



**BIHAR STATE POLLUTION CONTROL BOARD**  
**PriveshBhawan, NSB-2, Patliputra Industrial Area**  
**Patliputra, Patna – 800 010**

Water Quality Status of River Ganga and its Tributaries during the Year (2018-2019)  
 Excluding Rainy Season(August to October)

Sl. No.	Sampling Point		pH	D.O.	B.O.D.	T.C.	F.C.	Designated best use
				mg/L	mg/L	MPN/100ml	MPN/100ml	
1	Ganga at Chausakarmnasa D/S Confluence , Buxar	Minimum	7.25	7.4	1.5	6300	2600	Class-D
		Maximum	8.23	9.8	2.3	29000	21000	
		Average	7.82	8.55	1.77	13787	8600	
2	Ganga at Ramrekhaghat, Buxar. Dist. - Buxar	Minimum	7.47	7.2	1.7	7000	3300	Class-D
		Maximum	8.20	9.6	2.8	35000	17000	
		Average	7.85	8.16	2.28	16500	6925	
3	Ganga at D/S Buxar near Road Bridge. Dist. - Buxar	Minimum	7.22	7.0	1.7	7000	3100	Class-D
		Maximum	8.21	9.6	2.6	15000	7900	
		Average	7.86	8.17	2.18	11700	6087	
4	Ganga River at Jail Ghat, Buxar	Minimum	7.18	7.2	1.7	7000	3100	Class-D
		Maximum	8.29	9.5	2.5	29000	21000	
		Average	7.79	8.3	2.06	14175	8312	
5	Ganga at Ara - ChhapraNear Road Bridge Ara, Dist. Bhojpur.	Minimum	7.30	7.7	1.5	3800	1700	Class-C
		Maximum	7.94	9.1	2.0	4600	2100	
		Average	7.63	8.4	1.71	4228	1971	
6	Ganga River at water intake point Mauzampur Block, Barhara, Dist- Bhojpur, Area	Minimum	7.35	7.8	1.4	3300	1700	Class-C
		Maximum	8.03	9.2	1.9	4700	2200	
		Average	7.72	8.55	1.58	4142	2014	
7	Ganga at Danapur near Pipapul. Dist. - Patna	Minimum	7.44	7.5	1.3	5500	2600	Class-D
		Maximum	8.30	9.4	2.4	15000	7000	
		Average	7.74	8.35	1.8	8355	4077	
8	Ganga at U/S Patna, Kurji. Dist. - Patna	Minimum	7.21	7.2	1.5	5800	2600	Class-D
		Maximum	8.20	9.5	2.5	14000	7900	
		Average	7.72	8.18	1.94	8922	4288	
9	Ganga River at GulabiGhat, Patna	Minimum	7.31	6.7	2.2	6800	3100	Class-D
		Maximum	8.25	8.5	2.7	29000	21000	
		Average	7.80	7.8	2.51	15088	7955	
10	Ganga at Gandhighat, NIT, Patna	Minimum	7.08	7.0	1.9	11000	4000	Class-D
		Maximum	8.21	8.8	2.6	35000	26000	
		Average	7.72	7.90	2.33	21222	10244	
11	Ganga at D/S Patna, Gaighat Dist. Patna.	Minimum	7.42	6.6.	2.0	11000	4000	Class-D
		Maximum	8.20	8.8	2.8	29000	21000	
		Average	7.79	7.9	2.36	18666	11700	
12	Ganga at Malsalami, Patna City Dist. - Patna	Minimum	6.9	7.2	1.5	5500	2600	Class-D
		Maximum	8.23	9.5	2.4	7000	3600	
		Average	7.64	8.28	1.53	6433	3044	

13	Ganga Before Confluence of Punpun River at TrveniGhatFatuha, Patna Dist. - Patna.	Minimum	6.34	7.0	1.7	14000	6100	Class-D
		Maximum	8.16	9.5	2.5	35000	21000	
		Average	7.54	8.05	1.94	20222	10022	
14	Ganga at Kewalaghat, Fatuha Dist.- Patna	Minimum	6.40	6.6	2.2	6100	2600	Class-D
		Maximum	8.13	8.5	2.7	7000	4500	
		Average	7.39	7.5	2.44	6588	3211	
