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WAVE STATISTICS

UTARBEIDET AV

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OPPDRAGSGIVER

HEEREMA NORGE A/S

OPPDRAGSNR. 209 - SML - beh

SAMMENDRAG

The report contains wave statistics from the locations Ekofisk, Frigg, Statfjord, Haltenbanken and Tromsøflaket. The parameters tabulated are H_{M0} (significant waveheights) versus T_p (peak period).

UNDERSKRIFT

Helle Tønnessen

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SAKSBEHANDLER

Bjørn Aune

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FAGSJEF

WAVE STATISTICS - NORWEGIAN CONTINENTAL SHELF

1. Introduction.

In this report we present frequency diagrams from measured waves, at 5 different places on the Norwegian continental shelf. The parameters for waveheight and wave period in our archive are HMO and TP.

	POSITION	PERIOD
EKOFISK	56.5 N 3.2 E	1/6 1980 - 30/6 1985
FRIGG	59.5 N 2.0 E	1/1 1979 - 31/12 1986
STATFJORD	61.2 N 1.8 E	20/2 1973 - 30/6 1986
HALTENBANKEN	65.0 N 7.6 E	15/3 1980 - 16/12 1985
TROMSØFLAKET	71.5 N 19.0 E	1/1 1976 - 31/12 1984
	71.8 N 20.6 E	1/1 1985 - 30/6 1986

2. The dataserie applied.

EKOFISK:

At the EKOFISK platform waves are measured every three hour with a waverider buoy deployed east of the platform, and a plessey radar on the brigde to C-Derrick. The data used are preferentially from the waverider buoy, if these are missing, radar data if available are used.
DATA COVERAGE: 76%

FRIGG:

The wave data are measured every three hour and are primarily from the QP platform, and are measured with a TRT/Symminex radar on the walk way. If the wave data from QP are missing, the other installations at FRIGG may have wave measurements. These data are merged into the dataserie from the QP platform, after the following priority: DP2, TCP2, TP1 AND CDP1. The locations of the platforms are given in fig. 1.
DATA COVERAGE: 97%

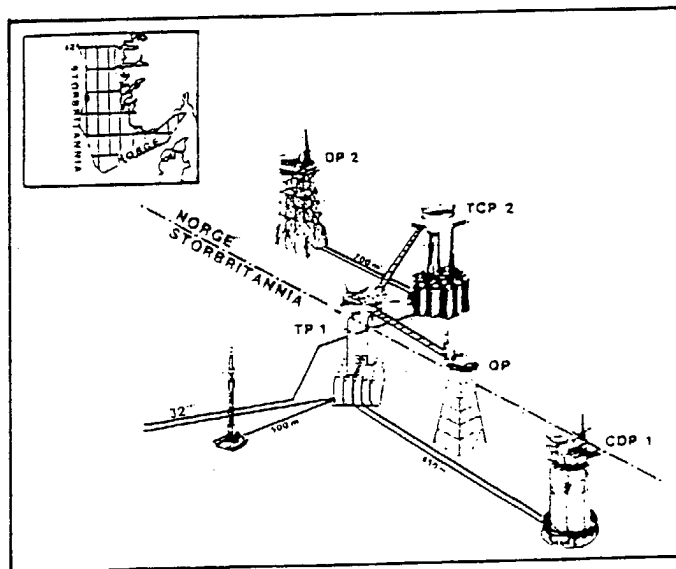


Fig. 1 The oil installations at the Frigg field.

STATFJORD:

The wave data series from Statfjord include data from Stevenson Station, Brent B, Statfjord and Troll(31/12). If no measurements are available Hindcast data may be used, and interpolation between Hindcast data.

DATA COVERAGE: 98%

HALTENBANKEN:

The wave data are measured every three hour with a Norwave buoy. No other data are used if the measurements are missing.

The location of buoy is given in Fig. 2.

DATA COVERAGE: 58%

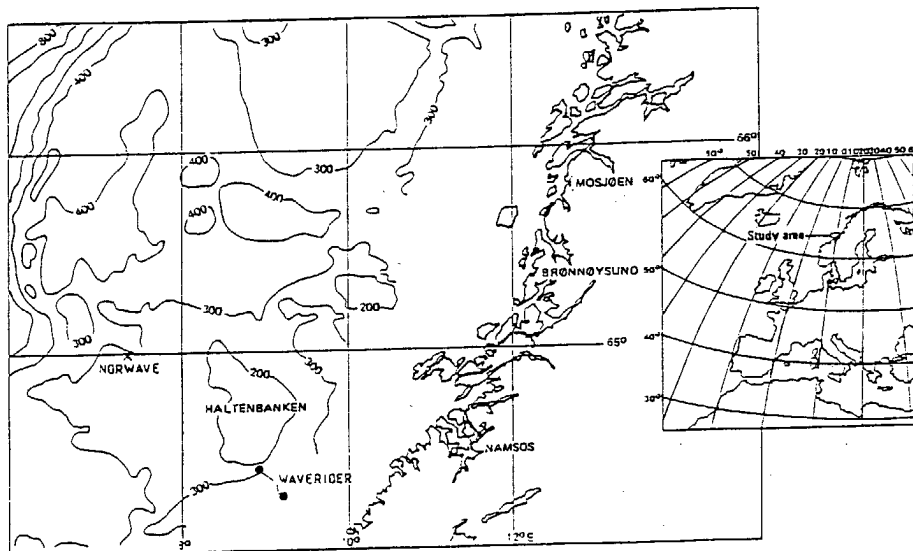


Fig. 2 Position of the Norwave buoy on Haltenbanken.

TROMSØFLAKET:

The wave data series from Tromsøflaket are from two different places. In the period 1976 - 84 a Waverider buoy were placed at 71.5 N, 19.5 E, 1985 - 86 a Tobis buoy were placed at 71.75 N, 20.62 E. Shorter gaps are filled in with Hindcast data and interpolation between Hindcast data. The position of the buoys are given in Fig. 3.

DATA COVERAGE: 98%

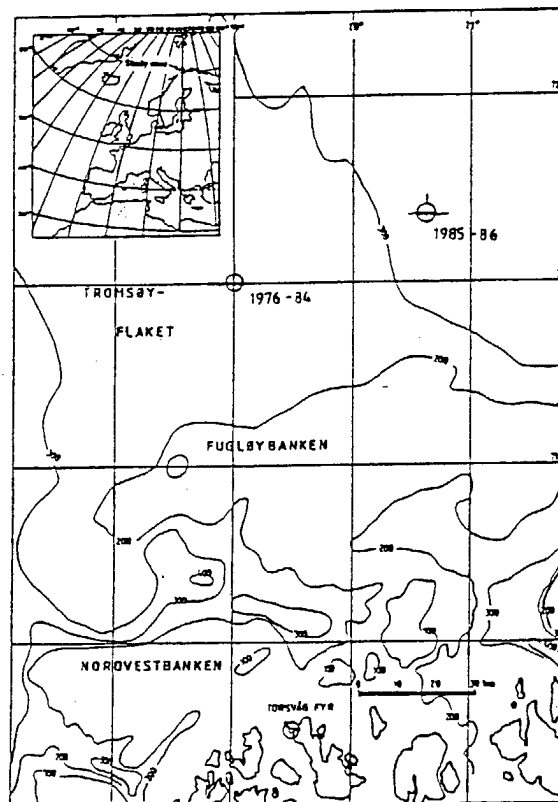


Fig. 3 The positions of the buoys on Tromsøflaket.

3. The results.

On the following pages the results are given as tables. One for each month and one for the whole period, that means 13 tables for each location.

FRIGG

JANUARY 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	PROB.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39																	0	0.00	0.0000	0.00	0.00
0.40-0.59																	0	0.00	0.0000	0.00	0.00
0.60-0.79							1										1	0.06	0.0595	5.65	0.00
0.80-0.99						1	3	2	6	2						1	15	0.89	0.9512	7.59	2.65
1.00-1.19						3	7	14	6	3	2		1				36	2.14	3.0916	6.81	1.43
1.20-1.39						1	8	12	17	7	4		1	1	1		52	3.09	6.1831	7.50	1.72
1.40-1.59				1			6	25	13	9	2	6	2	1			65	3.86	10.0476	7.55	1.72
1.60-1.79							6	20	18	10	11	9	4	1			79	4.70	14.7443	8.13	1.73
1.80-1.99							5	26	16	13	6	9	5	3	3	1	87	5.17	19.9167	8.36	2.21
2.00-2.19							4	20	25	16	13	9	1	2	1	2	93	5.53	25.4459	8.31	1.85
2.20-2.39							2	17	29	13	15	9	3	2		1	91	5.41	30.8561	8.37	1.77
2.40-2.59								20	25	17	11	10	4	1	1	2	91	5.41	36.2663	8.53	1.87
2.60-2.79								13	26	19	14	8	5		1	1	87	5.17	41.4387	8.53	1.62
2.80-2.99								9	35	21	14	9	9	2	1		100	5.95	47.3840	8.72	1.59
3.00-3.19								6	28	34	19	6	4				97	5.77	53.1510	8.53	1.16
3.20-3.39								2	29	27	12	12	1	2			85	5.05	58.2045	8.64	1.29
3.40-3.59									27	37	18	8	2	3			95	5.65	63.8525	8.78	1.20
3.60-3.79									19	32	14	6	2	2	2		77	4.58	68.4304	8.88	1.33
3.80-3.99								1	8	24	7	6	2		1		49	2.91	71.3436	8.85	1.26
4.00-4.19									5	21	18	8	5			1	58	3.45	74.7918	9.31	1.27
4.20-4.39									1	17	9	2	7	3		1	40	2.38	77.1699	9.78	1.66
4.40-4.59									1	13	18	5	2	2			41	2.44	79.6075	9.42	1.10
4.60-4.79										14	9	5	3	2		1	34	2.02	81.6289	9.81	1.47
4.80-4.99										11	15	9	2	1		1	39	2.32	83.9476	9.73	1.25
5.00-5.19										8	16	2	1	1			28	1.66	85.6122	9.38	0.96
5.20-5.39										6	11	3	4	3			27	1.61	87.2175	10.03	1.35
5.40-5.59										3	14	6	3	1	1	2	30	1.78	89.0010	10.47	1.61
5.60-5.79										2	16	7	1	2	1		29	1.72	90.7252	10.09	1.14
5.80-5.99										1	8	5	1			1	16	0.95	91.6764	10.26	1.38
>=6.00										1	22	51	28	12	10	16	140	8.32	99.9998	11.47	1.73

SUM	0	0	0	1	5	42	187	334	381	318	210	103	47	23	31	1682
MARG. PROB.	0.00	0.00	0.00	0.06	0.30	2.50	11.12	19.86	22.65	18.91	12.49	6.12	2.79	1.37	1.84	
CUM. PROB.	0.00	0.00	0.00	0.06	0.36	2.85	13.97	33.83	56.48	75.39	87.87	94.00	96.79	98.16	100.00	
MEAN	0.00	0.00	0.00	1.59	1.14	1.51	2.01	2.62	3.34	3.94	4.22	4.48	4.58	5.01	5.83	
STDEV.	0.00	0.00	0.00	0.00	0.16	0.41	0.58	0.79	1.03	1.38	1.83	2.09	2.08	2.57	2.80	

MEAN HMO : 3.39 MEAN TP : 8.91

ST.DEV. HMO : 1.62 ST.DEV. TP : 1.89

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FRIGG

FEBRUARY 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG.	CUM.	MEAN	SIDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14			SUM	PROB.			PROB.
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39																		0	0.00	0.0000	0.00	0.00
0.40-0.59																		0	0.00	0.0000	0.00	0.00
0.60-0.79						1	1	3	7	1	1							14	0.87	0.8658	7.13	1.15
0.80-0.99						2	1	10	8	3	1					1		26	1.61	2.4737	7.24	1.71
1.00-1.19						1	6	16	16	9	5		2					55	3.40	5.8751	7.39	1.42
1.20-1.39						1	14	18	22	14	7		4	1				81	5.01	10.8844	7.44	1.62
1.40-1.59							15	25	26	18	15	4	4					107	6.62	17.5015	7.64	1.54
1.60-1.79							7	29	31	14	18	4	6	3				112	6.93	24.4279	8.04	1.67
1.80-1.99							12	36	37	20	14	5	2	1				127	7.85	32.2820	7.62	1.39
2.00-2.19							5	35	35	24	14	5	1	2				121	7.48	39.7650	7.74	1.33
2.20-2.39							7	22	46	21	8	5	2					111	6.86	46.6295	7.72	1.25
2.40-2.59							1	28	24	15	9	3	1	1		1		83	5.13	51.7625	7.89	1.58
2.60-2.79								23	26	28	11	3	2					93	5.75	57.5139	7.96	1.15
2.80-2.99								16	29	14	8	2			1			70	4.33	61.8429	7.86	1.24
3.00-3.19								5	29	22	5	7	3			1		72	4.45	66.2956	8.43	1.45
3.20-3.39								5	23	21	14	3	3			2		71	4.39	70.6864	8.61	1.65
3.40-3.59								1	23	19	16	6	2			1		68	4.21	74.8917	8.76	1.44
3.60-3.79								1	6	14	12	4	1		1			39	2.41	77.3036	8.97	1.25
3.80-3.99									9	24	11	10	3		1	1		59	3.65	80.9523	9.33	1.73
4.00-4.19									3	14	10	7		2				36	2.23	83.1786	9.28	1.20
4.20-4.39									4	19	10	7	1	1		1		43	2.66	85.8379	9.29	1.38
4.40-4.59										12	8	7	1	2	1			31	1.92	87.7550	9.72	1.39
4.60-4.79									1	13	3	1			1			19	1.18	88.9300	9.06	1.26
4.80-4.99										12	8	5	1					26	1.61	90.5379	9.39	0.95
5.00-5.19										8	7	3						18	1.11	91.6511	9.24	0.73
5.20-5.39										13	10	1	2		1			27	1.67	93.3208	9.47	1.20
5.40-5.59										7	10	2	1		1			21	1.30	94.6195	9.56	1.19
5.60-5.79										6	8		1					15	0.93	95.5472	9.18	0.62
5.80-5.99											8	1	1					10	0.62	96.1656	9.78	0.77
>=6.00										1	29	18	12	1	1			62	3.83	99.9998	10.30	1.03

