8	70	32	2.6	80	1.5	80	58	8.7	150	46	7.0	150	150	150	
14	19	1.3	70	0.7	70	25	2.0	80	1.2	80	45	6.7	150	36	5.4	150	150	150	
15	7	0.5	70	0.2	70	9	0.7	80	0.4	80	16	2.4	150	13	1.9	150	150	150	
16	43	4.8	110	2.4	110	58	7.9	136	4.7	136	104	22.3	214	84	17.9	214	214	214	
	767	63.6	83	31.8	83	1023	100.6	98	61.4	98	1852	315.6	170	1482	252.5	170	170	170	
FCT																			
3101	0	0.1		0	0.0	0	0.0		0	0.0	0	0.0		0	0.0				
2	213	35.6	167	17.8	167	284	57.7	203	34.6	203	515	164.7	320	412	131.8	320	320	320	
3	0	0.2		0	0.1	0	0.0		0	0.0	0	0.0		0	0.0				
4	0	0.2		0	0.1	0	0.0		0	0.0	0	0.0		0	0.0				
	213	36.1	169	18.0	169	284	57.7	203	34.6	203	515	164.7	320	412	131.8	320	320	320	

TABLE 20 PROJECTED URBAN WATER DEMAND (10/15)

LGA	1991						2000						2020										
	Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.		Popu.		Demand		Service Popu.		Demand				
	*1000	lcd	MLD	lcd	*1000	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd	*1000	lcd	MLD	lcd	
Kaduna																							
2201	56	70	3.9	70	28	70	75	80	6.0	80	45	80	3.6	80	135	80	20.3	150	108	150	16.2	150	
2	119	70	8.3	70	60	70	159	80	12.7	80	95	80	7.6	80	288	80	43.2	150	230	150	34.6	150	
3	179	70	12.5	70	89	70	239	80	19.1	80	143	80	11.5	80	432	80	64.8	150	346	150	51.8	150	
4	206	70	14.4	70	103	70	275	80	22.0	80	165	80	13.2	80	499	80	74.8	150	399	150	59.9	150	
5	151	83	12.5	83	76	83	202	99	19.9	99	121	99	11.9	99	365	99	62.1	170	292	170	49.7	170	
6	86	70	6.0	70	43	70	115	80	9.2	80	69	80	5.5	80	209	80	31.3	150	167	150	25.1	150	
7	338	173	58.5	173	169	173	451	218	98.3	218	271	218	59.0	218	817	218	277.7	340	653	340	222.2	340	
8	85	83	7.0	83	42	83	113	99	11.1	99	68	99	6.7	99	205	99	34.8	170	164	170	27.8	170	
9	51	70	3.6	70	26	70	68	80	5.5	80	41	80	3.3	80	124	80	18.6	150	99	150	14.8	150	
10	133	70	9.3	70	66	70	177	80	14.2	80	106	80	8.5	80	320	80	48.1	150	256	150	38.5	150	
11	112	70	7.9	70	56	70	150	80	12.0	80	90	80	7.2	80	271	80	40.7	150	217	150	32.5	150	
12	60	70	4.2	70	30	70	80	80	6.4	80	48	80	3.8	80	144	80	21.6	150	115	150	17.3	150	
13	277	154	42.7	154	139	154	370	187	69.1	187	222	187	41.5	187	669	187	197.5	295	535	295	158.0	295	
14	148	83	12.2	83	74	83	197	99	19.4	99	118	99	11.7	99	357	99	60.7	170	286	170	48.5	170	
15	213	103	21.9	103	106	103	284	125	35.5	125	171	125	21.3	125	515	125	105.0	204	412	204	84.0	204	
16	47	83	3.9	83	23	83	63	99	6.2	99	38	99	3.7	99	113	99	19.3	170	91	170	15.4	170	
17	102	70	7.1	70	51	70	136	80	10.9	80	82	80	6.5	80	246	80	37.0	150	197	150	29.6	150	
18	374	147	55.0	147	187	147	499	179	89.3	179	299	179	53.6	179	904	179	254.9	282	723	282	203.9	282	
	2737	106	291.0	106	1368	106	3652	128	466.9	128	2191	128	280.1	128	6614	128	1412.2	214	5291	214	1129.7	214	
Niger																							
2001	42	70	3.0	70	21	70	57	80	4.5	80	34	80	2.7	80	103	80	15.4	150	82	150	12.3	150	