15	Ganga at KachchiDargah-Bidupur Road Bridge, Dist-Patna	Minimum	7.10	7.4	1.2	5500	2600	Class-D
		Maximum	8.21	9.6	2.2	7000	3600	
		Average	7.74	8.5	1.7	6222	3011	
16	Ganga at Bakhtiyarpur-Tajpur Road Bridge near Athamalgola, Dist-Patna	Minimum	6.35	7.3	1.3	5500	2600	Class-D
		Maximum	8.15	10.0	2.5	7000	4600	
		Average	7.63	8.57	1.9	6557	3257	
17	Ganga at U/S Mokama, MahadeoAsthan Dist.- Patna.	Minimum	7.09	7.4	1.9	7000	3100	Class-D
		Maximum	8.36	9.4	2.4	15000	7000	
		Average	7.68	8.11	2.11	10575	5275	
18	Ganga at D/S Mokama near Rajendra Bridge, SimariaGhat Patna	Minimum	7.28	7.0	2.4	14000	6100	Class-D
		Maximum	8.40	8.0	2.6	32000	21000	
		Average	7.68	7.54	2.52	22571	13171	
19	Ganga at UmanathGhatBarh Dist.- Patna	Minimum	7.13	7.0	1.6	6300	3100	Class-D
		Maximum	8.40	9.8	2.4	13000	7900	
		Average	7.58	8.25	1.94	8900	3971	
20	Ganga U/S of NTPC Water intake Point, Barh Dist.- Patna	Minimum	6.92	7.2	1.7	5500	2600	Class-D
		Maximum	8.28	9.6	2.5	11000	4500	
		Average	7.63	8.2	2.0	7228	3428	
21	Ganga D/S of NTPC Water intake Point, Barh Dist.- Patna	Minimum	6.98	7.0	1.8	7000	3100	Class-D
		Maximum	8.37	9.3	2.5	13000	7900	
		Average	7.65	8.08	2.08	10714	4857	
22	Ganga at Barahiya, NepalyTola, Maranchi Dist. - Lakhisarai	Minimum	7.29	7.2	1.4	11000	4000	Class-D
		Maximum	8.39	9.1	2.3	14000	12000	
		Average	7.83	8.1	1.9	11857	5871	
23	Ganga at U/S Munger near Kasthharinighat. Dist.- Munger	Minimum	6.76	7.0	1.5	6300	2600	Class-D
		Maximum	8.09	10.2	2.4	32000	21000	
		Average	7.75	8.55	2.06	16787	8900	
24	Ganga at D/S Munger near Crematorium Ghat Dist. - Munger	Minimum	6.87	7.4	1.7	7000	3800	Class-D
		Maximum	8.16	10.1	2.6	35000	21000	
		Average	7.81	8.46	2.32	19875	11375	
25	Ganga at U/S Sultanganj, AجاibiNath Dist.- Bhagalpur	Minimum	6.96	7.4	1.5	7000	3800	Class-D
		Maximum	8.18	10.0	2.3	29000	21000	
		Average	7.82	8.45	1.97	15950	9800	
26	Ganga at D/S Sultanganj at Cremation ghat Dist.- Bhagalpur	Minimum	7.05	6.9	1.8	7000	3800	Class-D
		Maximum	8.20	9.8	2.8	32000	21000	
		Average	7.88	8.21	2.32	19000	10362	

27	Ganga River at Champa Nagar, Bhagalpur. Dist.- Bhagalpur	Minimum	7.02	7.6	1.5	9300	4000	Class-D
		Maximum	8.13	9.7	2.3	22000	11000	
		Average	7.76	8.75	1.82	13228	6657	
28	Ganga at D/S Bhagalpur near Bararighat. Dist.- Bhagalpur	Minimum	7.29	7.3	2.0	7000	3800	Class-D
		Maximum	8.17	8.5	2.7	29000	21000	
		Average	7.78	7.92	2.3	19000	11975	
29	U/S Ganga at Bhagalpur kuppaghat Dist.- Bhagalpur	Minimum	7.05	7.5	1.4	6300	2600	Class-D
		Maximum	8.08	9.0	2.4	32000	21000	
		Average	7.65	8.25	1.88	15112	8487	
30	Ganga at Kahalgaon near Jahajghat. Dist.- Bhagalpur	Minimum	7.17	7.7	1.6	7000	3800	Class-D
		Maximum	8.05	9.5	2.2	22000	11000	
		Average	7.75	8.47	1.91	12750	5862	