SUM	0	0	0	0	5	69	273	405	386	280	113	56	14	9	7	1617						
MARG. PROB.	0.00	0.00	0.00	0.00	0.31	4.27	16.88	25.05	23.87	17.32	6.99	3.46	0.87	0.56	0.43							
CUM. PROB.	0.00	0.00	0.00	0.00	0.31	4.58	21.46	46.51	70.38	87.69	94.68	98.14	99.01	99.57	100.00							
MEAN	0.00	0.00	0.00	0.00	1.03	1.63	2.01	2.35	3.17	3.63	4.03	3.75	3.17	4.54	3.39							
SIDV.	0.00	0.00	0.00	0.00	0.22	0.40	0.61	0.82	1.25	1.61	1.69	2.16	1.78	2.31	0.60							

MEAN HMO : 2.86 MEAN TP : 8.28
 ST.DEV. HMO : 1.41 ST.DEV. TP : 1.61

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FRIGG

MARCH 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59																0	0.00	0.0000	0.00	0.00	
0.60-0.79						1	1	4	1							7	0.37	0.3669	6.23	0.93	
0.80-0.99					1	6	4	4	4	1	1	2	1			20	1.05	1.4151	7.20	2.06	
1.00-1.19					5	12	11	4					1			33	1.73	3.1447	6.13	1.35	
1.20-1.39					4	17	21	11	16	4	3	1				77	4.04	7.1803	7.12	1.53	
1.40-1.59					2	19	44	44	14	7	2	1				133	6.97	14.1509	7.13	1.18	
1.60-1.79						9	33	44	15	8	6	2			1	118	6.18	20.3354	7.54	1.41	
1.80-1.99						5	31	45	30	23	4					138	7.23	27.5681	7.81	1.14	
2.00-2.19						7	38	41	27	13	5					131	6.87	34.4339	7.66	1.15	
2.20-2.39						4	32	46	25	18	3	1				129	6.76	41.1949	7.77	1.18	
2.40-2.59						1	23	26	18	13	3				1	85	4.45	45.6499	7.88	1.26	
2.60-2.79						1	17	35	32	17	8	3				1	114	5.97	51.6247	8.33	1.39
2.80-2.99							12	30	24	14	8	1				1	90	4.72	56.3417	8.34	1.44
3.00-3.19							13	27	24	16	7	8	1			96	5.03	61.3731	8.54	1.46	
3.20-3.39							5	24	39	10	6	1	1			86	4.51	65.8804	8.44	1.13	
3.40-3.59							2	42	32	13	2	5	2		2	100	5.24	71.1215	8.57	1.38	
3.60-3.79								26	21	16	4				2	69	3.62	74.7379	8.56	1.14	
3.80-3.99								20	31	11	3	3	2			70	3.67	78.4066	8.72	1.15	
4.00-4.19								10	30	21	5					66	3.46	81.8657	8.77	0.79	
4.20-4.39								5	26	15	5	2				53	2.78	84.6435	8.96	0.94	
4.40-4.59								2	11	13	6	3				35	1.83	86.4779	9.38	0.99	
4.60-4.79								3	19	17	5	2				46	2.41	88.8888	9.16	0.81	
4.80-4.99									22	19	7	3	1			52	2.73	91.6141	9.42	0.84	
5.00-5.19								1	9	18	7	1	1			37	1.94	93.5533	9.57	0.92	
5.20-5.39									7	15	5	2				29	1.52	95.0732	9.49	0.78	
5.40-5.59									2	13	4	2	1			22	1.15	96.2263	9.87	0.89	
5.60-5.79										11	2					13	0.68	96.9076	9.55	0.46	
5.80-5.99									2	6	4				2	14	0.73	97.6414	10.07	1.10	
>=6.00									2	19	17	5	2			45	2.36	99.9998	10.24	0.87	

SUM	0	0	0	0	13	82	290	491	479	351	133	48	16	3	2	1908				
PAR.PROB.	0.00	0.00	0.00	0.00	0.68	4.30	15.20	25.73	25.10	18.40	6.97	2.52	0.84	0.16	0.10					
CUM.PROB.	0.00	0.00	0.00	0.00	0.68	4.98	20.18	45.91	71.02	89.41	96.38	98.90	99.74	99.90	100.00					
MEAN	0.00	0.00	0.00	0.00	1.15	1.50	2.00	2.57	3.24	3.81	3.98	3.86	4.56	2.88	2.83					
STDEV.	0.00	0.00	0.00	0.00	0.22	0.41	0.58	0.85	1.09	1.40	1.62	1.57	1.40	0.96	0.14					

MEAN HMO : 2.97 MEAN TP : 8.23
 ST.DEV. HMO : 1.31 ST.DEV. TP : 1.46
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FRIGG

APRIL 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39																0	0.00	0.0000	0.00	0.00
0.40-0.59								3		1	1					5	0.27	0.2685	7.58	1.20
0.60-0.79					2	16	18	21	5	2	6	3				73	3.92	4.1890	7.26	1.72
0.80-0.99					10	24	46	24	19	21	9	2	1	1		157	8.43	12.6208	7.41	1.76
1.00-1.19					8	40	40	34	19	26	14	1	3	4	1	190	10.20	22.8249	7.58	2.07
1.20-1.39					3	33	57	40	15	23	9		4			184	9.88	32.7067	7.37	1.65
1.40-1.59					2	39	39	38	41	18	6	1	4			188	10.10	42.8034	7.48	1.59
1.60-1.79						15	43	39	35	10	6					148	7.95	50.7518	7.48	1.26
1.80-1.99						11	38	29	26	20	5	1				130	6.98	57.7336	7.67	1.33
2.00-2.19						4	36	34	27	11	9					121	6.50	64.2320	7.75	1.23
2.20-2.39						4	31	45	20	20	8			2		130	6.98	71.2137	7.92	1.33
2.40-2.59							15	33	13	9	9	1	1			81	4.35	75.5639	8.13	1.42
2.60-2.79							16	13	15	12	4	4	1			65	3.49	79.0547	8.38	1.52
2.80-2.99							14	24	6	7	12	1			1	65	3.49	82.5456	8.37	1.55
3.00-3.19							8	14	11	8	10	4				55	2.95	85.4994	8.65	1.58
3.20-3.39							1	18	7	6	2	2				36	1.93	87.4328	8.32	1.16
3.40-3.59							1	11	8	10	4			1		35	1.88	89.3125	8.80	1.28
3.60-3.79								8	5	5	2	2				22	1.18	90.4940	8.83	1.35
3.80-3.99								4	4	3	3	2				16	0.86	91.3533	9.13	1.31
4.00-4.19									6	5	5	5	3	1		25	1.34	92.6959	9.44	1.45
4.20-4.39										7	1	4	3		1	16	0.86	93.5552	9.89	1.60
4.40-4.59										6	2	1			1	10	0.54	94.0922	9.29	1.76
4.60-4.79								1	7	2	6	1	1		1	19	1.02	95.1126	9.85	1.77
4.80-4.99									1	1	2	1				5	0.27	95.3812	10.39	1.04
5.00-5.19									6	1	2	1				10	0.54	95.9182	9.39	1.08
5.20-5.39										4	1					5	0.27	96.1867	9.41	0.47
5.40-5.59										2	1					3	0.16	96.3478	9.91	0.93
5.60-5.79										5		2	1			8	0.43	96.7775	10.35	1.23
5.80-5.99									1	2	4	2				9	0.48	97.2608	10.40	0.85
>=6.00										2	18	14	10	5	2	51	2.74	99.9998	11.64	1.43

SUM	0	0	0	0	25	186	406	436	310	239	162	51	30	13	4	1862				
MARG.PROB.	0.00	0.00	0.00	0.00	1.34	9.99	21.80	23.42	16.65	12.84	8.70	2.74	1.61	0.70	0.21					
CUM.PROB.	0.00	0.00	0.00	0.00	1.34	11.33	33.14	56.55	73.20	86.04	94.74	97.48	99.09	99.79	100.00					
MEAN	0.00	0.00	0.00	0.00	1.06	1.31	1.67	2.02	2.24	2.31	3.03	4.30	3.86	4.51	4.89					
STDEV.	0.00	0.00	0.00	0.00	0.19	0.37	0.63	0.84	1.09	1.31	1.86	2.11	2.74	3.41	2.76					

MEAN HMO : 2.14 MEAN TP : 7.97

ST.DEV. HMO : 1.32 ST.DEV. TP : 1.78

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,

0313 OSLO 3, NORWAY.

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MAY 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. CUM.		MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39							1									1	0.05	0.0525	5.26	0.00
0.40-0.59				1	8	6	13	18	6			3				55	2.89	2.9381	6.86	1.47
0.60-0.79					9	46	49	37	17	1			1			160	8.39	11.3326	6.56	1.16
0.80-0.99			1	30	71	70	38	22			2	2		3		239	12.54	23.8720	6.40	1.46
1.00-1.19				28	68	78	55	19	2	2				1		253	13.27	37.1458	6.44	1.22
1.20-1.39				18	66	66	44	13	9	6	1					223	11.70	48.8457	6.61	1.39
1.40-1.59				3	54	67	36	18	6	1	1					186	9.76	58.6044	6.72	1.20
1.60-1.79				3	28	65	20	8	4	1						129	6.77	65.3725	6.66	0.97
1.80-1.99					21	56	24	13	11	3						128	6.72	72.0881	7.07	1.26
2.00-2.19					9	54	23	10	7	3						106	5.56	77.6495	7.11	1.11
2.20-2.39					4	38	23	13	3	2						83	4.35	82.0041	7.29	0.99
2.40-2.59					3	21	34	12	10							80	4.20	86.2014	7.52	0.98
2.60-2.79						13	24	8	10	1						56	2.94	89.1395	7.77	1.01
2.80-2.99						6	14	3	3	5						31	1.63	90.7659	8.10	1.46
3.00-3.19						4	12	8	6							30	1.57	92.3399	7.95	0.95
3.20-3.39						4	19	5	3	3	1					35	1.84	94.1762	8.10	1.12
3.40-3.59							5	7	6	3				1		22	1.15	95.3304	8.93	1.28
3.60-3.79							3	7	4	2	6					22	1.15	96.4847	9.53	1.39
3.80-3.99								4	3	3	1			1		12	0.63	97.1142	9.87	1.52
4.00-4.19								1	3	4	2	1		1		12	0.63	97.7438	9.74	1.32
4.20-4.39									1	1	1			2		6	0.31	98.0586	11.31	2.28
4.40-4.59										3					1	4	0.21	98.2685	10.39	2.07
4.60-4.79										3	3					6	0.31	98.5833	10.09	0.75
4.80-4.99									1	3				1		5	0.26	98.8456	10.02	1.58
5.00-5.19									1	1	2					4	0.21	99.0554	9.84	0.94
5.20-5.39										1	1			1		3	0.16	99.2128	10.59	1.81
5.40-5.59										1						2	0.10	99.3177	12.00	4.32
5.60-5.79									1	1					1	4	0.21	99.5276	11.36	2.92
5.80-5.99												1				1	0.05	99.5801	11.63	0.00
>=6.00										1	3			1	2	8	0.42	99.9998	12.01	1.75

SUM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	1906
MARG. PROB.	0.00	0.00	0.00	0.10	5.19	19.78	31.69	22.56	10.55	5.56	2.73	0.79	0.58	0.26	0.21		
CUM. PROB.	0.00	0.00	0.00	0.10	5.30	25.08	56.77	79.33	89.87	95.44	98.16	98.95	99.53	99.79	100.00		
MEAN	0.00	0.00	0.00	0.67	1.02	1.23	1.53	1.73	1.96	2.79	2.91	2.99	3.33	5.83	5.56		
STDEV.	0.00	0.00	0.00	0.33	0.26	0.40	0.59	0.84	1.09	1.19	1.62	1.53	1.99	1.76	1.00		

MEAN HMO : 1.68 MEAN TP : 7.01
 ST.DEV. HMO : 0.96 ST.DEV. TP : 1.53
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

