

# MORBIDITY CLASSIFIED ACCORDING TO AGE, SEX AND MONTH\*

*At Severance Hospital During 1933*

by

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During the whole of 1933 a card was filled out for each patient attending the out-patient and in-patient service of the Severance Hospital in Seoul, Korea. These cards were sent to Shanghai and charts were made giving the above information in tabulated form. Final reports were made showing the age sex distribution throughout the whole year. The record for the whole year is printed to supplement my previous report on "Morbidity among Koreans in the Seoul Area." In addition, monthly reports have been used to give the distribution of the common types of diseases during each month of the year as suggested by Dr. Mizushima of the Keijo Imperial University. The compilation was done under the control of Dr. Gear of the Lester Research Institute, Shanghai.

The Seoul (Keijo) meteorological station reports the following mean temperatures for 1933 as follows :

Jan. -7.0	Feb. -3.0	Mar. -0.9	Apr. 10.9
May 17.1	June 21.4	July 26.4	Aug. 24.8
Sep. 20.7	Oct. 13.5	Nov. 11.5	Dec. -5.0

The twenty-year average figures for the same station are as follows :

Jan. -4.6	Feb. -2.0	Mar. 3.2	Apr. 10.7
May 16.1	June 21.2	July 24.6	Aug. 25.5
Sep. 20.0	Oct. 13.1	Nov. 5.1	Dec. -2.1

These figures are given to correct the impression given by the figures in my previous paper. See Volume I, 1933, The Journal of Severance Union Medical College.