31	Ganga D/S at Kahalgaon near Cremation Ghat.	Minimum	7.54	7.4	1.9	11000	4000	Class-D
		Maximum	8.05	9.3	2.6	29000	21000	
		Average	7.85	8.08	2.27	16500	9787	
32	Ganga at the Confluence of Sone River at Doriganj, Chapra. Dist. - Saran	Minimum	7.23	7.8	1.7	6300	3100	Class-D
		Maximum	8.01	9.8	2.0	35000	13000	
		Average	7.66	8.48	1.88	13185	4957	
33	Ganga River near maaAmbikaSthan, Aami, Dist-Saran	Minimum	7.17	7.1	2.1	13000	6100	Class-D
		Maximum	8.76	9.7	2.6	29000	21000	
		Average	7.84	8.01	2.31	18285	10728	
34	Ghaghara at Chapra near Ribilganj.nearMangh Dist.- Saran	Minimum	6.55	7.7	1.5	4000	2100	Class-D
		Maximum	8.26	9.8	2.6	22000	11000	
		Average	7.59	8.63	1.87	9675	4562	
35	Sone River at Banzari near Sun Temple. Dist.- Rohtas	Minimum	7.16	8.5	1.3	4000	1700	Class-C
		Maximum	8.26	9.6	1.6	5800	3300	
		Average	7.72	8.87	1.46	4375	2100	
36	Sone at Indrapuri Dam, Dehri-on-Sone. Dist.- Rohtas	Minimum	7.36	8.3	1.1	4000	1700	Class-D
		Maximum	8.18	9.4	2.0	7000	3600	
		Average	7.70	8.76	1.63	5350	2700	
37	Sone River at Dehri-on-Sone Bridge, Dist- Rohtas.	Minimum	7.05	7.6	1.7	4000	1700	Class-D
		Maximum	8.13	8.9	2.3	7000	6800	
		Average	7.70	8.4	2.03	5825	3100	
38	Sone at Nasiriganj Dam. Dist.- Rohtas	Minimum	7.48	8.2	1.8	6300	2600	Class-D
		Maximum	8.48	9.0	2.4	11000	4000	
		Average	7.78	8.56	2.06	9412	3600	
39	Sone River at Bahiyara.Dist.- Bhojpur	Minimum	7.26	7.7	1.5	4600	1700	Class-D
		Maximum	8.05	9.5	1.9	13000	7900	
		Average	7.58	8.52	1.74	6614	3428	
40	Sone at Koelwar near Mandir. Dist.- Bhojpur	Minimum	7.17	7.5	1.5	6300	2600	Class-D
		Maximum	8.02	9.3	2.4	29000	21000	
		Average	7.55	8.35	1.96	14912	7612	

41	Gandak River at Sonepur near Hariharnath Temple. Dist.- Saran	Minimum	6.43	7.4	2.0	11000	4000	Class-D
		Maximum	8.50	9.2	2.6	35000	13000	
		Average	7.68	8.13	2.28	18125	7850	
42	KonharaGhat at Hajipur,D/S Gandak River. Dist. – Vaishali.	Minimum	6.90	7.5	1.5	4600	1700	Class-D
		Maximum	8.55	9.1	2.5	54000	24000	
		Average	7.73	8.32	2.05	13250	6000	
43	Road Bridge on Gandak River at Hajipur U/S Gandak River. Dist. –Vaishali.	Minimum	6.90	7.8	1.5	4000	2100	Class-D
		Maximum	8.50	9.3	2.2	28000	13000	
		Average	7.70	8.47	1.81	9412	4425	
44	Gandak River at Rewaghat, near Road Bridge, Dist.- Muzaffarpur	Minimum	7.62	7.8	1.7	4000	1700	Class-D
		Maximum	8.44	9.2	1.9	9300	6800	
		Average	7.94	8.38	1.81	6114	3128	
45	Gandak at Dumariaghat, Gopalganj-PipraKothi Road Bridge. Dist.- Gopalganj	Minimum	7.58	7.7	1.5	4000	1700	Class-D
		Maximum	8.12	9.5	2.1	11000	7800	
		Average	7.92	8.5	1.7	6014	3071	
46	BudhiGandak at Lalbagia, Motihari-Dhaka Road, Dist- East Champaran.	Minimum	7.09	7.3	1.5	4600	2100	Class-D