2	157	132	20.7	132	78	132	210	162	33.9	162	126	162	20.4	162	379	162	96.4	254	304	254	77.1	254	
3	62	73	4.6	73	31	73	83	85	7.1	85	50	85	4.2	85	151	85	23.4	155	121	155	18.7	155	
4	44	70	3.1	70	22	70	59	80	4.7	80	35	80	2.8	80	106	80	15.9	150	85	150	12.8	150	
5	119	70	8.3	70	59	70	159	80	12.7	80	95	80	7.6	80	288	80	43.1	150	230	150	34.5	150	
6	27	70	1.9	70	13	70	36	80	2.9	80	21	80	1.7	80	65	80	9.7	150	52	150	7.8	150	
7	143	85	12.1	85	71	85	191	102	19.4	102	114	102	11.6	102	345	102	59.8	173	276	173	47.8	173	
8	21	70	1.5	70	11	70	28	80	2.3	80	17	80	1.4	80	51	80	7.7	150	41	150	6.1	150	
9	43	70	3.0	70	21	70	57	80	4.5	80	34	80	2.7	80	103	80	15.4	150	82	150	12.4	150	
10	100	118	11.8	118	50	118	133	143	19.0	143	80	143	11.4	143	242	143	55.6	230	193	230	44.5	230	
11	39	70	2.7	70	20	70	52	80	4.2	80	31	80	2.5	80	94	80	14.1	150	75	150	11.3	150	
12	62	70	4.4	70	31	70	83	80	6.7	80	50	80	4.0	80	151	80	22.7	150	121	150	18.1	150	
13	30	70	2.1	70	15	70	41	80	3.2	80	24	80	1.9	80	73	80	11.0	150	59	150	8.8	150	
14	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	
15	187	99	13.5	99	68	99	183	119	21.7	119	110	119	13.0	119	331	119	65.3	198	264	198	52.2	198	
16	65	73	4.8	73	32	73	86	85	7.4	85	52	85	4.4	85	157	85	24.3	155	125	155	19.4	155	
17	55	73	4.0	73	28	73	74	85	6.3	85	44	85	3.8	85	133	85	20.7	155	107	155	16.5	155	
18	23	70	1.6	70	11	70	31	80	2.5	80	18	80	1.5	80	56	80	8.3	150	44	150	6.7	150	
19	21	70	1.5	70	10	70	28	80	2.2	80	17	80	1.3	80	50	80	7.5	150	40	150	6.0	150	
	1191	88	104.5	88	595	88	1589	104	165.1	104	933	104	99.0	104	2878	104	516.4	179	2302	179	413.1	179	
Kwara																							
1701	41	74	3.0	74	20	74	55	86	4.7	86	33	86	2.8	86	99	86	15.5	156	79	156	12.4	156	
2	84	93	7.8	93	42	93	112	113	12.7	113	67	113	7.6	113	203	113	37.9	187	162	187	30.3	187	
3	62	70	4.4	70	31	70	83	80	6.7	80	50	80	4.0	80	151	80	22.6	150	121	150	18.1	150	
4	572	158	90.4	158	286	158	763	194	148.1	194	458	194	88.9	194	1882	194	417.4	302	1106	302	333.9	302	
5	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	
6	116	88	10.2	88	58	88	154	106	16.3	106	92	106	9.8	106	279	106	49.7	178	223	178	39.7	178	
7	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	
8	13	70	0.9	70	7	70	17	80	1.4	80	10	80	0.8	80	32	80	4.7	150	25	150	3.8	150	
9	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	
10	57	93	5.3	93	28	93	76	113	8.6	113	45	113	5.1	113	137	113	25.6	187	110	187	20.5	187	
11	12	70	0.8	70	6	70	15	80	1.2	80	9	80	0.7	80	28	80	4.2	150	22	150	3.4	150	
12	77	120	9.2	120	39	120	103	150	15.4	150	62	150	9.2	150	186	150	42.8	230	149	230	34.2	230	
	1033	128	132.0	128	517	128	1379	156	215.1	156	827	156	129.1	156	2497	156	620.4	248	1998	248	496.3	248	

TABLE 20 PROJECTED URBAN WATER DEMAND (11/15)

LGA	1991						2000						2020					
	Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.			