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JUNE 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0:00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39				2	5	2	1		5	1						16	0.94	0.9395	6.14	2.09
0.40-0.59			6	20	35	26	17	16	7							127	7.46	8.3969	6.30	1.49
0.60-0.79			7	37	55	44	35	29	7	1						215	12.62	21.0217	6.39	1.48
0.80-0.99			2	27	65	59	28	9	13	3	2					208	12.21	33.2354	6.43	1.49
1.00-1.19				17	62	56	22	8	3	11						179	10.51	43.7463	6.49	1.48
1.20-1.39				4	66	41	32	13	8	6	2					172	10.10	53.8461	6.75	1.50
1.40-1.59				5	52	50	29	13	7	2				1		159	9.34	63.1826	6.68	1.29
1.60-1.79				3	32	60	21	9	10							135	7.93	71.1098	6.69	1.10
1.80-1.99					25	42	21	5	6							99	5.81	76.9230	6.75	1.02
2.00-2.19					10	49	16	8	7	1						91	5.34	82.2665	7.00	1.12
2.20-2.39					1	27	19	5	2							54	3.17	85.4374	7.18	0.77
2.40-2.59					1	20	18	9	1							49	2.88	88.3147	7.29	0.77
2.60-2.79						10	24	8	1							43	2.52	90.8396	7.47	0.67
2.80-2.99						10	21	1	2							34	2.00	92.8361	7.47	0.65
3.00-3.19						1	15	3	1							20	1.17	94.0105	7.69	0.55
3.20-3.39							17	5	1							23	1.35	95.3610	7.83	0.52
3.40-3.59							6	11	1	1						19	1.12	96.4767	8.36	0.70
3.60-3.79							3	10	2							15	0.88	97.3575	8.37	0.59
3.80-3.99							3	9	1							13	0.76	98.1209	8.32	0.53
4.00-4.19								6	2							8	0.47	98.5906	8.85	0.37
4.20-4.39								3	1							4	0.23	98.8255	8.92	0.75
4.40-4.59								2	2	4						8	0.47	99.2953	9.60	0.93
4.60-4.79									1	3						4	0.23	99.5301	10.09	0.30
4.80-4.99									1	1						2	0.12	99.6476	10.09	1.18
5.00-5.19									1	1						2	0.12	99.7650	9.25	1.39
5.20-5.39										1	1					2	0.12	99.8824	9.67	0.80
5.40-5.59											1					1	0.06	99.9411	10.24	0.00
5.60-5.79												1				0	0.00	99.9411	0.00	0.00
5.80-5.99													1			1	0.06	99.9999	10.92	0.00
>=6.00																0	0.00	99.9999	0.00	0.00

SUM	0	0	0	17	118	406	496	347	188	89	37	4	1	0	0	1703				
MARG. PROB.	0.00	0.00	0.00	1.00	6.93	23.84	29.13	20.38	11.04	5.23	2.17	0.23	0.06	0.00	0.00					
CUM. PROB.	0.00	0.00	0.00	1.00	7.93	31.77	60.89	81.27	92.31	97.53	99.71	99.94	100.00	100.00	100.00					
MEAN	0.00	0.00	0.00	0.58	0.83	1.17	1.49	1.84	1.98	1.82	2.45	1.14	1.50	0.00	0.00					
STDEV.	0.00	0.00	0.00	0.16	0.31	0.43	0.62	0.90	1.27	1.17	1.79	0.22	0.00	0.00	0.00					

MEAN HMO : 1.52 MEAN TP : 6.78
 ST. DEV. HMO : 0.88 ST. DEV. TP : 1.41

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

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JULY 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19								1								1	0.06	0.0558	6.75	0.00
0.20-0.39					6	4	2	1								13	0.73	0.7808	5.35	0.75
0.40-0.59				1	15	17	31	13	1	3						81	4.52	5.2984	6.21	1.21
0.60-0.79			4	19	58	55	30	19	6	3						194	10.82	16.1182	6.47	1.32
0.80-0.99			4	43	107	65	34	21	14	7	1					296	16.51	32.6269	6.32	1.49
1.00-1.19			2	35	109	66	21	19	11	7	2	1				273	15.23	47.8527	6.33	1.52
1.20-1.39				20	84	77	29	15	2	4	3	2				236	13.16	61.0150	6.47	1.41
1.40-1.59				7	53	59	34	16	3	1	2	1				176	9.82	70.8310	6.65	1.30
1.60-1.79					48	56	31	8	3	1						147	8.20	79.0295	6.58	1.02
1.80-1.99					19	63	26	6	3	3						120	6.69	85.7222	6.89	1.00
2.00-2.19					8	41	38	10	1							98	5.47	91.1879	7.01	0.77
2.20-2.39						21	18	7	1	1				1		49	2.73	93.9208	7.44	1.14
2.40-2.59					1	11	10	5	3							30	1.67	95.5939	7.46	1.04
2.60-2.79						6	9	9	7				1			32	1.78	97.3786	8.13	1.21
2.80-2.99							5	5	3							13	0.73	98.1037	8.37	0.77
3.00-3.19							8	2	2							12	0.67	98.7729	8.01	0.79
3.20-3.39							4	1	4	1						10	0.56	99.3307	8.83	1.12
3.40-3.59									1							1	0.06	99.3864	8.19	0.00
3.60-3.79												4				4	0.22	99.6095	10.20	0.07
3.80-3.99										1	1					2	0.11	99.7211	9.76	0.85
4.00-4.19											1	1				1	0.06	99.7768	10.37	0.00
4.20-4.39											1	2				3	0.17	99.9442	10.29	0.67
4.40-4.59												1				1	0.06	99.9999	10.91	0.00
4.60-4.79																0	0.00	99.9999	0.00	0.00
4.80-4.99																0	0.00	99.9999	0.00	0.00
5.00-5.19																0	0.00	99.9999	0.00	0.00
5.20-5.39																0	0.00	99.9999	0.00	0.00
5.40-5.59																0	0.00	99.9999	0.00	0.00
5.60-5.79																0	0.00	99.9999	0.00	0.00
5.80-5.99																0	0.00	99.9999	0.00	0.00
>=6.00																0	0.00	99.9999	0.00	0.00

SUM	0	0	0	11	145	508	554	311	145	68	37	9	5	0	0	1793				
MARG. PROB.	0.00	0.00	0.00	0.61	8.09	28.33	30.90	17.35	8.09	3.79	2.06	0.50	0.28	0.00	0.00					
CUM. PROB.	0.00	0.00	0.00	0.61	8.70	37.03	67.93	85.28	93.36	97.16	99.22	99.72	100.00	100.00	100.00					
MEAN	0.00	0.00	0.00	0.83	0.94	1.16	1.39	1.59	1.54	1.69	1.94	1.37	1.46	0.00	0.00					
STDEV.	0.00	0.00	0.00	0.18	0.29	0.37	0.54	0.68	0.71	0.97	1.28	0.50	0.47	0.00	0.00					

MEAN HMO : 1.35 MEAN TP : 6.62
 ST.DEV. HMO : 0.61 ST.DEV. TP : 1.40

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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AUGUST 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19							1	1										2	0.13	0.1274	6.04	0.41
0.20-0.39				2	9	4	4				1	1						21	1.34	1.4650	5.37	1.73
0.40-0.59			2	13	31	18	12	4	3	1								84	5.35	6.8153	6.13	1.36
0.60-0.79			2	31	41	23	28	18	8	3								154	9.81	16.6242	6.39	1.59
0.80-0.99				20	43	27	21	7	10	2	3	1	1	2				137	8.73	25.3503	6.74	2.03
1.00-1.19		1	18	40	50	23	21	13	11	4	1	2						184	11.72	37.0700	7.07	1.89
1.20-1.39			13	44	56	29	11	10	12	3								179	11.40	48.4713	6.96	1.72
1.40-1.59			3	39	68	31	9	2	2	1	1	1						157	10.00	58.4713	6.73	1.29
1.60-1.79			3	37	65	32	10	2	3	1								154	9.81	68.2802	6.75	1.23
1.80-1.99				15	63	37	13	1										129	8.22	76.4968	6.91	0.79
2.00-2.19				8	38	34	3			1	1							85	5.41	81.9108	6.96	0.90
2.20-2.39				9	32	17	4	1	1	1								65	4.14	86.0509	7.03	1.05
2.40-2.59				2	15	22	5	2			1							47	2.99	89.0445	7.40	1.00
2.60-2.79					11	18	1	3	2									35	2.23	91.2738	7.45	1.11
2.80-2.99					8	15	6	1	1									31	1.97	93.2483	7.58	0.84
3.00-3.19					5	10	4		2									21	1.34	94.5859	7.82	1.05
3.20-3.39						4	7	3	1									15	0.96	95.5413	8.60	0.92
3.40-3.59						9	5	1	1	1								17	1.08	96.6241	8.31	1.24
3.60-3.79						7	5	1										13	0.83	97.4521	8.13	0.55
3.80-3.99						5	8	2										15	0.96	98.4075	8.40	0.55
4.00-4.19							4	6										10	0.64	99.0445	8.87	0.52
4.20-4.39							3	2										5	0.32	99.3629	8.99	0.41
4.40-4.59							1	2										3	0.19	99.5540	9.24	0.58
4.60-4.79							1	1										2	0.13	99.6814	9.05	0.48
4.80-4.99							3											3	0.19	99.8725	8.48	0.31
5.00-5.19							1											1	0.06	99.9361	8.93	0.00
5.20-5.39									1									1	0.06	99.9998	9.04	0.00
5.40-5.59																		0	0.00	99.9998	0.00	0.00
5.60-5.79																		0	0.00	99.9998	0.00	0.00
5.80-5.99																		0	0.00	99.9998	0.00	0.00
>=6.00																		0	0.00	99.9998	0.00	0.00

SUM	0	0	0	7	110	314	484	354	154	76	44	16	3	6	2	1570						
MARG. PROB.	0.00	0.00	0.00	0.45	7.01	20.00	30.83	22.55	9.81	4.84	2.80	1.02	0.19	0.38	0.13							
CUM. PROB.	0.00	0.00	0.00	0.45	7.45	27.45	58.28	80.83	90.64	95.48	98.28	99.30	99.49	99.87	100.00							
MEAN	0.00	0.00	0.00	0.61	0.87	1.21	1.59	1.86	2.10	1.94	1.50	1.55	1.20	1.22	0.92							
STDEV.	0.00	0.00	0.00	0.26	0.34	0.49	0.58	0.82	1.23	1.36	0.76	0.76	0.31	0.27	0.09							

MEAN HMO : 1.58 MEAN TP : 6.92
 ST.DEV. HMO : 0.83 ST.DEV. TP : 1.53
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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SEPTEMBER 1979 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. CUM.		MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	SUM	PROB.	PROB.				
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39								1										1	0.06	0.0604	6.07	0.00
0.40-0.59				3	3				1			2						9	0.54	0.6042	5.66	2.49
0.60-0.79			1	1	5	4	1											12	0.73	1.3293	5.82	1.02
0.80-0.99				6	10	12	12	1			4	1						46	2.78	4.1088	6.74	1.79
1.00-1.19				7	16	34	20	7	1	1								86	5.20	9.3051	6.55	1.15
1.20-1.39				6	13	40	26	8	8	3	2				1	1		108	6.53	15.8308	7.21	1.72
1.40-1.59				2	26	52	49	22	9	3	3			1	1	1		169	10.21	26.0423	7.29	1.59
1.60-1.79					20	62	50	35	5	3				1	1	1		178	10.76	36.7976	7.34	1.36
1.80-1.99					13	42	42	18	12	2	1	2						132	7.98	44.7734	7.45	1.35
2.00-2.19					7	41	53	21	15	1	1							139	8.40	53.1722	7.50	1.10
2.20-2.39					6	32	61	32	8	2								141	8.52	61.6918	7.60	0.98
2.40-2.59					1	30	35	28	4	3	1				1			103	6.22	67.9154	7.69	1.20
2.60-2.79						19	48	30	12	2								111	6.71	74.6223	7.88	0.97
2.80-2.99						9	30	27	8	4	1							79	4.77	79.3957	8.05	1.08
3.00-3.19						6	27	24	11	5					1			74	4.47	83.8670	8.37	1.09
3.20-3.39						2	23	26	10	2	1	1						65	3.93	87.7945	8.36	1.03
3.40-3.59							12	28	12	5					1			58	3.50	91.2990	8.78	1.04
3.60-3.79							6	18	9	3	2	1						39	2.36	93.6555	8.95	1.21
3.80-3.99							4	21	8	2	1	1						37	2.24	95.8911	8.91	1.02
4.00-4.19							2	5	6	2	1	1						17	1.03	96.9183	9.33	1.26
4.20-4.39								3	6	1	3							13	0.79	97.7038	9.81	1.20
4.40-4.59								4	4	2	1							11	0.66	98.3685	9.32	1.00
4.60-4.79								2	1	2								5	0.30	98.6706	9.40	0.81
4.80-4.99									2									2	0.12	98.7914	9.57	0.38
5.00-5.19									2	1	1							4	0.24	99.0331	9.32	0.88
5.20-5.39											1	1						2	0.12	99.1539	10.97	1.04
5.40-5.59																		0	0.00	99.1539	0.00	0.00
5.60-5.79										1							1	2	0.12	99.2747	13.00	4.78
5.80-5.99											3							3	0.18	99.4560	10.71	0.36
>=6.00											3	6						9	0.54	99.9998	11.31	0.61

SUM	0	0	0	4	25	117	386	502	362	155	60	26	9	5	4	1655
MARG. PROB.	0.00	0.00	0.00	0.24	1.51	7.07	23.32	30.33	21.87	9.37	3.63	1.57	0.54	0.30	0.24	
CUM. PROB.	0.00	0.00	0.00	0.24	1.75	8.82	32.15	62.48	84.35	93.72	97.34	98.91	99.46	99.76	100.00	
MEAN	0.00	0.00	0.00	0.57	1.04	1.50	1.82	2.21	2.68	2.84	3.17	3.79	2.80	2.08	2.58	
STDEV.	0.00	0.00	0.00	0.03	0.29	0.41	0.55	0.70	0.85	1.02	1.53	1.96	1.04	0.93	2.12	