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IN-PATIENTS  
AGE AND SEX

T I T L E	Corresponding Title Number in International List	0—			1—			5—			15—			25—			35—			45—			55 and over			Age Unknown			Totals		
		M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.			
1. Typhoid and Paratyphoid Fevers .....	(1, 2)	...	...	...	1	3	4	10	9	19	30	13	43	12	13	25	4	1	5	...	3	3	...	...	...	1	1	2	58	43	101
2. Typhus .....	(3)	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	...	...	...	...	...	...	...	...	2	1	3	
3. *Relapsing Fever .....	(4)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
4. Small-pox .....	(6)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
5. Measles .....	(7)	1	...	1	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	4
6. Scarlet Feve .....	(8)	...	...	...	1	1	2	3	1	4	1	4	5	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	6	7	13
7. Diphtheria .....	(10)	...	1	1	8	...	8	1	3	4	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	11	4	15	
8. Influenza .....	(11)	5	2	7	5	5	10	11	1	12	...	11	11	4	4	8	2	2	4	2	2	4	...	...	3	1	4	32	28	60	
9. Cholera .....	(12)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Dysentery .....	(13)	...	...	...	1	...	1	6	2	8	1	...	1	1	...	1	...	2	2	3	3	6	...	1	1	...	1	1	12	9	21
11. Plague .....	(14)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Cerebro-spinal Fever.....	(18)	1	...	1	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	
13. Tuberculosis of the Respiratory System.	(23)	2	1	3	1	...	1	6	3	6	18	15	33	25	9	34	17	8	25	5	2	7	1	...	1	1	1	2	73	39	112
14. Other Tuberculous Diseases .....	(24-32)	1	2	3	8	2	10	15	17	32	23	18	41	16	11	27	1	8	9	2	2	4	...	...	...	1	3	4	67	63	130
15. Leprosy .....	(33)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Venereal Diseases .....	(34, 35)	3	1	4	4	4	8	4	1	5	12	2	14	7	1	8	4	2	6	2	1	3	...	...	...	1	...	1	37	12	49
17. Malaria .....	(38)	1	1	2	...	...	...	1	...	1	3	4	7	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	5	7	12
18. Kala-azar .....	(In 39)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. (a) Schistosomiasis.....	(In 42)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Other Helminthic Infections .....	(40, 41, 42)	...	...	...	5	2	7	16	8	24	18	22	40	31	15	46	8	6	14	6	...	6	1	2	3	1	2	3	86	57	143
20. Other Infections and/or Parasitic diseases	(5, 9, 15-17, 19-22, 36, 37, 39, 43, 44)	3	...	3	4	2	6	4	1	5	...	2	2	7	2	9	1	1	2	1	1	2	...	...	...	1	...	1	21	9	30
21. Cancer and other Tumours.....	(45-55)	...	...	...	1	...	1	1	2	3	4	6	10	6	11	17	7	14	21	10	11	21	9	3	12	...	...	...	38	47	85
22. Rheumatic Conditions .....	(56, 57)	...	...	...	1	...	1	2	...	2	3	1	4	2	2	4	2	...	2	...	1	1	...	...	...	...	...	...	10	4	14
23. Diabetes .....	(59)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
24. Beriberi .....	(61)	...	...	...	...	...	...	1	1	2	...	10	10	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	2	12	14
25. Other General Diseases .....	(58, 60, 62, 63, 64, 65, 66-69)	...	...	...	1	1	2	...	1	1	...	1	1	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	3	5	8