	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd
Bauchi	94	6.6	70	47	3.3	70	104	6.0	58	3.6	57	158	15.4	98	127	12.3	98	
2601	25	1.8	70	13	0.9	70	28	2.3	80	1.4	80	43	6.4	150	34	5.1	150	
2	13	0.9	70	7	0.5	70	15	1.2	80	0.7	80	22	3.4	150	18	2.7	150	
3	308	32.1	104	154	16.1	104	341	43.2	127	25.9	127	518	107.0	207	414	85.6	207	
4	34	2.4	70	17	1.2	70	38	3.0	80	1.8	80	57	8.6	150	46	6.9	150	
5	66	4.6	70	33	2.3	70	73	5.8	80	3.5	80	110	16.6	150	88	13.2	150	
6	5	0.4	70	3	0.2	70	6	0.5	80	0.3	80	9	1.3	150	7	1.1	150	
7	16	1.1	70	8	0.6	70	18	1.4	80	0.8	80	27	4.0	150	21	3.2	150	
8	72	5.1	70	36	2.5	70	80	6.4	80	3.9	80	122	18.3	150	97	14.6	150	
9	170	13.9	82	85	6.9	82	188	18.2	97	10.9	97	286	48.1	168	229	38.5	168	
10	51	3.6	70	26	1.8	70	57	3.3	57	2.0	58	86	8.4	98	59	6.7	97	
11	24	1.7	70	12	0.8	70	27	1.5	57	0.9	57	40	3.9	97	32	3.1	97	
12	113	9.2	82	56	4.6	82	125	12.1	97	7.3	97	190	31.9	168	152	25.6	168	
13	88	6.1	70	44	3.1	70	97	7.8	80	4.7	80	147	22.1	150	118	17.7	150	
14	19	1.3	70	9	0.7	70	21	1.7	80	1.0	80	31	4.7	150	25	3.8	150	
15	29	2.0	70	15	1.0	70	32	2.6	80	1.5	80	49	7.3	150	39	5.9	150	
16	97	6.8	70	49	3.4	70	108	8.6	80	5.2	80	164	24.5	150	131	19.6	150	
17	19	1.3	70	9	0.7	70	21	1.7	80	1.0	80	32	4.7	150	25	3.8	150	
18	22	1.5	70	11	0.8	70	24	1.9	80	1.1	80	36	5.4	150	29	4.3	150	
19	88	6.2	70	44	3.1	70	98	7.8	80	4.7	80	149	22.3	150	119	17.8	150	
20	66	4.6	70	33	2.3	70	74	4.2	58	2.5	58	112	10.9	98	89	8.7	98	
21	14	1.0	70	7	0.5	70	16	1.3	80	0.8	80	24	3.6	150	19	2.9	150	
22	62	4.4	70	31	2.2	70	69	4.0	57	2.4	57	105	10.2	97	84	8.2	97	
23	1496	118.6	79	748	59.3	79	1659	146.4	88	995	87.9	88	2516	389.2	155	2013	311.3	155

TABLE 20 PROJECTED URBAN WATER DEMAND (12/15)

LGA	1991						2000						2020					
	Demand		Service Popu. *1000	Demand		Service Popu. *1000	Demand		Service Popu. *1000	Demand		Service Popu. *1000	Demand		Service Popu. *1000	Demand		
	Popu. #1000	MLD		lcd	MLD		lcd	MLD		lcd	MLD		lcd	MLD		lcd	MLD	lcd
Yobe																		
2901	19	1.3	70	9	0.6	70	21	1.6	80	12	1.0	80	31	4.7	150	25	3.7	150
2	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
3	97	8.3	85	49	4.1	85	108	11.0	102	65	6.6	102	164	28.3	173	131	22.7	173
4	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
5	13	0.9	70	7	0.5	70	14	1.2	80	9	0.7	80	22	3.3	150	17	2.6	150
6	14	1.0	70	7	0.5	70	15	1.2	80	9	0.7	80	23	3.4	150	18	2.7	150
7	9	0.6	70	4	0.3	70	9	0.8	80	6	0.5	80	14	2.1	150	11	1.7	150
8	14	1.0	70	7	0.5	70	16	1.3	80	10	0.8	80	24	3.6	150	19	2.9	150
9	11	0.7	70	5	0.4	70	12	0.9	80	7	0.6	80	18	2.7	150	14	2.2	150
10	126	10.0	80	63	5.0	80	139	13.9	100	84	8.4	100	211	36.3	172	169	29.1	172
11	82	8.8	107	41	4.4	107	91	12.0	132	55	7.2	132	138	28.8	208	111	23.0	208
12	7	0.5	70	4	0.3	70	8	0.7	80	5	0.4	80	12	1.9	150	10	1.5	150
	391	33.1	85	196	16.5	85	434	44.5	103	260	26.7	103	658	115.2	175	526	92.2	175
Borno																		