		Maximum	9.06	8.7	2.5	14000	7900	
		Average	7.96	7.96	2.16	8650	4375	
47	BurhiGandak at Akharaghat near Road Bridge, Dist. - Muzaffarpur.	Minimum	7.59	7.9	1.7	6100	2600	Class-D
		Maximum	8.34	10.0	2.8	11000	4000	
		Average	7.90	8.8	2.2	7242	3342	
48	U/S BurhiGandak at NH-Road Bridge near Zero mile , Dist. - Muzaffarpur.	Minimum	7.46	8.0	1.3	5500	3100	Class-D
		Maximum	8.28	10.2	2.1	11000	4500	
		Average	7.85	9.07	1.72	7328	3528	
49	BurhiGandak at Samastipur NH Road Bridge near Magardahighat Dist.- Samastipur	Minimum	7.10	7.9	1.3	5800	3100	Class-D
		Maximum	8.22	10.0	2.3	11000	6800	
		Average	7.76	9.36	1.73	7733	3933	
50	BudhiGandak at Khagaria Road Bridge, Dist- Khagaria.	Minimum	7.27	7.7	1.7	4000	2100	Class-D
		Maximum	8.43	9.6	2.6	7000	4500	
		Average	7.69	8.25	2.18	6112	3175	
51	Daha River at Rajendra Road Bridge, Siwan. Dist.- Siwan	Minimum	7.23	0.0	2.4	11000	4000	Class-D
		Maximum	7.46	8.5	5.0	160000	92000	
		Average	7.36	4.37	3.34	38285	21285	
52	Daha River at Itwa Bridge, Meerganj-Gopalganj Road Bridge Dist.-Gopalganj.	Minimum	7.31	5.5	2.0	4000	1700	Class-D
		Maximum	8.06	9.2	2.9	13000	7900	
		Average	7.71	8.08	2.41	7314	3928	
53	Daha River at Badarjimi Bazar, Meerganj Dist.- Siwan	Minimum	7.34	6.0	2.3	4600	2100	Class-D
		Maximum	8.45	9.4	2.8	92000	17000	
		Average	7.82	7.91	2.44	18428	5028	
54	U/S Daha River at Sasamusa, before Sugar Mill.	Minimum	6.72	7.4	2.3	7000	3100	Class-D
		Maximum	7.49	8.6	2.6	11000	4000	
		Average	7.19	7.83	2.43	9666	3700	

55	D/S Daha River at Sasamusa after Sugar Mill near Road Bridge. Dist.-Gopalganj.	Minimum	7.45	6.4	2.6	13000	6100	Class-D
		Maximum	7.52	7.2	2.8	14000	7900	
		Average	7.49	6.76	2.7	13666	4700	
56	Punpun River at Patna-Fatuha Road Bridge, Fatuha Dist.- Patna	Minimum	6.42	0.0	2.8	6300	2600	Class-D
		Maximum	7.96	7.2	8.0	11000	8300	
		Average	7.27	3.03	4.84	9922	4222	
57	Punpun River at Punpun near Rail Bridge Dist.- Patna	Minimum	7.12	7.2	2.4	4000	1700	Class-D
		Maximum	8.38	8.6	2.7	11000	6800	
		Average	7.62	7.66	2.56	8025	3537	
58	Punpun River at Kinzer near Road Bridge Dist.- Jehanabad.	Minimum	7.39	8.7	1.4	5800	2600	Class-D
		Maximum	8.34	10.5	1.9	7000	4500	
		Average	7.90	9.37	1.63	6412	3250	
59	Sikrahna River near Chanpatia Road Bridge, Chanpatia Dist.- East Champaran	Minimum	6.90	0.0	2.5	6300	1700	Class-D
		Maximum	7.69	8.1	95	14000	7900	
		Average	7.29	5.48	13.0	10066	4455	
60	Sikrahna River at LalParsa, near Sugauli-Raxaul Road Bridge Dist.- East Champaran	Minimum	6.69	2.5	1.8	6300	2600	Class-D
		Maximum	8.16	9.0	4.0	15000	7000	
		Average	7.66	6.65	2.65	10733	4588	
61	Sikrahna River at Lawri- Harinagar Road Bridge Dist.- west Champaran	Minimum	5.62	0.0	1.8	7000	3800	Class-D