MEAN HMO : 2.27 MEAN TP : 7.70
 ST.DEV. HMO : 0.95 ST.DEV. TP : 1.48
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.		CUM.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19								1								1	0.06	0.0597	6.53	0.00	
0.20-0.39										1						1	0.06	0.1195	8.62	0.00	
0.40-0.59										1						1	0.06	0.1792	8.62	0.00	
0.60-0.79					1	1	1									4	0.24	0.4182	8.01	4.63	
0.80-0.99					2	6		8	1							17	1.02	1.4337	6.50	1.21	
1.00-1.19			1			13	8	18	9	4						53	3.17	4.5998	7.11	1.30	
1.20-1.39				1	1	14	16	20	10	2	2	1	2			68	4.06	8.6619	7.35	1.64	
1.40-1.59				1	1	16	22	32	12	4	5				2	94	5.62	14.2772	7.36	1.63	
1.60-1.79						6	32	26	12	7	7					90	5.38	19.6535	7.54	1.31	
1.80-1.99						6	24	48	32	13	8	1	1		1	134	8.00	27.6583	7.95	1.37	
2.00-2.19						2	33	40	21	12	4	2			1	115	6.87	34.5281	7.79	1.37	
2.20-2.39						2	16	33	24	9	9	5			1	2	101	6.03	40.5615	8.39	1.93
2.40-2.59							19	42	31	8	8	3	2	2		115	6.87	47.4313	8.26	1.51	
2.60-2.79							15	35	20	9	13	2	2			96	5.73	53.1660	8.29	1.45	
2.80-2.99							5	28	18	7	10	6	2	1	3	80	4.78	57.9450	9.08	2.31	
3.00-3.19							1	25	23	11	10	4	2		3	79	4.72	62.6642	9.21	2.33	
3.20-3.39							1	16	22	11	5	5	10	1		71	4.24	66.9055	9.39	1.79	
3.40-3.59							1	13	17	12	7	4	3	1		58	3.46	70.3703	9.17	1.62	
3.60-3.79							1	17	21	19	9	9	5		1	82	4.90	75.2687	9.44	1.70	
3.80-3.99								10	17	21	7	2	3	1		61	3.64	78.9127	9.38	1.34	
4.00-4.19								1	20	14	3	2	7	2	1	50	2.99	81.8995	9.91	1.80	
4.20-4.39								2	12	11	8	4	6	5	1	49	2.93	84.8266	10.40	1.88	
4.40-4.59									11	22	11	4	6	1	2	57	3.41	88.2317	10.23	1.72	
4.60-4.79								1	4	8	5	3	4	2		27	1.61	89.8446	10.44	1.71	
4.80-4.99									5	16	9	2	5	3		40	2.39	92.2340	10.35	1.53	
5.00-5.19									1	6	6	4	1	2		20	1.19	93.4288	10.75	1.36	
5.20-5.39									2	9	4	4	2	1		22	1.31	94.7430	10.42	1.41	
5.40-5.59									1	7	3	4		1		16	0.96	95.6988	10.47	1.23	
5.60-5.79										6	4	2				12	0.72	96.4156	10.18	0.89	
5.80-5.99										1	4	1				6	0.36	96.7740	10.50	0.57	
>=6.00										9	25	17	1	2		54	3.23	99.9998	10.81	0.89	

SUM	0	0	0	1	5	66	196	415	348	258	186	91	64	29	15	1674
MARG. PROB.	0.00	0.00	0.00	0.06	0.30	3.94	11.71	24.79	20.79	15.41	11.11	5.44	3.82	1.73	0.90	
CUM. PROB.	0.00	0.00	0.00	0.06	0.36	4.30	16.01	40.80	61.59	77.00	88.11	93.55	97.37	99.10	100.00	
MEAN	0.00	0.00	0.00	1.05	1.08	1.40	1.96	2.34	2.88	3.71	3.92	4.42	3.89	4.12	3.09	
STDEV.	0.00	0.00	0.00	0.00	0.29	0.34	0.53	0.77	1.00	1.27	1.60	1.68	1.00	1.37	1.04	

MEAN HMO : 2.96 MEAN TP : 8.74
 ST. DEV. HMO : 1.35 ST. DEV. TP : 1.96

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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	SUM	PROB.	PROB.				
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39																		0	0.00	0.0000	0.00	0.00
0.40-0.59																		0	0.00	0.0000	0.00	0.00
0.60-0.79								1										1	0.06	0.0585	6.39	0.00
0.80-0.99					1	2	4	2	1									10	0.58	0.6433	6.47	1.21
1.00-1.19					7	6	7	5	4	1	1							31	1.81	2.4561	6.50	1.60
1.20-1.39					1	4	8	10	2	5							2	32	1.87	4.3275	7.79	2.39
1.40-1.59					1	6	18	12	14	5			1					57	3.33	7.6608	7.41	1.29
1.60-1.79						4	16	25	17	5	3	2						72	4.21	11.8713	7.77	1.31
1.80-1.99						3	15	24	29	9	2	1				1		84	4.91	16.7836	8.02	1.29
2.00-2.19						4	18	44	25	15	6			3			1	116	6.78	23.5672	8.10	1.49
2.20-2.39						1	24	38	24	6	5			2			1	101	5.91	29.4736	7.97	1.46
2.40-2.59							18	48	32	12	8	1	3			2		124	7.25	36.7251	8.30	1.53
2.60-2.79							4	41	36	16	5	4	2					108	6.32	43.0409	8.46	1.16
2.80-2.99							7	45	52	10	9	2	1	1				127	7.43	50.4678	8.38	1.19
3.00-3.19						1	4	25	36	22	9	2	3					102	5.96	56.4327	8.73	1.28
3.20-3.39							2	24	35	19	12	1	2					95	5.56	61.9882	8.78	1.20
3.40-3.59							1	20	26	15	5		1	1				69	4.04	66.0233	8.67	1.17
3.60-3.79								15	23	15	5	3	2			1		64	3.74	69.7660	9.08	1.55
3.80-3.99								7	10	9	6	4	1	2				39	2.28	72.0467	9.57	1.64
4.00-4.19								3	19	14	5	2						43	2.51	74.5613	9.14	0.96
4.20-4.39									21	14	8	1	2					46	2.69	77.2513	9.38	1.01
4.40-4.59								2	15	21	5	2	3			1		49	2.87	80.1168	9.67	1.48
4.60-4.79								2	12	23	8	5		2				52	3.04	83.1578	9.71	1.20
4.80-4.99									4	17	5	4	1	2				33	1.93	85.0876	10.12	1.30
5.00-5.19									10	21	8	1	1					41	2.40	87.4852	9.61	0.81
5.20-5.39									4	20	3	1	2	1				31	1.81	89.2981	9.86	1.14
5.40-5.59									4	17	10	1						32	1.87	91.1694	9.73	0.72
5.60-5.79									5	14	5	1	1	1				27	1.58	92.7484	9.83	1.19
5.80-5.99										10	1	2						13	0.76	93.5086	9.81	0.83
>=6.00										22	39	26	13	6	5			111	6.49	99.9998	11.16	1.29

SUM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1710
MARG. PROB.	0.00	0.00	0.00	0.00	0.58	1.81	8.60	22.92	26.90	20.88	10.12	3.92	2.51	0.99	0.76	
CUM. PROB.	0.00	0.00	0.00	0.00	0.58	2.40	10.99	33.92	60.82	81.70	91.81	95.73	98.25	99.24	100.00	
MEAN	0.00	0.00	0.00	0.00	1.16	1.57	2.01	2.57	3.10	4.07	4.57	5.29	4.97	5.95	4.74	
STDEV.	0.00	0.00	0.00	0.00	0.15	0.46	0.57	0.69	1.00	1.34	1.84	2.09	2.58	2.75	3.11	

MEAN HMO : 3.37 MEAN TP : 8.76
 ST.DEV. HMO : 1.60 ST.DEV. TP : 1.64
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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	SUM	PROB.	PROB.	MEAN	STDEV.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19																	0	0.00	0.0000	0.00	0.00	
0.20-0.39																	0	0.00	0.0000	0.00	0.00	
0.40-0.59																	0	0.00	0.0000	0.00	0.00	
0.60-0.79							1	2									3	0.16	0.1554	6.19	0.65	
0.80-0.99							2	8									10	0.52	0.6736	6.39	0.51	
1.00-1.19							3	10	9	5	4						31	1.61	2.2798	7.39	1.12	
1.20-1.39							6	13	13	10	4	1			1	1	49	2.54	4.8187	7.59	1.65	
1.40-1.59							5	19	18	8	3	1				1	55	2.85	7.6684	7.44	1.34	
1.60-1.79							4	16	17	12	8	1					58	3.01	10.6736	7.63	1.17	
1.80-1.99							3	17	29	19	13	4	1				86	4.46	15.1295	7.91	1.29	
2.00-2.19							1	29	37	23	13	4	2				109	5.65	20.7772	7.82	1.17	
2.20-2.39							2	38	50	27	14	8	2				141	7.31	28.0829	7.84	1.23	
2.40-2.59							1	15	45	44	12	7	1			1	126	6.53	34.6114	8.19	1.31	
2.60-2.79								8	46	35	15	5	1				110	5.70	40.3109	8.16	0.98	
2.80-2.99								9	43	43	22	5	1			1	124	6.42	46.7357	8.33	1.11	
3.00-3.19								7	46	26	24	10	4	2			119	6.17	52.9015	8.54	1.30	
3.20-3.39						1	3	36	37	17	5	3	2		1	2	107	5.54	58.4456	8.77	1.80	
3.40-3.59								2	39	41	17	8	2	2			111	5.75	64.1968	8.55	1.10	
3.60-3.79									14	33	31	9	3	2	1		93	4.82	69.0155	9.11	1.17	
3.80-3.99									21	49	13	12	3	2			100	5.18	74.1968	8.87	1.09	
4.00-4.19									2	30	24	7	3	1			67	3.47	77.6683	9.20	0.90	
4.20-4.39									10	19	19	7	1	1	1		58	3.01	80.6735	9.08	1.15	
4.40-4.59									4	22	24	10				1	61	3.16	83.8341	9.29	1.01	
4.60-4.79									1	19	14	5	1				40	2.07	85.9066	9.16	0.76	
4.80-4.99										12	17	13	3	1	1		47	2.44	88.3419	9.73	1.05	
5.00-5.19									1	5	12	8	4		2		32	1.66	89.9999	9.89	1.37	
5.20-5.39										2	9	12	2	1		1	27	1.40	91.3988	10.25	1.30	
5.40-5.59										6	11	2	5			1	25	1.30	92.6942	9.93	1.26	
5.60-5.79										1	8	6	5				21	1.09	93.7822	10.45	1.35	
5.80-5.99											5	7	1	1			14	0.73	94.5076	10.40	0.80	
>=6.00										2	17	45	25	7	7	3	106	5.49	99.9998	11.02	1.27	
SUM		0	0	0	0	0	29	196	481	530	370	202	73	23	17	9	1930					
MARG. PROB.		0.00	0.00	0.00	0.00	0.00	1.50	10.16	24.92	27.46	19.17	10.47	3.78	1.19	0.88	0.47						
CUM. PROB.		0.00	0.00	0.00	0.00	0.00	1.50	11.66	36.58	64.04	83.21	93.68	97.46	98.65	99.53	100.00						
MEAN		0.00	0.00	0.00	0.00	0.00	1.57	2.02	2.70	3.25	3.77	4.60	5.18	5.04	5.37	5.11						
STDEV.		0.00	0.00	0.00	0.00	0.00	0.53	0.60	0.76	0.97	1.27	1.61	1.78	2.22	2.15	2.30						