3001	48	3.3	70	24	1.7	70	53	4.2	80	32	2.5	80	80	12.0	150	64	9.6	150
2	98	6.8	70	49	3.4	70	108	10.6	98	65	6.4	98	164	28.9	176	131	23.1	176
3	109	9.1	84	54	4.6	84	120	12.0	100	72	7.2	100	183	31.4	172	146	25.1	172
4	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
5	42	2.9	70	21	1.5	70	47	3.7	80	28	2.2	80	71	10.6	150	57	8.5	150
6	36	2.5	70	18	1.3	70	40	3.9	98	24	2.3	98	61	10.7	176	48	8.5	176
7	48	3.4	70	24	1.7	70	54	4.3	80	32	2.6	80	81	12.2	150	65	9.8	150
8	63	4.8	77	32	2.4	77	70	5.2	75	42	3.1	75	106	14.7	138	85	11.7	138
9	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
10	87	6.1	70	44	3.0	70	97	9.5	98	58	5.7	98	146	25.8	176	117	20.6	176
11	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
12	90	6.9	77	45	3.5	77	100	7.5	75	60	4.5	75	151	20.9	138	121	16.8	138
13	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
14	629	85.5	136	315	42.8	136	698	116.5	167	419	69.9	167	1058	278.3	263	847	222.7	263
15	76	5.3	70	38	2.6	70	84	8.2	98	50	4.9	98	127	22.4	176	102	17.9	176
16	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
17	75	5.8	77	38	2.9	77	83	6.2	75	50	3.7	75	126	17.5	138	101	14.0	138
18	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
19	63	4.4	70	32	2.2	70	70	6.8	98	42	4.1	98	106	18.7	176	85	14.9	176
20	57	4.0	70	29	2.0	70	64	5.1	80	38	3.1	80	96	14.5	150	77	11.6	150
21	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
	1520	150.9	99	760	75.5	99	1686	203.9	121	1012	122.3	121	2557	518.4	203	2046	414.7	203

TABLE 20 PROJECTED URBAN WATER DEMAND (13/15)

LGA	1991						2000						2020					
	Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.			
	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd
Kano																		
2701	11	0.8	70	6	0.4	70	12	1.0	80	7	0.6	80	19	2.8	150	15	2.3	150
2	10	0.7	70	5	0.4	70	11	0.9	80	7	0.5	80	17	2.5	150	14	2.0	150
3	27	1.9	70	13	0.9	70	29	2.4	80	18	1.4	80	45	6.7	150	36	5.4	150
4	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
5	69	6.0	88	34	3.0	88	76	8.0	105	46	4.8	105	116	20.5	178	93	16.4	177
6	12	0.8	70	6	0.4	70	13	1.1	80	8	0.6	80	20	3.0	150	16	2.4	150
7	496	68.4	138	248	34.2	138	550	92.4	168	330	55.5	168	834	223.6	268	668	178.9	268
8	82	5.7	70	41	2.9	70	91	7.3	80	55	4.4	80	138	20.7	150	110	16.6	150
9	95	8.3	87	48	4.2	87	106	11.1	105	63	6.7	105	160	28.4	177	128	22.7	177
10	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
11	59	4.1	70	30	2.1	70	66	5.3	80	39	3.2	80	100	14.9	150	80	12.0	150
12	15	1.0	70	7	0.5	70	16	1.3	80	10	0.8	80	25	3.7	150	20	3.0	150
13	23	1.6	70	11	0.8	70	25	2.0	80	15	1.2	80	38	5.7	150	31	4.6	150
14	60	5.2	88	30	2.6	88	66	6.9	105	40	4.2	105	100	17.8	178	80	14.2	178
15	48	3.4	70	24	1.7	70	54	4.3	80	32	2.6	80	81	12.2	150	65	9.8	150
16	9	0.6	70	4	0.3	70	10	0.8	80	6	0.5	80	14	2.2	150	12	1.7	150
17	404	77.2	191	202	38.6	191	448	104.9	234	269	62.9	234	680	248.1	365	544	198.5	365