26. Diseases of the Blood .....	(70-74)	1	1	2	2	...	2	...	...	...	2	2	4	1	1	2	1	...	1	1	1	2	...	...	...	...	2	2	8	7	15
27. Acute and Chronic Opium Poisoning...	(In 76, in 179)	...	...	...	1	...	1	...	...	...	...	...	...	2	...	2	5	1	6	...	...	...	...	...	...	...	...	...	8	1	9
28. Other Chronic Poisoning .....	(75, 76, 77)	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2
29. Cerebral Haemorrhage, Apoplexy etc...	(82)	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	2	...	2	1	2	3	1	...	1	5	3	8	
30. Trachoma .....	(In 88)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31. Diseases of the Ear, and Mastoid Sinus	(89)	...	1	1	2	...	2	5	1	6	5	3	8	1	...	1	2	...	2	...	...	...	...	...	...	1	1	2	16	6	22
32. Other Diseases of																															
(a) The Eye .....	(88)	...	...	...	1	...	1	2	1	3	1	1	2	2	2	4	2	4	6	3	...	3	2	3	5	...	1	1	13	12	25
(b) Nervous System and Sense Organs	(78-81, 83-87)	1	...	1	1	1	2	3	1	4	10	14	24	11	5	16	11	1	12	5	2	7	2	1	3	2	1	3	46	26	72
33. Diseases of the Circulatory System ...	(90-103)	6	...	6	4	1	5	...	2	2	10	11	21	16	15	31	6	14	20	14	6	20	7	6	13	1	2	3	64	57	121
34. Bronchitis .....	(106)	3	...	3	2	3	5	1	...	1	2	2	4	1	...	1	...	...	...	2	1	3	1	...	1	3	2	5	15	8	23
35. Pneumonia—all forms .....	(107-109)	9	6	15	18	3	21	5	5	10	6	2	8	5	1	6	3	...	3	2	1	3	2	...	2	3	1	4	53	19	72
36. Other diseases of the Respiratory System	(104, 105, 110-114)	1	1	2	13	3	16	13	7	20	18	9	27	20	9	29	13	9	22	2	2	4	2	4	6	9	2	11	91	46	137
37. Diarrhoea and Enteritis .....	(119, 120)	3	7	10	14	9	23	9	1	10	3	9	12	9	5	14	2	...	2	1	...	1	2	1	3	2	5	7	45	37	82
38. Appendicitis .....	(121)	...	...	...	...	...	4	1	5	7	5	12	11	6	17	6	1	7	2	1	3	...	...	...	...	1	2	3	31	16	47
39. Hernia, Intestinal Obstruction .....	(122)	1	...	1	2	...	2	2	1	3	10	...	10	4	...	4	6	...	6	3	2	5	5	1	6	...	...	...	33	4	37
40. Anal fistula, fissure .....	(In 123)	...	...	...	...	...	1	1	2	5	...	5	5	2	7	2	1	3	2	...	2	...	...	...	1	...	1	16	4	20	
41. Diseases of the Liver and Biliary passages	(124-127)	...	...	...	...	1	1	1	1	2	6	4	10	10	3	13	10	1	11	12	2	14	3	...	3	...	...	...	42	12	54
42. Other Diseases of the Digestive System	(115-118, 123-128, 129)	9	2	11	21	14	35	18	14	32	30	35	65	28	16	44	19	9	28	6	4	10	5	1	6	3	2	5	139	97	236
43. Nephritis .....	(130, 131, 132)	1	...	1	5	1	6	5	1	6	7	2	9	2	3	5	2	2	4	3	1	4	...	...	...	...	1	1	25	11	36
44. Other Diseases of the Genito-urinary System .....	(133-139)	...	2	2	6	2	8	2	3	5	10	35	45	10	61	71	5	34	39	5	8	13	1	3	4	2	4	6	41	152	193
45. Disease and Conditions of Pregnancy, Childbirth, Puerperium .....	(140-150)	...	...	...	...	...	...	...	...	...	...	49	49	...	44	44	...	28	28	...	1	1	...	...	...	...	4	4	...	126	126
46. Disease of the Skin, Cellular tissue, Bones and Organs of Locomotion .....	(151-156)	2	1	3	2	...	2	16	10	26	26	27	53	36	4	40	17	5	22	14	8	21	10	2	12	3	3	6	126	60	186
47. Congenital Malformation and Conditions of Early Infancy .....	(157, 158-161)	4	1	5																											