MEAN HMO : 3.33 MEAN TP : 8.64
 ST.DEV. HMO : 1.41 ST.DEV. TP : 1.52
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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. CUM.		MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	SUM PROB.	PROB.						
0.00-0.19							1	3										4	0.02	0.0190	6.34	0.43	
0.20-0.39				4	20	11	8	1	6	2	1							53	0.25	0.2713	5.67	1.69	
0.40-0.59				13	59	89	91	61	29	16	4							362	1.72	1.9943	6.33	1.45	
0.60-0.79				14	102	226	204	160	89	25	13	4						1	838	3.99	5.9829	6.52	1.46
0.80-0.99				7	143	340	307	185	87	60	29	12	5	3				3	1181	5.62	11.6040	6.62	1.67
1.00-1.19				4	129	382	390	233	123	72	47	11	6	6				1	1404	6.68	18.2865	6.75	1.63
1.20-1.39					72	369	425	293	134	86	46	18	11	4				3	1461	6.95	25.2403	6.98	1.63
1.40-1.59				1	26	330	488	362	194	81	33	16	9	5				1	1546	7.36	32.5987	7.09	1.45
1.60-1.79					9	216	497	354	185	91	44	15	5	3				1	1420	6.76	39.3574	7.25	1.39
1.80-1.99						138	453	378	224	131	45	12	7	4				2	1394	6.63	45.9924	7.50	1.38
2.00-2.19						69	432	420	215	121	48	8	7	2				3	1325	6.31	52.2989	7.58	1.31
2.20-2.39						42	330	425	215	105	53	14	7	1				4	1196	5.69	57.9914	7.77	1.36
2.40-2.59						11	235	362	229	94	51	13	9	4				6	1014	4.83	62.8177	7.98	1.42
2.60-2.79						1	155	345	241	127	51	22	5	1				2	950	4.52	67.3393	8.14	1.27
2.80-2.99							105	319	220	99	65	21	5	5				5	844	4.02	71.3564	8.32	1.45
3.00-3.19						1	60	266	217	125	66	29	9					4	777	3.70	75.0547	8.54	1.46
3.20-3.39						1	25	237	232	110	52	18	18	2				4	699	3.33	78.3816	8.63	1.42
3.40-3.59							8	207	232	121	50	16	13	5				1	653	3.11	81.4897	8.71	1.27
3.60-3.79							2	124	189	128	48	28	14	4				2	539	2.57	84.0551	9.00	1.36
3.80-3.99							1	91	201	90	53	21	9	6				1	473	2.25	86.3064	9.04	1.32
4.00-4.19								33	157	124	45	17	13	2				2	393	1.87	88.1769	9.26	1.21
4.20-4.39								22	131	90	45	22	15	7				4	336	1.60	89.7762	9.52	1.45
4.40-4.59								9	97	119	52	13	13	5				3	311	1.48	91.2564	9.62	1.35
4.60-4.79								9	91	82	43	15	7	5				2	254	1.21	92.4653	9.58	1.28
4.80-4.99									71	99	51	16	10	6				1	254	1.21	93.6743	9.78	1.20
5.00-5.19								2	52	83	40	12	4	4					197	0.94	94.6119	9.68	1.09
5.20-5.39									34	81	32	16	9	3				1	176	0.84	95.4496	9.90	1.22
5.40-5.59									24	74	29	16	2	4				3	152	0.72	96.1731	10.02	1.27
5.60-5.79									15	70	24	12	4	3				3	131	0.62	96.7966	10.04	1.33
5.80-5.99									4	40	30	9	3					1	87	0.41	97.2107	10.20	0.98
>=6.00									6	121	219	133	47	33				27	586	2.79	99.9998	11.07	1.41

SUM	0	0	0	43	560	2227	4219	4898	3944	2667	1409	559	266	127	91	21010					
MAR. PROB.	0.00	0.00	0.00	0.20	2.67	10.60	20.08	23.31	18.77	12.69	6.71	2.66	1.27	0.60	0.43						
CUM. PROB.	0.00	0.00	0.00	0.20	2.87	13.47	33.55	56.86	75.64	88.33	95.04	97.70	98.96	99.57	100.00						
MEAN	0.00	0.00	0.00	0.69	0.94	1.26	1.70	2.22	2.83	3.42	3.82	4.29	4.14	4.58	4.59						
STDEV.	0.00	0.00	0.00	0.26	0.30	0.43	0.63	0.87	1.18	1.51	1.85	2.06	2.09	2.46	2.58						

MEAN HMO : 2.45 MEAN TP : 7.86

ST.DEV. HMO : 1.44 ST.DEV. TP : 1.84

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

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0313 OSLO 3, NORWAY.

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JANUARY 1981 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	SUM	PROB.	PROB.	MEAN	STDEV.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19																0	0.00	0.0000	0.00	0.00		
0.20-0.39																0	0.00	0.0000	0.00	0.00		
0.40-0.59																0	0.00	0.0000	0.00	0.00		
0.60-0.79						1	1		1	6						9	1.12	1.1236	7.49	1.56		
0.80-0.99						3	2	3			2	2				2	14	1.75	2.8714	8.45	4.39	
1.00-1.19						6	8	1	3			3				4	25	3.12	5.9925	8.20	4.90	
1.20-1.39						4	7	7	6	1		5	2	1		3	36	4.49	10.4869	8.46	4.53	
1.40-1.59						4	16	16	8	3	1	4	2	4	1	4	63	7.87	18.3521	7.79	2.95	
1.60-1.79						1	17	12	9	8	5	2	4	3		61	7.62	25.9675	7.63	2.11		
1.80-1.99							8	12	7	8	2			4		41	5.12	31.0861	7.63	1.93		
2.00-2.19								14	13	10	3		1	1		43	5.37	36.4544	7.91	1.61		
2.20-2.39							2	6	16	7	5	1	1	3	1	42	5.24	41.6978	8.29	1.88		
2.40-2.59								9	15	16	3			1	1	45	5.62	47.3158	7.99	1.39		
2.60-2.79							1	5	11	9	6	1	1	2		36	4.49	51.8102	8.37	1.61		
2.80-2.99								3	11	13	7	2	1	2		40	4.99	56.8039	8.87	1.69		
3.00-3.19									15	10	5	2		2	1	35	4.37	61.1735	8.73	1.56		
3.20-3.39									11	11	3	2	1	1	1	30	3.75	64.9188	8.77	1.46		
3.40-3.59									6	9	3	1	1		1	21	2.62	67.5405	8.80	1.50		
3.60-3.79									9	17	9	1				36	4.49	72.0349	8.60	0.84		
3.80-3.99									2	15	9					26	3.25	75.2808	8.69	0.56		
4.00-4.19									3	10	12	2	1		1	29	3.62	78.9013	9.30	1.18		
4.20-4.39										15	17	5	1			38	4.74	83.6453	9.28	0.78		
4.40-4.59										7	6	5		1	1	20	2.50	86.1422	9.74	1.35		
4.60-4.79										6	5	4		1		16	2.00	88.1397	9.60	0.96		
4.80-4.99										4	5	8	1			18	2.25	90.3869	9.86	0.78		
5.00-5.19										1	6	6	2			15	1.87	92.2595	10.14	0.76		
5.20-5.39										1	4	7	1	1	1	15	1.87	94.1322	10.59	1.12		
5.40-5.59											3	1		1		5	0.62	94.7564	10.36	1.23		
5.60-5.79											4	3		1		8	1.00	95.7551	10.22	1.05		
5.80-5.99											1	4	3	1		9	1.12	96.8787	10.93	0.87		
>=6.00											1	6	10	7	1	25	3.12	99.9998	11.42	0.86		

SUM	0	0	0	0	19	62	88	146	187	127	77	33	37	10	15	801
MARG. PROB.	0.00	0.00	0.00	0.00	2.37	7.74	10.99	18.23	23.35	15.86	9.61	4.12	4.62	1.25	1.87	
CUM. PROB.	0.00	0.00	0.00	0.00	2.37	10.11	21.10	39.33	62.67	78.53	88.14	92.26	96.88	98.13	100.00	
MEAN	0.00	0.00	0.00	0.00	1.24	1.55	1.91	2.55	3.16	3.79	4.12	4.39	3.81	3.80	1.43	
STDEV.	0.00	0.00	0.00	0.00	0.25	0.36	0.48	0.74	1.02	1.13	1.74	2.27	2.55	1.80	0.54	

MEAN HMO : 2.99 MEAN TP : 8.66

ST.DEV. HMO : 1.48 ST.DEV. TP : 2.28

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

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FEBRUARY 1981 - 1985

	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.				
HMO		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39												2	2				4	0.51	0.5141	10.98	0.62
0.40-0.59						5	1				1	1	4				12	1.54	2.0566	7.87	3.41
0.60-0.79				3	12	14			2	1	1	5	9	7	2	1	57	7.33	9.3830	8.05	3.41
0.80-0.99				2	14	25	3		2	3	9	6	2	6	4	8	84	10.80	20.1799	8.22	3.59
1.00-1.19				1	8	15	7		4	3	4	3	10	5	3	4	67	8.61	28.7918	8.52	3.38
1.20-1.39					6	18	30		7	3	4	3	5	3		3	82	10.54	39.3316	7.36	2.51
1.40-1.59					5	19	26		7	6		2	4	1			70	9.00	48.3290	6.90	1.75
1.60-1.79						17	27		8	1	2	3	4			1	63	8.10	56.4267	7.23	2.18
1.80-1.99						5	28		24	4	2				1	2	66	8.48	64.9100	7.45	2.08
2.00-2.19						3	19		16	2				1	1	1	44	5.66	70.5655	7.59	2.34
2.20-2.39							8		16	5	2	2					33	4.24	74.8071	7.74	1.13
2.40-2.59							10		8	6							24	3.08	77.8920	7.34	0.76
2.60-2.79							1		9	10	3		3				26	3.34	81.2338	8.47	1.34
2.80-2.99							1		7	6	3		1	1			19	2.44	83.6760	8.45	1.42
3.00-3.19							1		3	12	2	1	1	1			21	2.70	86.3752	8.88	1.31
3.20-3.39									4	10	3	1					18	2.31	88.6888	8.58	0.82
3.40-3.59									2	9	2	1	1				15	1.93	90.6168	8.92	1.08
3.60-3.79									4	12	1		1	1			19	2.44	93.0590	8.74	1.21
3.80-3.99										9	1				1		11	1.41	94.4729	9.13	1.17
4.00-4.19										6	3	1					10	1.29	95.7582	8.90	0.65
4.20-4.39										4	5						9	1.16	96.9150	9.15	0.45
4.40-4.59										2	2	1	1				6	0.77	97.6862	9.70	1.18
4.60-4.79										1	2						3	0.39	98.0718	9.32	0.44
4.80-4.99										1	1	2					4	0.51	98.5859	9.62	0.63
5.00-5.19											2						2	0.26	98.8430	9.62	0.33
5.20-5.39												1					1	0.13	98.9715	10.45	0.00
5.40-5.59											2					1	3	0.39	99.3571	11.28	2.72
5.60-5.79														1			1	0.13	99.4856	12.34	0.00
5.80-5.99													1				1	0.13	99.6142	11.25	0.00
>=6.00													2	1			3	0.39	99.9997	11.80	0.68
SUM		0	0	0	6	50	117	161	123	116	57	35	52	30	10	21	778				
MAR.PROB.		0.00	0.00	0.00	0.77	6.43	15.04	20.69	15.81	14.91	7.33	4.50	6.68	3.86	1.29	2.70					
CUM.PROB.		0.00	0.00	0.00	0.77	7.20	22.24	42.93	58.74	73.65	80.98	85.48	92.16	96.02	97.30	100.00					
MEAN		0.00	0.00	0.00	0.83	0.94	1.25	1.73	2.16	2.97	2.74	1.82	1.66	1.69	1.07	1.38					
STDEV.		0.00	0.00	0.00	0.18	0.29	0.38	0.41	0.65	0.95	1.52	1.43	1.45	1.50	0.41	1.02					

MEAN HMO : 1.91 MEAN TP : 7.97
 ST.DEV. HMO : 1.08 ST.DEV. TP : 2.51

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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E K O F I S K

MARCH 1981 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14					>=14
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39												1	1			2	0.22	0.2155	10.73	0.56
0.40-0.59			1						1	2		2	1	1	1	9	0.97	1.1853	9.50	3.28
0.60-0.79				2	3	4	3	4	6	7		2		1	4	36	3.88	5.0647	8.60	3.44
0.80-0.99				2	9	17	8	3	8	3	3	4	4	1	6	68	7.33	12.3922	7.97	3.44
1.00-1.19			1	7	28	17	3	3	3	3	2	2	1		67	7.22	19.6121	6.41	1.81	
1.20-1.39				4	19	23	3	8	11	4	1		1		74	7.97	27.5862	7.24	1.94	
1.40-1.59				4	24	27	13	8	5	6	4	1	1	3	96	10.34	37.9310	7.53	2.70	
1.60-1.79				2	18	10	14	6	5	2		1		2	60	6.47	44.3965	7.44	2.56	
1.80-1.99					5	19	20	6	2	2	3		1	2	60	6.47	50.8620	7.93	2.48	
2.00-2.19				1	4	18	24	9	3	2	2	2			65	7.00	57.8663	7.67	1.60	
2.20-2.39					1	14	22	8	6	9	3	4	1	1	69	7.44	65.3017	8.65	2.28	
2.40-2.59						1	4	19	11	6	1	3	1	1	47	5.06	70.3663	8.43	1.63	
2.60-2.79							4	11	15	11	7	1	2	1	1	53	5.71	76.0775	9.03	1.72
2.80-2.99								6	14	1	1	2	1	1	4	30	3.23	79.3103	9.65	2.53
3.00-3.19						2	4	11	8	4	3	4	1		37	3.99	83.2973	9.51	1.72	
3.20-3.39						1	6	11	4		2	2	1		27	2.91	86.2068	9.00	1.72	
3.40-3.59						1	2	8	4	2	2	1	1	1	22	2.37	88.5775	9.58	1.89	
3.60-3.79							3	7	4	1	3	2			20	2.16	90.7327	9.56	1.66	
3.80-3.99								2	14	3	1	1		1	22	2.37	93.1033	8.97	1.33	
4.00-4.19									4	8	2	1			16	1.72	94.8275	9.80	1.31	
4.20-4.39									3	3	2		1		9	0.97	95.7973	9.58	1.20	
4.40-4.59									1	1	2	1			5	0.54	96.3361	10.06	0.83	
4.60-4.79									1	1		1			3	0.32	96.6594	9.78	1.32	
4.80-4.99									1	3	2				6	0.65	97.3059	9.74	0.68	
5.00-5.19										1	3	1			5	0.54	97.8447	10.55	0.87	
5.20-5.39										2		1			3	0.32	98.1680	10.11	0.82	
5.40-5.59											3				3	0.32	98.4912	10.46	0.28	
5.60-5.79											4				4	0.43	98.9223	10.46	0.43	
5.80-5.99															0	0.00	98.9223	0.00	0.00	
>=6.00										2	4	4			10	1.08	99.9998	10.55	0.58	