18	23	1.6	70	12	0.8	70	26	2.0	80	15	1.2	80	39	5.8	150	31	4.7	150
19	168	17.3	103	84	8.7	103	186	23.3	125	112	14.0	125	283	57.7	204	226	46.1	204
20	91	8.0	87	46	4.0	87	101	10.6	105	61	6.4	105	153	27.2	178	123	21.8	178
21	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
22	52	3.6	70	26	1.8	70	58	4.6	80	35	2.8	80	87	13.1	150	70	10.5	150
23	464	64.0	138	232	32.0	138	515	86.5	168	309	51.9	168	781	209.2	268	625	167.4	268
24	15	1.1	70	8	0.5	70	17	1.4	80	10	0.8	80	26	3.9	150	21	3.1	150
25	48	3.4	70	24	1.7	70	54	4.3	80	32	2.6	80	81	12.2	150	65	9.8	150
26	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
27	8	0.6	70	4	0.3	70	9	0.7	80	6	0.4	80	14	2.1	150	11	1.7	150
28	16	1.1	70	8	0.6	70	18	1.4	80	11	0.9	80	27	4.0	150	22	3.2	150
29	13	0.9	70	7	0.5	70	15	1.2	80	9	0.7	80	23	3.4	150	18	2.7	150
30	16	1.1	70	8	0.5	70	17	1.4	80	10	0.8	80	26	3.9	150	21	3.1	150
31	22	1.6	70	11	0.8	70	25	2.0	80	15	1.2	80	38	5.7	150	30	4.5	150
32	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
33	166	17.1	103	83	8.5	103	184	23.0	125	110	13.8	125	279	57.0	204	223	45.6	204
34	92	8.1	88	46	4.0	88	102	10.7	105	61	6.4	105	155	27.5	178	124	22.0	178
Jigawa																		
2801	2615	315.3	121	1307	157.7	121	2900	422.7	146	1740	253.6	146	4399	1045.7	238	3519	836.6	238
2	54	3.8	70	27	1.9	70	60	4.8	80	36	2.9	80	91	13.6	150	73	10.9	150
3	117	8.2	70	59	4.1	70	130	10.4	80	78	6.2	80	197	29.6	150	158	23.7	150
4	89	7.5	85	44	3.8	85	99	10.0	102	59	6.0	102	149	25.9	173	120	20.7	173
5	10	0.7	70	5	0.4	70	11	0.9	80	7	0.5	80	17	2.6	150	14	2.1	150
6	48	4.2	88	24	2.1	88	54	5.6	105	32	3.4	105	81	14.5	177	65	11.6	177
7	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
8	20	1.4	70	10	0.7	70	22	1.7	80	13	1.0	80	33	4.9	150	26	4.0	150
9	92	8.1	88	46	4.0	88	102	10.8	106	61	6.5	106	155	27.6	178	124	22.0	178
10	100	7.0	70	50	3.5	70	111	8.9	80	67	5.3	80	168	25.2	150	135	20.2	150
11	15	1.0	70	8	0.5	70	17	1.3	80	10	0.8	80	25	3.8	150	20	3.0	150
12	49	3.4	70	24	1.7	70	54	4.3	80	32	2.6	80	82	12.3	150	66	9.9	150
13	18	1.2	70	9	0.6	70	20	1.6	80	12	0.9	80	30	4.5	150	24	3.6	150
14	11	0.8	70	5	0.4	70	12	1.0	80	7	0.6	80	18	2.7	150	15	2.2	150
15	18	1.3	70	9	0.6	70	20	1.6	80	12	1.0	80	30	4.5	150	24	3.6	150
16	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
17	19	1.4	70	10	0.7	70	21	1.7	80	13	1.0	80	32	4.9	150	26	3.9	150
18	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
19	99	6.9	70	50	3.5	70	110	8.8	80	66	5.3	80	167	25.0	150	134	20.0	150
20	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
21	44	3.1	70	22	1.5	70	49	3.9	80	29	2.3	80	74	11.1	150	59	8.9	150
22	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	815	60.9	75	407	30.4	75	903	78.4	87	542	47.0	87	1370	215.6	157	1096	172.5	157

TABLE 20 PROJECTED URBAN WATER DEMAND (14/15)

LGA	1991						2000						2020					
	Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.		Demand		Service Popu.			