		Maximum	8.14	9.0	95	29000	21000	
		Average	7.33	6.15	13.68	13666	5444	
62	Sikrahna River at Lawri- Narkatiaganj Road Bridge West Champaran.	Minimum	7.17	0.0	1.9	6300	2600	Class-D
		Maximum	7.72	8.6	135	22000	11000	
		Average	7.37	5.43	18.14	13177	6400	
63	U/S Harbora River before Sugar Mill, near Road Bridge, Narkatiaganj Dist.- west Champaran	Minimum	6.28	6.4	1.5	6300	2600	Class-D
		Maximum	8.13	9.5	2.6	15000	7800	
		Average	7.42	7.45	2.16	10255	4811	
64	D/S Harbora River at Narkatiaganj, near Rly. Bridge Dist.- west Champaran	Minimum	5.54	0.0	2.6	11000	4000	Class-D
		Maximum	8.02	7.5	125	29000	21000	
		Average	6.84	4.44	17.78	19666	11577	
65	U/S Ramrekha River at Harinagar Dist.- west Champaran	Minimum	6.67	1.5	2.6	6300	2600	Class-D
		Maximum	7.73	6.0	8.4	9300	6800	
		Average	7.10	4.76	3.46	7122	3666	
66	D/S Ramrekha River at Harinagar Dist.- west Champaran	Minimum	6.09	0.0	2.9	7000	3100	Class-D
		Maximum	7.71	5.0	12.0	14000	12000	
		Average	6.85	3.63	4.26	10333	5677	
67	U/S Kohra River at Rajghat, Manjholia Dist.- West Champaran.	Minimum	6.86	4.9	1.6	7000	3100	Class-D
		Maximum	7.95	9.5	2.8	14000	7900	
		Average	7.48	7.58	2.2	10366	5433	
68	D/S Kohra River at Rajghat, Manjholia Dist.- West Champaran.	Minimum	5.69	0.0	2.2	11000	4000	Class-D
		Maximum	8.26	8.9	8.0	35000	21000	
		Average	7.18	5.8	4.24	16444	8344	

69	Sirsia River near Raxaul-Beerganj Check Post, Road Bridge, Raxaul Dist.- East Champaran	Minimum	6.89	0.0	6.0	7000	3100	Class-D
		Maximum	7.47	0.0	14.0	29000	21000	
		Average	7.20	0.0	10.25	14875	8625	
70	D/S Sirsia River at Koriatola, near Temple, Raxaul Dist.- East Champaran	Minimum	6.95	0.0	8.0	15000	6100	Class-D
		Maximum	7.57	0.0	12.0	32000	21000	
		Average	7.20	0.0	9.25	22750	13887	
71	Kamala River at Benipatti, Madhubani Dist.- Madhubani	Minimum	6.48	5.5	1.8	5500	2600	Class-D
		Maximum	8.08	9.8	2.7	15000	7000	
		Average	7.57	8.3	2.16	7933	3983	
72	Kamala River at Gausaghat, Dist.- Darbhanga.	Minimum	7.01	0.7	1.5	4600	2600	Class-D
		Maximum	7.98	9.8	6.0	7000	4500	
		Average	7.48	6.15	3.11	6333	3033	
73	Kamla River at Jeewachghat Dist.- Darbhanga.	Minimum	6.78	6.0	1.8	4000	1700	Class-D
		Maximum	7.80	10.0	2.8	13000	7900	
		Average	7.47	7.62	2.34	8400	4000	
74	Kamala River at Kamala ghat, Jaynagar Dist.- Madhubani	Minimum	7.43	8.1	1.4	4000	1700	Class-D
		Maximum	8.11	10.0	2.1	11000	6100	
		Average	7.8	9.0	1.68	7116	3466	
75	Bagmati River at Muzaffarpur, Sitamarhi Road Bridge near JanarBedor Dist.-Sitamarhi.	Minimum	6.73	7.1	1.5	4000	1700	Class-D
		Maximum	8.30	8.9	2.3	13000	7900	
		Average	7.60	8.07	1.95	6300	3214	
76	Bagmati River at Darbhanga-Samastipur Road Bridge, near Hanuman Nagar. Dist.-Darbhanga.	Minimum	7.32	6.0	1.9	6100	2600	Class-D