SUM	0	0	1	5	30	121	151	160	165	107	72	49	28	14	25	928
MAR.PROB.	0.00	0.00	0.11	0.54	3.23	13.04	16.27	17.24	17.78	11.53	7.76	5.28	3.02	1.51	2.69	
CUM.PROB.	0.00	0.00	0.11	0.65	3.88	16.92	33.19	50.43	68.21	79.74	87.50	92.78	95.80	97.31	100.00	
MEAN	0.00	0.00	0.47	0.84	1.13	1.34	1.69	2.18	2.59	2.71	3.05	2.80	2.37	2.22	1.77	
STDV.	0.00	0.00	0.00	0.17	0.31	0.36	0.54	0.66	1.03	1.36	1.69	1.78	0.99	1.11	1.01	

MEAN HMO : 2.18 MEAN TP : 8.26
 ST.DEV. HMO : 1.15 ST.DEV. TP : 2.45
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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APRIL 1981 - 1985

TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
	HMO	1	2	3	4	5	6	7	8	9	10	11	12	13					14	>=14
0.00-0.19															0	0.00	0.0000	0.00	0.00	
0.20-0.39				7				1	4	3	1		1	1	1	19	2.13	2.1348	7.65	3.69
0.40-0.59				6	15	4		1	2	7	1	3	1	1	1	41	4.61	6.7416	6.68	3.13
0.60-0.79				9	25	8	2	2	6	3	2	4	4	3	3	71	7.98	14.7191	7.01	3.63
0.80-0.99				3	17	12	3	6	12	15	15	3	4	6	5	101	11.35	26.0674	8.48	3.21
1.00-1.19				2	14	28	10	8	6	14	10	6	3	4	3	108	12.13	38.2022	7.81	2.95
1.20-1.39					6	37	13	16	6	8	10	3	2		4	105	11.80	50.0000	7.47	2.57
1.40-1.59					6	13	25	8	6	3	7	3	1		2	74	8.31	58.3146	7.42	2.29
1.60-1.79					2	14	23	8	8	2	6	1		1		65	7.30	65.6180	7.22	1.78
1.80-1.99						11	19	12	3	3	4	4	1			57	6.40	72.0224	7.57	1.91
2.00-2.19						3	17	9	9	3	4	4	3	1		53	5.96	77.9775	8.26	2.13
2.20-2.39						2	7	4	3	1	1	2	2	1		23	2.58	80.5617	8.38	2.42
2.40-2.59						1	3	4	3	7	2		2	1		23	2.58	83.1460	8.97	2.09
2.60-2.79							1	3	1	5		1	1	2		14	1.57	84.7190	9.69	2.16
2.80-2.99							4	3	6	11	2	2				28	3.15	87.8651	8.84	1.31
3.00-3.19							2	8	4	2		1	1			18	2.02	89.8875	8.37	1.47
3.20-3.39								2	1	1	4	2				10	1.12	91.0111	9.88	1.53
3.40-3.59								1	3	2		2	2	1		11	1.24	92.2471	10.37	2.04
3.60-3.79										1	1	2				4	0.45	92.6965	11.01	0.89
3.80-3.99									2		3	1				6	0.67	93.3707	10.06	1.25
4.00-4.19										2		1	1			4	0.45	93.8201	10.80	1.54
4.20-4.39									1	4	3		1			9	1.01	94.8313	10.07	0.91
4.40-4.59									1	1	2					4	0.45	95.2807	9.73	0.77
4.60-4.79										3	1	1	1	1		7	0.79	96.0673	11.02	1.48
4.80-4.99										3	1		1	1	1	7	0.79	96.8538	11.68	2.37
5.00-5.19												2				2	0.22	97.0785	11.84	0.10
5.20-5.39												1				1	0.11	97.1908	11.64	0.00
5.40-5.59												2	1	1		4	0.45	97.6403	12.38	0.88
5.60-5.79																0	0.00	97.6403	0.00	0.00
5.80-5.99											1					1	0.11	97.7526	10.56	0.00
>=6.00											1	6	9	2	2	20	2.25	99.9998	12.61	1.31

SUM	0	0	0	27	85	133	129	96	87	104	82	57	42	26	22	890
MARG. PROB.	0.00	0.00	0.00	3.03	9.55	14.94	14.49	10.79	9.78	11.69	9.21	6.40	4.72	2.92	2.47	
CUM. PROB.	0.00	0.00	0.00	3.03	12.58	27.53	42.02	52.81	62.58	74.27	83.48	89.89	94.61	97.53	100.00	
MEAN	0.00	0.00	0.00	0.60	0.89	1.31	1.73	1.81	1.80	2.02	1.98	2.75	3.09	2.28	1.65	
STDEV.	0.00	0.00	0.00	0.21	0.31	0.39	0.48	0.73	0.99	1.30	1.37	1.97	2.36	2.01	1.72	

MEAN HMO : 1.77 MEAN TP : 8.11
 ST.DEV. HMO : 1.26 ST.DEV. TP : 2.82
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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MAY 1981 - 1985

HMO	TP	MAY													MARG. CUM.						
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39				2	5			9	12	13	1						42	5.98	5.9829	7.93	1.83
0.40-0.59			4	9	19	14	5	22	21	18	4	3	1	1			121	17.24	23.2194	7.06	2.41
0.60-0.79				14	26	31	18	22	14	3	3						131	18.66	41.8803	6.08	1.72
0.80-0.99				4	17	7	16	9	8	1							62	8.83	50.7122	6.06	1.54
1.00-1.19					12	24	12	3	3	5							59	8.40	59.1168	6.07	1.44
1.20-1.39					6	16	18	6	4								50	7.12	66.2393	6.24	1.02
1.40-1.59					3	10	12	2	2	5	1						35	4.99	71.2250	6.76	1.52
1.60-1.79						10	14	14	6	9	4						57	8.12	79.3447	7.49	1.49
1.80-1.99						3	11	13	3	5	3						38	5.41	84.7578	7.60	1.34
2.00-2.19							6	11	4	4	3						28	3.99	88.7464	8.00	1.35
2.20-2.39							2	5	3		4						14	1.99	90.7407	8.31	1.31
2.40-2.59								4	1				1				6	0.85	91.5954	8.61	2.06
2.60-2.79					1	1	3	3	2								10	1.42	93.0199	7.91	1.13
2.80-2.99						1	3	3		1			1				9	1.28	94.3019	8.56	1.62
3.00-3.19								4	1	2							7	1.00	95.2990	9.07	1.00
3.20-3.39							1			1	1	1	1				4	0.57	95.8688	10.52	1.86
3.40-3.59										3		1					4	0.57	96.4386	10.03	1.17
3.60-3.79							1		1			1	1				4	0.57	97.0084	10.05	2.74
3.80-3.99										1		1	1				3	0.43	97.4358	11.31	1.53
4.00-4.19									1	1	2		1	1			6	0.85	98.2905	10.63	2.00
4.20-4.39										3			1	1			5	0.71	99.0027	10.54	1.27
4.40-4.59										1							1	0.14	99.1451	9.57	0.00
4.60-4.79																	0	0.00	99.1451	0.00	0.00
4.80-4.99								1			2						3	0.43	99.5725	9.97	0.93
5.00-5.19											1						1	0.14	99.7149	10.24	0.00
5.20-5.39																	0	0.00	99.7149	0.00	0.00
5.40-5.59											1						1	0.14	99.8574	10.89	0.00
5.60-5.79																	0	0.00	99.8574	0.00	0.00
5.80-5.99											1						1	0.14	99.9998	10.45	0.00
>=6.00																	0	0.00	99.9998	0.00	0.00

SUM	0	0	4	29	88	116	117	127	94	75	34	8	8	2	0	702
MARG. PROB.	0.00	0.00	0.57	4.13	12.54	16.52	16.67	18.09	13.39	10.68	4.84	1.14	1.14	0.28	0.00	
CUM. PROB.	0.00	0.00	0.57	4.70	17.24	33.76	50.43	68.52	81.91	92.59	97.44	98.58	99.72	100.00	100.00	
MEAN	0.00	0.00	0.48	0.64	0.79	1.05	1.33	1.29	1.26	1.41	2.37	2.52	3.12	2.33	0.00	
STDEV.	0.00	0.00	0.05	0.15	0.29	0.43	0.55	0.78	1.01	1.19	1.57	1.73	1.24	2.59	0.00	

MEAN HMO : 1.26 MEAN TP : 7.03
 ST. DEV. HMO : 0.91 ST. DEV. TP : 2.01

THE NORWEGIAN METEOROLOGICAL INSTITUTE.
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 0313 OSLO 3, NORWAY.

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JUNE 1980 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39			2	16	5	6	2	14	13	2	4	3	4	2		73	5.69	5.6854	7.09	2.98
0.40-0.59			8	40	27	13	2	7	11	3	2	1	1		2	117	9.11	14.7975	5.27	2.44
0.60-0.79				12	49	29	14	3	6	2	1	2	2		2	122	9.50	24.2991	5.68	2.15
0.80-0.99				3	32	40	21	13	3	6	3	1	1	1	1	125	9.74	34.0343	6.22	2.00
1.00-1.19					20	40	33	21	9	5						128	9.97	44.0031	6.29	1.30
1.20-1.39					8	23	42	26	15	2	2					118	9.19	53.1931	6.75	1.21
1.40-1.59					5	32	45	26	15	2	3					128	9.97	63.1620	6.75	1.19
1.60-1.79					3	9	34	29	15	7	1					98	7.63	70.7943	7.23	1.18
1.80-1.99						9	15	29	20	6	1					80	6.23	77.0249	7.55	1.15
2.00-2.19						3	9	20	23	7	1					63	4.91	81.9314	7.94	1.13
2.20-2.39							9	14	14	7	2					46	3.58	85.5139	8.13	1.14
2.40-2.59						1	5	14	16	5	2					43	3.35	88.8629	8.07	1.02
2.60-2.79							1	5	12	8	3		2			31	2.41	91.2772	8.90	1.03
2.80-2.99								6	14	5	4					29	2.26	93.5357	8.74	0.92
3.00-3.19								1	3	8	4	5				21	1.64	95.1712	8.93	1.05
3.20-3.39									3	8	4	5				20	1.56	96.7289	8.99	0.91
3.40-3.59									2	11	4	3				12	0.93	97.6634	9.41	0.73
3.60-3.79										5	5	2				13	1.01	98.6759	9.43	1.08
3.80-3.99										6	3	3		1		13	0.93	99.6105	9.61	0.85
4.00-4.19										4	4	3		1		12	0.93	99.6105	9.61	0.85
4.20-4.39										2	1					3	0.23	99.8441	8.94	0.35
4.40-4.59																0	0.00	99.8441	0.00	0.00
4.60-4.79																0	0.00	99.8441	0.00	0.00
4.80-4.99																0	0.00	99.8441	0.00	0.00
5.00-5.19																0	0.00	99.9999	0.00	0.00
5.20-5.39																0	0.00	99.9999	0.00	0.00
5.40-5.59																0	0.00	99.9999	0.00	0.00
5.60-5.79																0	0.00	99.9999	0.00	0.00
5.80-5.99																0	0.00	99.9999	0.00	0.00
>=6.00																0	0.00	99.9999	0.00	0.00

SUM	0	0	10	71	149	205	233	232	222	90	45	11	8	3	5	1284				
MARG. PROB.	0.00	0.00	0.78	5.53	11.60	15.97	18.15	18.07	17.29	7.01	3.50	0.86	0.62	0.23	0.39					
CUM. PROB.	0.00	0.00	0.78	6.31	17.91	33.88	52.02	70.09	87.38	94.39	97.90	98.75	99.38	99.61	100.00					
MEAN	0.00	0.00	0.46	0.51	0.81	1.11	1.42	1.62	2.03	2.30	2.29	1.52	0.52	0.49	0.66					
STDEV.	0.00	0.00	0.05	0.14	0.29	0.41	0.45	0.66	0.94	1.05	1.16	1.43	0.21	0.28	0.12					

MEAN HMO : 1.47 MEAN TP : 6.93
 ST.DEV. HMO : 0.85 ST.DEV. TP : 1.98

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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JULY 1980 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	SIDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39				1	4	4	1	5	4	2						21	1.93	1.9337	6.71	1.87
0.40-0.59			2	17	39	26	3	5	14	7	5					118	10.87	12.7993	5.70	2.06
0.60-0.79				24	49	46	15	11	9	7	4	4	4	2	7	182	16.76	29.5580	6.33	2.85
0.80-0.99				13	44	63	23	13	5	4	5	1	1	2	1	175	16.11	45.6722	5.89	1.92
1.00-1.19			1	15	83	25	11	8	2	2	1					148	13.63	59.3002	6.02	1.22
1.20-1.39					12	50	46	15	5	2				1		131	12.06	71.3628	6.20	1.16
1.40-1.59					2	39	28	20	2							91	8.38	79.7421	6.32	0.81
1.60-1.79						6	37	18	3							64	5.89	85.6353	6.74	0.63
1.80-1.99						4	21	26	4			1				56	5.16	90.7918	7.09	0.83
2.00-2.19						1	14	14	1						1	31	2.85	93.6463	7.22	1.27
2.20-2.39							7	13	5							25	2.30	95.9483	7.45	0.70
2.40-2.59							2	7	3	1			1			14	1.29	97.2375	8.07	1.10
2.60-2.79							1	5	3	1			1	2		13	1.20	98.4345	8.87	1.83
2.80-2.99								2	2	1				1		6	0.55	98.9870	9.03	2.05
3.00-3.19								1	2	2				1		6	0.55	99.5395	9.18	1.49
3.20-3.39								1		3						4	0.37	99.9078	8.95	0.96
3.40-3.59									1							1	0.09	99.9999	8.90	0.00
3.60-3.79																0	0.00	99.9999	0.00	0.00
3.80-3.99																0	0.00	99.9999	0.00	0.00
4.00-4.19																0	0.00	99.9999	0.00	0.00
4.20-4.39																0	0.00	99.9999	0.00	0.00
4.40-4.59																0	0.00	99.9999	0.00	0.00
4.60-4.79																0	0.00	99.9999	0.00	0.00
4.80-4.99																0	0.00	99.9999	0.00	0.00
5.00-5.19																0	0.00	99.9999	0.00	0.00
5.20-5.39																0	0.00	99.9999	0.00	0.00
5.40-5.59																0	0.00	99.9999	0.00	0.00
5.60-5.79																0	0.00	99.9999	0.00	0.00
5.80-5.99																0	0.00	99.9999	0.00	0.00
>=6.00																0	0.00	99.9999	0.00	0.00