	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	*1000	MLD	lcd	
Katsina																		
2301	127	78	63	4.9	78	139	12.8	92	83	7.7	92	208	33.8	162	167	27.0	162	
2	0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0.0	
3	58	75	29	2.2	75	64	5.6	88	38	3.3	88	96	15.1	158	76	12.0	157	
4	58	78	29	2.2	78	63	5.8	92	38	3.5	92	95	15.4	162	76	12.3	162	
5	170	84	85	7.1	84	186	18.6	100	112	11.2	100	280	48.2	172	224	38.6	172	
6	0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0.0	
7	78	75	39	2.9	75	85	7.5	88	51	4.5	88	129	20.2	158	103	16.2	158	
8	0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0.0	
9	39	70	19	1.4	70	42	3.4	80	25	2.0	80	64	9.5	150	51	7.6	150	
10	131	84	65	5.5	84	143	14.3	100	86	8.6	100	215	37.0	172	172	29.6	172	
11	44	75	22	1.7	75	48	4.2	88	29	2.5	88	73	11.4	158	58	9.1	158	
12	51	75	26	1.9	75	56	4.9	87	34	2.9	87	84	13.3	158	68	10.6	158	
13	20	70	10	0.7	70	22	1.8	80	13	1.1	80	33	4.9	150	26	4.0	150	
14	33	70	17	1.2	70	36	2.9	80	22	1.7	80	55	8.2	150	44	6.6	150	
15	70	75	35	2.6	75	76	6.7	87	46	4.0	87	115	18.1	157	92	14.5	157	
16	306	149	153	22.8	149	335	61.0	182	201	36.6	182	504	143.7	285	403	115.0	285	
17	0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0.0	
18	125	75	63	4.7	75	137	12.0	87	82	7.2	87	206	32.5	158	165	26.0	157	
19	0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0.0	
20	48	75	24	1.8	75	53	4.6	88	32	2.8	88	79	12.5	158	63	10.0	157	
21	75	75	38	2.8	75	82	7.2	87	49	4.3	87	124	19.5	157	99	15.6	158	
22	64	75	32	2.4	75	71	6.2	88	42	3.7	88	106	16.7	158	85	13.4	158	
23	0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0.0	
24	116	77	58	4.4	77	127	11.4	90	76	6.9	90	191	30.5	160	153	24.4	160	
25	41	70	20	1.4	70	45	3.6	80	27	2.1	80	67	10.1	150	54	8.1	150	
26	86	75	43	3.2	75	94	8.2	88	56	4.9	88	141	22.2	158	113	17.8	158	
	1738	155.8	90	869	77.9	90	1905	202.6	106	1143	121.6	106	2864	522.8	183	2292	418.3	183

TABLE 20 PROJECTED URBAN WATER DEMAND (15/15)

LGA	1991				2000				2020								
	Demand		Service Popu. *1000	Demand	Demand		Service Popu. *1000	Demand	Demand		Service Popu. *1000	Demand					
	MLD	lcd		MLD	lcd		MLD	lcd	MLD	lcd		MLD	lcd				
Kebbi																	
1601	13	0.9	70	7	0.5	70	14	1.2	80	9	0.7	80	3.3	150	17	2.6	150
2	125	9.6	77	62	4.8	77	137	12.3	90	82	7.4	90	32.9	160	165	26.3	160
3	15	1.1	70	8	0.5	70	17	1.4	80	10	0.8	80	3.8	150	20	3.0	150
4	121	12.7	105	60	6.3	105	132	16.9	128	79	10.1	127	41.3	207	159	33.0	208
5	12	0.8	70	6	0.4	70	13	1.1	80	8	0.6	80	3.0	150	16	2.4	150
6	62	4.3	70	31	2.2	70	68	5.4	80	41	3.2	80	15.2	150	81	12.2	150
7	44	3.1	70	22	1.5	70	48	3.9	80	29	2.3	80	10.9	150	58	8.7	150