# OUT-PATIENTS AGE AND SEX

T I T L E	Corresponding Title Number in International List	0—			1—			5—			15—			25—			35—			45—			55 and over			Age Unknown			Totals		
		M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.	M.	F.	P.			
1. Typhoid and Paratyphoid Fevers .....	(1, 2)	...	...	...	...	1	1	12	7	19	25	5	30	13	3	16	4	...	4	...	1	1	...	...	1	...	1	55	17	72	
2. Typhus .....	(3)	...	...	...	...	...	...	1	...	1	4	...	4	2	...	2	1	...	1	...	...	...	...	...	...	...	8	...	8		
3. *Relapsing Fever .....	(4)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
4. Small-pox .....	(6)	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2		
5. Measles .....	(7)	1	1	2	2	2	4	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3	7		
6. Scarlet Fever .....	(8)	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2		
7. Diphtheria .....	(10)	1	...	1	3	...	3	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	3	10		
8. Influenza .....	(11)	10	4	14	7	4	11	6	4	10	35	20	55	15	9	24	4	4	8	1	2	3	...	3	3	2	...	2	80	50	130
9. Cholera .....	(12)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
10. Dysentery .....	(13)	1	...	1	1	1	2	8	...	8	2	1	3	2	...	2	1	...	1	...	1	1	1	...	1	...	...	16	3	19	
11. Plague .....	(14)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
12. Cerebro-spinal Fever.....	(18)	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	
13. Tuberculosis of the Respiratory System.	(23)	...	2	2	...	3	3	13	8	21	110	54	164	88	27	115	45	18	63	14	5	19	4	2	6	4	1	5	278	120	398
14. Other Tuberculous Diseases.....	(24-32)	...	1	1	29	16	45	42	29	71	53	68	121	40	38	78	18	10	28	6	...	6	4	...	4	5	2	7	197	164	361
15. Leprosy .....	(33)	...	...	...	...	...	...	2	...	2	4	...	4	6	1	7	2	...	2	2	1	3	...	...	...	...	...	16	2	18	
16. Venereal Diseases .....	(34, 35)	21	15	36	10	17	27	39	18	57	248	64	312	260	63	323	124	31	155	41	6	47	12	2	14	8	1	9	763	217	980
17. Malaria .....	(38)	3	3	6	1	2	3	8	4	12	7	7	14	1	2	3	...	...	...	...	...	...	...	...	...	...	...	20	18	38	
18. Kala-azar .....	(In 39)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
19. (a) Schistosomiasis .....	(In 42)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(b) Other Helminthic Infections .....	(40, 41, 42)	3	...	3	20	18	38	52	47	99	127	26	153	54	36	90	41	22	63	14	11	25	7	...	7	3	...	3	321	160	481
20. Other Infections and/or Parasitic diseases	(5, 9, 15-17, 19-22, 36, 37, 39, 43, 44)	30	22	52	48	27	75	50	14	64	28	13	41	28	15	43	8	7	15	6	1	7	5	...	5	7	...	8	210	100	310
21. Cancer and other Tumours.....	(45-55)	...	4	4	7	1	8	5	4	9	24	12	36	24	21	45	24	21	45	23	22	45	25	18	43	1	2	3	133	105	238
22. Rheumatic Conditions .....	(56, 57)	...	1	1	1	1	2	6	6	12	24	18	42	28	8	36	12	14	26	7	3	10	6	9	15	1	1	2	85	61	146
23. Diabetes .....	(59)	...	...	...	...	...	...	...	...	...	5	1	6	1	...	1	1	...	1	1	1	2	...	...	...	...	...	...	8	2	10
24. Beriberi .....	(61)	2	...	2	...	...	...	1	1	2	11	8	19	8	4	12	1	1	2	1	...	1	1	...	1	...	...	25	14	39	
25. Other General Diseases .....	(58, 60, 62, 63, 94, 65, 66-69)	1	1	2	1	...	1	2	1	3	1	1	2	2	6	8	2	1	3	4	2	6	3	2	5	1	...	1	17	14	31
26. Diseases of the Blood .....	(70-74)	1	...	1	2	2	4	5	2	7	14	3	17	3	4	7	1	6	7	1	...	1	2	1	3	1	...	1	30	18	48
27. Acute and Chronic Opium Poisoning...	(In 76, in 179)	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	4	...	4
28. Other Chronic Poisoning .....	(75, 76, 77)	...	...	...	...	...	...	...	...	...	3	1	4	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	5	2	7
29. Cerebral Haemorrhage, Apoplexy etc..	(82)	3	1	4	5	...	5	3	2	5	6	2	8	6	3	9	6	4	10	...	1	1	5	...	5	...	...	34	13	47	
30. Trachoma .....	(In 88)	2	...	2	1	...	1	14	2	16	16	13	29	9	7	16	7	9	16	7	8	15	4	3	7	4	...	4	64	42	106
31. Diseases of the Ear, and Mastoid Sinus	(89)	19	12	31	49	34	83	83	42	125	121	36	157	46	22	68	23	11	34	10	5	15	11	4	15	2	1	3	364	167	531
32. Other Diseases of																															
(a) The Eye .....	(88)	6	2	8	27	26	53	76	44	120	171	95	266	90	38	128	47	26	73	42	22	64	33	15	48	21	5	26	513	273	786
(b) Nervous System and Sense Organs	(78-81, 83-87)	5	1	6	5	6	11	21	13	34	213	71	284	120	38	158	47	33	80	22	9	31	11	13	24	8	1	9	452	185	637
33. Diseases of the Circulatory System ...	(90-103)	8	3	11	18	11	29	27	13	40	79	39	118	62	24	86	34	14	48	26	10	36	20	9	29	4	1	5	278	124	402
34. Bronchitis .....	(106)	22	11	33	28	17	45	22	12	34	42	10	52	23	13	36	29	15	44	8	10	18	9	4	13	...	3	3	183	95	278
35. Pncumonia—all forms.....	(107-109)	4	...	4	8	...	8	2	1	3	2	...	2	2	...	2	1	...	1	...	...	...	1	...	1	...	...	...	20	1	21
36. Other diseases of the Respiratory System	(104, 105, 110-11.)	22	10	32	24	14	38	39	23	62	170	72	242	98	39	137	37	17	54	22	13	35	12	4	16	3	3	6	427	195	622
37. Diarrhoea and Enteritis .....	(119, 120)	34	13	47	37	25	62	19	7	26	26	11	37	21	15	36	14	12	26	7	4	11	3	2	5	1	1	2	162	90	252
38. Appendicitis .....	(121)	...	...	...	...	...	...	...	...	...	8	3	11	8	4	12	5	2	7	3	...	3	...	...	...	...	...	...	24	9	33
39. Hernia, Intestinal Obstruction .....	(122)	4	1	5	3	...	3	3	...	3	5	1	6	1	...	1	...	...	...	2	1	3	4	...	4	...	...	...	22	3	25
40. Anal fistula, fissure .....	(In 123)	1	...	1	1	...	1	3	...	3	23	2	25	15	4	19	10	2	12	8	1	9	1	...	1	...	...	62	9	71	
41. Diseases of the Liver and Biliary passages	(124-127)	1	...	1	...	...	...	3	...	3	9	2	11	15	7	22	8	8	16	9	3	12	5	2	7	1	...	1	51	22	73
42. Other Diseases of the Digestive System	(115-118, 123-128, 129)	55	57	112	75	37	112	56	65	121	224	122	346	189	116	305	96	68	164	68	26	84	24	15	39	12	4	16	789	510	1299
43. Nephritis .....	(130, 131, 132)	...	1																												