SUM	0	0	2	56	165	322	223	167	71	32	17	8	10	5	8	1086				
MARG. PROB.	0.00	0.00	0.18	5.16	15.19	29.65	20.53	15.38	6.54	2.95	1.57	0.74	0.92	0.46	0.74					
CUM. PROB.	0.00	0.00	0.18	5.34	20.53	50.18	70.72	86.10	92.63	95.58	97.15	97.88	98.80	99.26	100.00					
MEAN	0.00	0.00	0.56	0.69	0.78	1.05	1.42	1.60	1.33	1.29	0.83	1.25	1.62	1.01	0.71					
STDV.	0.00	0.00	0.00	0.15	0.25	0.33	0.45	0.63	0.85	1.05	0.33	0.82	1.07	0.61	0.07					

MEAN HMO : 1.18 MEAN TP : 6.35
 ST.DEV. HMO : 0.57 ST.DEV. TP : 1.87

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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AUGUST 1980 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39				1	13	15	11	6	3	5	3	2				59	5.23	5.2305	5.60	1.97	
0.40-0.59			4	27	61	19	7	8	8	8	8	5	2	1	2	1	153	13.56	18.7943	5.59	2.46
0.60-0.79				23	41	31	6	6	3	3	5	4	2	1	3	128	11.35	30.1418	5.91	2.67	
0.80-0.99				7	33	39	22	10	5	4	2	5				127	11.26	41.4007	6.01	1.83	
1.00-1.19				4	15	41	21	14	18	8	3	1				125	11.08	52.4822	6.57	1.70	
1.20-1.39				1	7	38	32	12	11	8	2	2	1			114	10.11	62.5886	6.71	1.63	
1.40-1.59					7	40	41	15	12	6	2					123	10.90	73.4928	6.62	1.25	
1.60-1.79					1	17	46	16	6	5	1					92	8.16	81.6489	6.84	1.08	
1.80-1.99						8	23	16	8	1	1					57	5.05	86.7020	7.04	0.98	
2.00-2.19						2	8	9	1	1	2					23	2.04	88.7410	7.38	1.25	
2.20-2.39							4	14	4	2	1					25	2.22	90.9574	7.80	0.94	
2.40-2.59								10	5		1					16	1.42	92.3758	7.82	0.81	
2.60-2.79							1	5	9	1						16	1.42	93.7942	8.12	0.53	
2.80-2.99								8	4	1			1			14	1.24	95.0353	8.19	1.03	
3.00-3.19								3	9	2	2					16	1.42	96.4538	8.65	0.94	
3.20-3.39									4	1	2					7	0.62	97.0743	9.10	1.09	
3.40-3.59								1	5	2	1					9	0.80	97.8722	8.81	0.74	
3.60-3.79										3	1					4	0.35	98.2268	9.45	0.46	
3.80-3.99									2	3	2	1				8	0.71	98.9360	9.65	1.04	
4.00-4.19									1	2						3	0.27	99.2020	9.39	0.60	
4.20-4.39									1			2				3	0.27	99.4679	9.66	1.76	
4.40-4.59																0	0.00	99.4679	0.00	0.00	
4.60-4.79												1				1	0.09	99.5565	10.56	0.00	
4.80-4.99											1					1	0.09	99.6452	9.75	0.00	
5.00-5.19																0	0.00	99.6452	0.00	0.00	
5.20-5.39														1		1	0.09	99.7338	11.25	0.00	
5.40-5.59																0	0.00	99.7338	0.00	0.00	
5.60-5.79																0	0.00	99.7338	0.00	0.00	
5.80-5.99														2		2	0.18	99.9111	12.27	0.31	
>=6.00												1				1	0.09	99.9997	10.89	0.00	
SUM		0	0	5	75	180	246	217	151	120	65	39	17	6	3	4	1128				
MAR.PROB.		0.00	0.00	0.44	6.65	15.96	21.81	19.24	13.39	10.64	5.76	3.46	1.51	0.53	0.27	0.35					
CUM.PROB.		0.00	0.00	0.44	7.09	23.05	44.86	64.10	77.48	88.12	93.88	97.34	98.85	99.38	99.65	100.00					
MEAN		0.00	0.00	0.47	0.60	0.73	1.10	1.41	1.71	1.82	1.75	2.00	1.42	2.50	0.56	0.64					
STDV.		0.00	0.00	0.06	0.22	0.29	0.40	0.44	0.74	0.98	1.21	1.53	1.34	2.62	0.06	0.08					

MEAN HMO : 1.30 MEAN TP : 6.55
 ST.DEV. HMO : 0.82 ST.DEV. TP : 2.01
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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SEPTEMBER 1980 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39					1											1	0.10	0.0987	4.45	0.00
0.40-0.59			2	1	16	9	4	2	3	4	2					43	4.24	4.3435	5.98	2.11
0.60-0.79				3	13	33	6	1	3	8	2					69	6.81	11.1550	6.04	1.82
0.80-0.99				2	23	18	11	11	7	5	8	3			1	89	8.79	19.9408	6.78	2.26
1.00-1.19				2	10	29	15	6	5	6	1	2				76	7.50	27.4432	6.44	1.74
1.20-1.39					10	42	28	11	9	5	8	5	1	1	1	121	11.94	39.3879	7.01	2.11
1.40-1.59					2	25	39	7	5	5	5	4			1	93	9.18	48.5686	7.05	1.85
1.60-1.79					2	17	30	11	3	1	5			2	1	72	7.11	55.6762	7.03	1.77
1.80-1.99					1	13	25	17	8	9	4	1				78	7.70	63.3761	7.35	1.50
2.00-2.19						6	24	23	7	5	4	2	5			76	7.50	70.8785	7.81	1.83
2.20-2.39						3	13	18	4	4	3			1	1	47	4.64	75.5182	7.84	1.61
2.40-2.59							11	21	10	5	5	2				54	5.33	80.8489	8.08	1.32
2.60-2.79							2	15	10	2	1	1	1			32	3.16	84.0078	8.31	1.31
2.80-2.99							6	8	9	3	4	1				31	3.06	87.0680	8.35	1.32
3.00-3.19								4	11	5	1	2			1	25	2.47	89.5359	9.29	1.89
3.20-3.39								7	3	5				1		16	1.58	91.1154	8.66	1.40
3.40-3.59								3	6	4	1				2	16	1.58	92.6948	9.55	2.16
3.60-3.79								1	6	3	1				1	12	1.18	93.8794	9.21	1.91
3.80-3.99									10	2						12	1.18	95.0640	8.66	0.32
4.00-4.19									1	2	1					4	0.39	95.4589	9.60	0.83
4.20-4.39									4	5	2					11	1.09	96.5447	9.33	0.79
4.40-4.59										3	2	1				6	0.59	97.1370	10.10	0.74
4.60-4.79										1	3	1				5	0.49	97.6306	10.30	0.57
4.80-4.99										6	2					8	0.79	98.4203	9.85	0.57
5.00-5.19										2	1					3	0.30	98.7165	9.98	0.40
5.20-5.39											2					2	0.20	98.9139	10.61	0.23
5.40-5.59										2	1	1				4	0.39	99.3087	10.17	0.90
5.60-5.79																0	0.00	99.3087	0.00	0.00
5.80-5.99										1	2					3	0.30	99.6049	10.35	0.76
>=6.00										2	2					4	0.39	99.9997	10.02	0.66

SUM	0	0	2	8	78	195	214	166	124	105	73	26	12	5	5	1013
MARG. PROB.	0.00	0.00	0.20	0.79	7.70	19.25	21.13	16.39	12.24	10.37	7.21	2.57	1.18	0.49	0.49	
CUM. PROB.	0.00	0.00	0.20	0.99	8.69	27.94	49.06	65.45	77.69	88.06	95.26	97.83	99.01	99.51	100.00	
MEAN	0.00	0.00	0.44	0.81	0.90	1.23	1.66	2.10	2.45	2.66	2.59	2.13	2.18	1.51	2.98	
STDEV.	0.00	0.00	0.01	0.21	0.32	0.43	0.51	0.68	1.03	1.53	1.63	1.23	0.56	0.54	1.01	

MEAN HMO : 1.87 MEAN TP : 7.41

ST.DEV. HMO : 1.06 ST.DEV. TP : 2.04

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

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OCTOBER 1980 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	SIDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59																0	0.00	0.0000	0.00	0.00	
0.60-0.79			1	1	3	3	1		2	1				1	1	14	1.52	1.5234	6.84	3.32	
0.80-0.99				5	11	8	1	3	1	3	1	3	2			1	39	4.24	5.7671	6.74	2.99
1.00-1.19			1	6	10	9	2	4	2	4						2	40	4.35	10.1197	7.06	2.64
1.20-1.39				4	8	13	5	6	5	1	3				1	2	48	5.22	15.3428	7.77	2.56
1.40-1.59				2	11	15	10	4	5	4	2	1	1	2		57	6.20	21.5452	7.80	2.36	
1.60-1.79				3	14	20	14	2	7		5	4				69	7.51	29.0533	7.50	2.12	
1.80-1.99				2	11	26	16	1	8	2	6	2				74	8.05	37.1055	7.56	1.92	
2.00-2.19					2	26	23	7	3	1	4	3	1			70	7.62	44.7225	7.81	1.80	
2.20-2.39					3	15	30	12	5	4		3	1			73	7.94	52.6659	8.01	1.60	
2.40-2.59						6	21	12	2		2	4	2			49	5.33	57.9978	8.46	1.94	
2.60-2.79						6	24	17	8	6		2				63	6.86	64.8530	8.37	1.34	
2.80-2.99						3	13	18	7	3	4	2			2	52	5.66	70.5114	9.00	1.90	
3.00-3.19						4	9	16	6	7	3	1	4	2		52	5.66	76.1697	9.48	2.14	
3.20-3.39						1	3	15	3	1	2	4	1	2		32	3.48	79.6517	9.75	2.06	
3.40-3.59							5	15	5	3	1	2	3	1		35	3.81	83.4602	9.68	2.12	
3.60-3.79							2	6	6	3	1	1			1	20	2.18	85.6365	9.76	1.87	
3.80-3.99							2	6	5	4	1	3	1			22	2.39	88.0304	9.77	1.65	
4.00-4.19							1	6	6	4		1	1			19	2.07	90.0978	9.71	1.30	
4.20-4.39								10	4	5	2	1				22	2.39	92.4917	9.62	1.24	
4.40-4.59								2	7	6	5					20	2.18	94.6680	10.14	0.97	
4.60-4.79								1	6	1						8	0.87	95.5385	9.59	0.35	
4.80-4.99								2	1		1					4	0.44	95.9737	9.70	1.39	
5.00-5.19									1	2						3	0.33	96.3002	9.98	0.36	
5.20-5.39									1	2	2	1				6	0.65	96.9530	10.00	1.09	
5.40-5.59									1	2	4	1				8	0.87	97.8235	10.15	0.83	
5.60-5.79										2	1	4				7	0.76	98.5852	10.77	0.82	
5.80-5.99										2	3	1			1	7	0.76	99.3469	10.98	1.55	
>=6.00										1	4	1				6	0.65	99.9998	10.43	0.47	

SUM	0	0	1	7	31	70	146	183	167	115	76	53	37	17	16	919				
MAR.PROB.	0.00	0.00	0.11	0.76	3.37	7.62	15.89	19.91	18.17	12.51	8.27	5.77	4.03	1.85	1.74					
CUM.PROB.	0.00	0.00	0.11	0.87	4.24	11.86	27.75	47.66	65.83	78.35	86.62	92.38	96.41	98.26	100.00					
MEAN	0.00	0.00	0.61	0.89	1.14	1.46	1.91	2.33	2.97	3.14	3.64	3.08	2.60	2.76	2.51					
STDV.	0.00	0.00	0.00	0.14	0.36	0.40	0.49	0.61	0.92	1.34	1.49	1.56	0.92	0.95	1.37					