8	20	1.4	70	10	0.7	70	22	1.8	80	13	1.1	80	5.0	150	27	4.0	150
9	0	0.0		0	0.0		0	0.0		0	0.0		0.0		0	0.0	
10	11	0.8	70	6	0.4	70	12	1.0	80	7	0.6	80	2.8	150	15	2.3	150
11	62	4.3	70	31	2.2	70	68	5.4	80	41	3.3	80	15.3	150	82	12.3	150
12	69	4.8	70	34	2.4	70	75	6.0	80	45	3.6	80	17.0	150	91	13.6	150
13	10	0.7	70	5	0.3	70	11	0.9	80	7	0.5	80	2.4	150	13	2.0	150
14	29	2.0	70	15	1.0	70	32	2.6	80	19	1.5	80	7.2	150	38	5.8	150
15	54	3.7	70	27	1.9	70	59	4.7	80	35	2.8	80	13.2	150	71	10.6	150
16	11	0.7	70	5	0.4	70	12	0.9	80	7	0.6	80	2.6	150	14	2.1	150
	658	51.1	78	329	25.5	78	721	65.3	91	432	39.2	91	176.1	162	867	140.9	162
Sokoto																	
1501	27	1.9	70	14	1.0	70	30	2.4	80	18	1.4	80	6.7	150	36	5.4	150
2	57	4.2	74	28	2.1	74	62	5.3	86	37	3.2	86	14.5	156	74	11.6	156
3	78	5.4	70	39	2.7	70	85	6.8	80	51	4.1	80	19.2	150	102	15.3	150
4	59	4.1	70	30	2.1	70	65	5.2	80	39	3.1	80	14.6	150	78	11.7	150
5	61	4.3	70	31	2.1	70	67	5.4	80	40	3.2	80	15.1	150	81	12.1	150
6	42	2.9	70	21	1.5	70	46	3.7	80	28	2.2	80	10.4	150	55	8.3	150
7	33	2.3	70	17	1.2	70	36	2.9	80	22	1.8	80	8.2	150	44	6.6	150
8	0	0.0		0	0.0		0	0.0		0	0.0		0.0		0	0.0	
9	208	24.4	118	104	12.2	118	228	32.5	143	137	19.5	142	78.8	230	274	63.1	230
10	70	5.2	74	35	2.6	74	77	6.6	86	46	4.0	86	18.0	156	92	14.4	156
11	53	3.7	70	26	1.8	70	58	4.6	80	35	2.8	80	13.1	150	70	10.4	150
12	73	5.1	70	37	2.6	70	80	6.4	80	48	3.9	80	18.1	150	97	14.5	150
13	157	13.4	85	79	6.7	85	172	17.5	102	103	10.5	102	44.9	173	207	35.9	173
14	67	5.7	85	34	2.9	85	74	7.5	102	44	4.5	102	19.2	173	89	15.4	173
15	52	3.7	70	26	1.8	70	57	4.6	80	34	2.8	80	13.0	150	69	10.4	150
16	9	0.6	70	4	0.3	70	10	0.8	80	6	0.5	80	2.2	150	12	1.7	150
17	14	1.0	70	7	0.5	70	15	1.2	80	9	0.7	80	3.4	150	18	2.7	150
18	24	1.7	70	12	0.8	70	26	2.1	80	16	1.3	80	5.9	150	32	4.7	150
19	270	40.2	149	135	20.1	149	296	53.9	182	178	32.3	182	126.8	285	356	101.5	285
20	70	5.2	74	35	2.6	74	77	6.6	86	46	4.0	86	18.0	156	92	14.4	156
21	58	4.0	70	29	2.0	70	63	5.1	80	38	3.0	80	14.2	150	76	11.4	150
22	13	0.9	70	6	0.4	70	14	1.1	80	8	0.7	80	3.1	150	17	2.5	150
23	82	6.1	74	41	3.0	74	90	7.7	86	54	4.6	86	21.1	156	108	16.9	156
24	77	6.5	85	38	3.3	85	84	8.6	102	51	5.1	102	21.9	173	101	17.6	173
25	48	3.6	74	24	1.8	74	53	4.5	86	32	2.7	86	12.3	156	63	9.9	156
26	62	4.4	70	31	2.2	70	68	5.5	80	41	3.3	80	15.4	150	82	12.3	150
27	69	4.8	70	35	2.4	70	76	6.1	80	46	3.6	80	17.1	150	91	13.7	150
28	20	1.4	70	10	0.7	70	22	1.8	80	13	1.1	80	5.0	150	27	4.0	150
29	12	0.8	70	6	0.4	70	13	1.1	80	8	0.6	80	3.0	150	16	2.4	150
	1866	167.6	90	933	83.8	90	2045	217.3	106	1227	130.4	106	563.5	183	2460	450.8	183