## Percentage distribution of disease in the O.P.D. during 1933

Total number of cases listed was 14, 581

	Totals	Percentage
1. Typhoid and Paratyphoid Fevers	72	.494
2. Typhus	8	.055
*3. Relapsing Fever	0	0
4. Small-pox	2	.014
5. Measles	7	.048
6. Scarlet Fever	2	.014
7. Diphtheria	10	.069
8. Influenza	130	.892
9. Cholera	0	0
10. Dysentery	19	.130
11. Plague	0	0
12. Cerebro-spinal Fever	1	.007
13. Tuberculosis of the Respiratory System	398	2.730
14. Other Tuberculous Diseases	361	2.476
15. Leprosy	18	.123
16. Venereal Diseases	980	6.721
17. Malaria	38	.261
18. Kala-azar	0	0
19. (a) Schistosomiasis	0	0
(b) Other Helminthic Infections	481	3.299
20. Other Infections and/or parasitic diseases	310	2.126
21. Cancer and other tumours	238	1.632
22. Rheumatic conditions	146	1.001
23. Diabetes	10	.069
24. Beri Beri	39	.267
25. Other general diseases	31	.213
26. Diseases of the Blood	48	.329
27. Acute and Chronic Opium Poisoning	4	.027
28. Other chronic poisoning	7	.048
29. Cerebral Haemorrhage, apoplexy etc.	47	.322
30. Trachoma	106	.727
31. Diseases of the Ear and mastoid sinus	531	3.642
32. Other Diseases of the eye, nervous system, and sense organs	1396	9.574
33. Diseases of the circulatory system	428	2.935
34. Bronchitis	278	1.907
35. Pneumonia-all forms	21	.144
36. Other Diseases of the Respiratory system	623	4.273
37. Diarrhoea and Enteritis	252	1.788
38. Appendicitis	33	.226
39. Hernia, intestinal obstruction	25	.171
40. Anal fistula, fissure	71	.487
41. Diseases of the liver and biliary passages	73	.501
42. Other diseases of the digestive system	1299	8.909
43. Nephritis	45	.309
44. Other diseases of the genito-urinary system	1126	7.722
45. Diseases and conditions of pregnancy, childbirth and puerperium	197	1.351
46. Diseases of the Skin, cellular tissue, bones, and organs of locomotion	3466	23.771
47. Congenital malformation and conditions of early infancy	44	.302
48. Suicide	0	0
49. Other conditions of Violence	887	6.083
50. Ill-defined and miscellaneous conditions	273	1.872
Totals	14581	100.00

\* 30 cases seen during the first half 1934.

THE PERCENTAGE DISTRIBUTIONS OF TEN IMPORTANT  
DISEASE GROUPS DURING 1913

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
8. Influenza	9.231	31.538	14.615	6.923	6.923	3.077	12.308	1.538	2.308	6.923	3.077	1.538
13. Tuberculosis of the Respiratory system	2.261	6.784	11.055	9.045	11.557	10.804	7.538	6.784	11.558	7.538	8.040	7.035
16. Venereal Diseases	5.102	6.122	6.122	8.571	9.490	8.469	9.796	11.122	9.184	9.184	8.498	8.367
17. Malaria	...	...	...	10.528	7.895	13.158	7.895	15.789	28.947	7.895	7.895	...
22. Rheumatic conditions	4.110	6.849	13.014	7.534	15.753	14.384	7.534	5.479	7.534	6.164	4.795	6.849
33. Diseases of the Circulatory system	4.206	14.252	7.944	7.710	6.308	10.047	6.308	10.981	9.346	7.944	7.710	7.243
34. Bronchitis	8.633	6.115	7.914	11.151	11.511	8.633	11.871	5.396	7.554	7.554	6.475	7.194
35. Pneumonia	19.048	9.524	9.524	9.524	28.571	...	4.762	4.762	9.524	4.762	...	...
36. Other diseases of the Respiratory System	4.013	4.173	8.507	10.915	11.717	12.199	10.273	8.186	9.149	7.705	6.260	6.742
37. Diarrhoea and Enteritis	2.778	3.175	9.524	4.762	8.730	8.730	20.238	21.514	12.698	4.762	1.984	1.190