		Maximum	8.25	10.0	2.5	11000	4500	
		Average	7.79	8.7	2.05	7250	3400	
77	Bagmati River (2 <sup>nd</sup> Stream) U/S Darbhanga Dist.- Darbhanga	Minimum	7.13	7.0	1.8	4000	1700	Class-D
		Maximum	7.85	8.9	4.2	22000	17000	
		Average	7.51	7.98	2.5	8957	5000	
78	Bagmati River (2 <sup>nd</sup> Stream) D/S Darbhanga Dist.- Darbhanga	Minimum	7.05	6.9	2.1	6300	2600	Class-D
		Maximum	7.85	8.5	4.5	26000	21000	
		Average	7.50	7.7	2.74	11185	6171	
79	Koshi River at Kurshela Bridge, Katihar Dist.- Katihar	Minimum	7.02	6.0	1.6	4000	2100	Class-D
		Maximum	8.72	9.2	2.5	17000	13000	
		Average	7.70	7.97	1.97	7000	4085	
80	Koshi River at Gumatipur, Madhepura Dist.- Madhepura	Minimum	7.14	7.2	1.5	4000	2100	Class-D
		Maximum	7.76	9.0	2.5	7900	4900	
		Average	7.45	8.07	1.98	6271	3114	
81	Koshi River at Beerpur Dist.- Supaul	Minimum	7.16	7.4	1.5	4000	2100	Class-D
		Maximum	8.21	10.5	2.3	7000	3100	
		Average	7.52	8.47	1.9	5600	2471	
82	U/S Manusmar River at Bakhari, Riga Dist.- Sitamarhi	Minimum	6.41	6.5	1.3	5800	2600	Class-D
		Maximum	8.26	9.0	2.5	14000	11000	
		Average	7.42	8.05	1.92	8771	4371	

83	D/S Manusmar River at Uphraulia, Riga. Dist.- Sitamarhi	Minimum	6.32	4.6	2.0	7000	3100	Class-D
		Maximum	7.87	8.2	6.0	26000	21000	
		Average	7.22	6.48	3.11	15285	9442	
84	Dhos River at Madhuvapur (Saharghat) Dist. -Madhubani	Minimum	6.86	6.0	1.9	6300	2600	Class-D
		Maximum	7.95	8.7	5.6	7000	4500	
		Average	7.57	7.46	2.91	6583	3316	
85	Mahananda River at Thakurganj- Kishanganj Road Bridge Dist.- Kishanganj.	Minimum	7.26	7.3	1.8	4000	2100	Class-D
		Maximum	8.16	8.9	2.1	7000	4000	
		Average	7.54	8.2	1.9	5757	2900	
86	Parmar River at Jogbani Dist.- Araria	Minimum	7.04	7.0	1.4	4600	2100	Class-D
		Maximum	8.39	10.0	2.6	6800	4500	
		Average	7.45	7.95	2.2	5828	2842	
87	Kawar Lake at Manghoul, Begusarai Dist.- Begusarai	Minimum	7.20	9.1	2.4	11000	4000	Class-D
		Maximum	8.51	14.8	2.9	14000	7000	
		Average	7.76	10.32	2.73	11750	4900	
88	Dighi Talab at Gaya near Kachhari Dist.- Gaya	Minimum	7.01	7.3	2.5	11000	4000	Class-D
		Maximum	8.37	9.1	2.9	35000	22000	
		Average	7.61	8.2	2.76	17111	9022	
89	SurajKund Talab at Gaya near Vishnupad, Temple Dist.- Gaya	Minimum	7.05	7.2	2.2	6300	2600	Class-D
		Maximum	8.30	9.8	2.9	22000	17000	
		Average	7.69	8.57	2.6	10700	5300	
90	Motijheel Lake at Motihari near Gayatri, Mandiri Dist.- East Chanparan	Minimum	7.26	8.0	2.3	11000	4000	Class-D
		Maximum	9.97	12.6	3.5	14000	11000	
		Average	8.38	10.03	2.73	12444	6333	
91	Sikandarpur Lake, Dist.-Muzaffarpur.	Minimum	7.30	7.8	2.0	7000	3100	Class-D
		Maximum	8.68	10.5	3.0	21000	17000	
		Average	7.94	9.31	2.7	12285	6028	