MEAN HMO : 2.53 MEAN TP : 8.41

ST.DEV. HMO : 1.16 ST.DEV. TP : 2.23

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,

0313 OSLO 3, NORWAY.

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NOVEMBER 1980 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59								4								4	0.44	0.4425	6.35	0.18	
0.60-0.79			1					2	3							6	0.66	1.1062	6.35	1.79	
0.80-0.99				1			3	2	4	5		1				16	1.77	2.8761	7.28	1.77	
1.00-1.19			1	2		6	2				5	1		1		18	1.99	4.8673	7.11	2.42	
1.20-1.39					5	4	9	3	1	7	4					33	3.65	8.5177	7.39	2.00	
1.40-1.59					1	10	9	7	4	5	1			2		39	4.31	12.8319	7.39	1.88	
1.60-1.79					1	8	17	9	2	1	4					42	4.65	17.4779	6.94	1.42	
1.80-1.99						7	26	20	3	2	3	1	2			64	7.08	24.5575	7.32	1.48	
2.00-2.19						4	16	12	11	6	5	1				55	6.08	30.6416	7.81	1.44	
2.20-2.39						2	19	17	12	6	1	3	1			61	6.75	37.3893	7.82	1.50	
2.40-2.59							9	27	9	4	2	6			1	58	6.42	43.8053	8.28	1.70	
2.60-2.79						1	10	27	18	3	1	1	1		1	63	6.97	50.7743	7.99	1.44	
2.80-2.99							4	16	25	5	2	1	1	1		55	6.08	56.8584	8.43	1.33	
3.00-3.19							6	17	15	6	4	1	1	1	2	53	5.86	62.7212	8.64	1.83	
3.20-3.39							2	10	23	9		2	1			47	5.20	67.9203	8.57	1.07	
3.40-3.59							1	5	19	6		2			1	34	3.76	71.6813	8.86	1.33	
3.60-3.79								2	17	14	4	3	2			42	4.65	76.3273	9.35	1.17	
3.80-3.99								1	12	12	5	1	2	2		35	3.87	80.1990	9.67	1.41	
4.00-4.19								1	9	8	2					20	2.21	82.4114	9.00	0.80	
4.20-4.39									3	13	2	1				19	2.10	84.5132	9.46	0.57	
4.40-4.59									5	7	8	2			1	23	2.54	87.0574	9.93	1.27	
4.60-4.79									1	11	5	3				20	2.21	89.2698	9.95	0.95	
4.80-4.99									2	4	3	1				10	1.11	90.3760	9.90	0.99	
5.00-5.19										7	3	3				13	1.44	91.8140	10.19	0.88	
5.20-5.39										1	7	1	1	3		13	1.44	93.2521	10.38	1.38	
5.40-5.59											7	1	2	2		12	1.33	94.5795	10.39	1.05	
5.60-5.79											1	3		1	1	6	0.66	95.2432	11.19	1.42	
5.80-5.99										1	1	3	2	1		8	0.88	96.1282	10.55	1.05	
>=6.00											3	16	7	3	2	4	35	3.87	99.9998	11.45	1.50
SUM		0	0	1	2	9	45	138	181	198	160	85	44	24	7	10	904				
MARG. PROB.		0.00	0.00	0.11	0.22	1.00	4.98	15.27	20.02	21.90	17.70	9.40	4.87	2.65	0.77	1.11					
CUM. PROB.		0.00	0.00	0.11	0.33	1.33	6.31	21.57	41.59	63.50	81.19	90.60	95.46	98.12	98.89	100.00					
MEAN		0.00	0.00	0.75	1.03	1.32	1.60	2.00	2.45	3.09	3.66	4.15	4.23	4.40	5.60	5.74					
STDEV.		0.00	0.00	0.00	0.16	0.17	0.39	0.59	0.65	0.83	1.29	1.79	1.59	2.59	3.09	3.40					

MEAN HMO : 3.04 MEAN TP : 8.49
 ST.DEV. HMO : 1.47 ST.DEV. TP : 1.85
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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DECEMBER 1980 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. SUM	CUM. PROB.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14					>=14	
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59																2	0.23	0.2255	4.10	0.34	
0.60-0.79				1	1											3	40	4.51	4.7351	7.84	3.84
0.80-0.99				2	9	7	3	2	1	8	5					3	24	2.71	7.4408	8.59	4.11
1.00-1.19				1	2	5	5	1	1	3	1	1	1	1	3	45	5.07	12.5141	8.21	3.57	
1.20-1.39				1	4	11	8	3	3	6	2	4	1	2	2	58	6.54	19.0530	7.85	2.72	
1.40-1.59					2	16	13	5	8	4	2	1	2	3	2	47	5.30	24.3517	7.63	2.50	
1.60-1.79					1	12	15	6	4	3	3				1	2	47	5.30	24.3517	7.63	2.50
1.80-1.99						8	18	11	4	3	5	1				3	53	5.98	30.3269	7.92	2.44
2.00-2.19					2	6	11	25	10	4	1	3	2			2	66	7.44	37.7677	7.96	2.14
2.20-2.39						4	12	18	16	5	2	2	2			61	6.88	44.6448	8.04	1.53	
2.40-2.59							9	26	16	6	4	2	2		1	66	7.44	52.0856	8.33	1.56	
2.60-2.79						1	11	20	21	2	1	7				63	7.10	59.1882	8.16	1.42	
2.80-2.99							5	12	26	3				1	1	1	49	5.52	64.7125	8.46	1.88
3.00-3.19							3	5	28	8	2	3				1	50	5.64	70.3494	8.75	1.77
3.20-3.39								9	17	8		1	1		2	38	4.28	74.6335	9.11	1.87	
3.40-3.59								5	7	7	1	1	2			23	2.59	77.2265	9.10	1.40	
3.60-3.79							2	1	15	12			1			31	3.49	80.7215	8.75	0.88	
3.80-3.99								2	15	7	1					25	2.82	83.5399	8.81	0.71	
4.00-4.19								2	15	7	3	1			1	29	3.27	86.8094	9.19	1.22	
4.20-4.39									6	12	2			1	1	22	2.48	89.2897	9.66	1.20	
4.40-4.59									3	8	1			2		14	1.58	90.8680	9.71	1.17	
4.60-4.79									3	1	4	1	2		1	12	1.35	92.2209	10.43	1.73	
4.80-4.99									4	6	6	2	1		2	21	2.37	94.5884	10.38	1.67	
5.00-5.19									1		4		2			7	0.79	95.3776	10.71	1.31	
5.20-5.39										3	4	1			1	9	1.01	96.3922	10.47	1.33	
5.40-5.59												3				3	0.34	96.7304	11.69	0.20	
5.60-5.79										1	1	2	1			5	0.56	97.2941	11.18	1.17	
5.80-5.99											5		1		1	7	0.79	98.0833	11.36	1.57	
>=6.00										1	6	5	3	1	1	17	1.92	99.9999	11.28	1.18	

SUM	0	0	0	5	21	70	115	153	219	121	72	43	30	12	26	887				
MARG. PROB.	0.00	0.00	0.00	0.56	2.37	7.89	12.97	17.25	24.69	33.64	41.12	48.85	56.38	63.35	70.29					
CUM. PROB.	0.00	0.00	0.00	0.56	2.93	10.82	23.79	41.04	65.73	79.37	87.49	92.33	95.72	97.07	100.00					
MEAN	0.00	0.00	0.00	1.02	1.20	1.56	2.02	2.45	3.08	3.31	3.55	3.55	3.58	2.87	2.47					
STDEV.	0.00	0.00	0.00	0.17	0.40	0.39	0.58	0.60	0.81	1.19	1.87	1.80	1.89	1.84	1.67					

MEAN HMO : 2.75 MEAN TP : 8.57

ST.DEV. HMO : 1.26 ST.DEV. TP : 2.32

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,

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1/ 6 1980 -- 30/ 6 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39				3	39	30	21	9	32	38	23	11	6	5	3	1		221	1.95	1.9523	6.96	2.68
0.40-0.59			21	100	182	86	25	46	61	48	22	14	5	4	4			618	5.46	7.4117	6.04	2.55
0.60-0.79			2	92	223	200	67	55	56	35	22	25	20	10	20			827	7.31	14.7173	6.40	2.74
0.80-0.99				44	212	241	116	76	58	60	51	22	18	15	27			940	8.30	23.0212	6.86	2.77
1.00-1.19				14	117	317	157	76	59	55	32	23	11	8	16			885	7.82	30.8392	6.81	2.38
1.20-1.39				2	76	273	269	113	72	52	45	23	13	4	15			957	8.45	39.2933	7.05	2.23
1.40-1.59					43	255	296	128	75	41	37	20	12	7	13			927	8.19	47.4823	7.10	2.01
1.60-1.79					16	159	285	156	60	48	31	17	10	3	5			790	6.98	54.4611	7.22	1.78
1.80-1.99					3	92	243	211	72	43	26	16	10	1	7			724	6.40	60.8568	7.49	1.75
2.00-2.19					3	34	182	199	94	39	23	18	17	4	4			617	5.45	66.3074	7.82	1.74
2.20-2.39						17	116	187	93	43	30	11	16	5	1			519	4.58	70.8922	8.06	1.65
2.40-2.59						3	68	176	108	39	17	16	11	6	1			445	3.93	74.8232	8.22	1.54
2.60-2.79						4	44	138	128	52	20	18	11	3	2			420	3.71	78.5335	8.45	1.49
2.80-2.99							27	95	140	47	19	13	10	3	8			362	3.20	81.7314	8.72	1.67
3.00-3.19							19	72	130	51	30	14	12	7	6			341	3.01	84.7437	8.97	1.72
3.20-3.39							4	56	106	44	14	11	11	3	4			253	2.23	86.9787	9.01	1.54
3.40-3.59							2	30	87	43	12	11	7	6	5			203	1.79	88.7720	9.29	1.66
3.60-3.79							3	22	87	56	15	13	7	2				205	1.81	90.5829	9.18	1.36
3.80-3.99								9	89	47	19	7	7	4				182	1.61	92.1907	9.27	1.23
4.00-4.19								7	55	52	17	4	3	4	1			143	1.26	93.4539	9.42	1.22
4.20-4.39								1	46	66	23	5	5	1				147	1.30	94.7525	9.53	0.99
4.40-4.59									21	36	27	10	3	1	1			99	0.87	95.6271	9.89	1.12
4.60-4.79									13	30	19	7	4	1	1			75	0.66	96.2896	10.01	1.16
4.80-4.99									15	32	26	5	2	1	3			84	0.74	97.0316	10.12	1.33
5.00-5.19									2	19	20	8	2					51	0.45	97.4821	10.30	0.89
5.20-5.39									3	18	17	7	4	2				51	0.45	97.9327	10.45	1.15
5.40-5.59									1	16	11	9	4	1	1			43	0.38	98.3125	10.68	1.23
5.60-5.79										8	12	6	4	1				31	0.27	98.5864	10.79	1.08
5.80-5.99									1	5	19	7	5		2			39	0.34	98.9309	10.95	1.17
>=6.00										10	40	35	23	6	7			121	1.07	99.9998	11.44	1.31

	SUM	0	0	26	291	905	1702	1932	1885	1770	1158	707	401	272	114	157	11320
MARG. PROB.	0.00	0.00	0.23	2.57	7.99	15.04	17.07	16.65	15.64	10.23	6.25	3.54	2.40	1.01	1.39		
CUM. PROB.	0.00	0.00	0.23	2.80	10.80	25.83	42.90	59.55	75.19	85.42	91.66	95.20	97.61	98.61	100.00		
MEAN	0.00	0.00	0.49	0.63	0.86	1.21	1.65	2.03	2.54	2.79	2.99	2.88	2.88	2.46	2.03		
STDEV.	0.00	0.00	0.08	0.21	0.32	0.42	0.54	0.77	1.12	1.48	1.82	1.92	2.04	1.92	1.82		

MEAN HMO : 1.98 MEAN TP : 7.65

ST.DEV. HMO : 1.27 ST.DEV. TP : 2.36

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,

0313 OSLO 3, NORWAY.

STATFJORD

JANUARY 1974 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	SUM	PROB.	PROB.	MEAN	STDEV.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14							
0.00-0.19																0	0.00	0.0000	0.00	0.00		
0.20-0.39																0	0.00	0.0000	0.00	0.00		
0.40-0.59																0	0.00	0.0000	0.00	0.00		
0.60-0.79																0	0.00	0.0000	0.00	0.00		
0.80-0.99																0	0.00	0.0000	0.00	0.00		
1.00-1.19					4	2	2	1	1	4	3	2	1	1	3	24	0.75	0.7514	9.17	3.50		
1.20-1.39				1	2	5			5	4	2	2	2		11	34	1.06	1.8159	10.85	3.66		
1.40-1.59						4	3	7	2	3	1	6	6	2	5	39	1.22	3.0369	10.04	3.13		
1.60-1.79				1	2	5	13	8	6	6	8	7	7	6	6	69	2.16	5.1972	10.03	2.80		
1.80-1.99					6	6	12	15	13	8	13	8	5	6	92	2.88	8.0776	9.82	2.68			
2.00-2.19					2	7	12	22	17	17	10	8	8	10	113	3.54	11.6155	10.08	2.40			
2.20-2.39					5	7	17	23	15	15	10	11	10	7	120	3.76	15.3726	9.98	2.73			
2.40-2.59					4	15	5	18	22	29	14	5	9	17	138	4.32	19.6932	10.39	2.91			
2.60-2.79					1	6	21	27	19	19	18	11	7	12	141	4.41	24.1077	10.13	2.49			
2.80-2.99					2	6	19	31	38	27	29	10	4	11	177	5.54	29.6493	10.05	2.21			
3.00-3.19				1		6	15	32	34	34	17	14	13	9	175	5.48	35.1283	10.23	2.16			
3.20-3.39						6	19	20	34	44	17	11	6	10	167	5.23	40.3569	10.14	1.96			
3.40-3.59						4	12	30	19	32	26	18	12	13	166	5.20	45.5541	10.67	2.25			
3.60-3.79					1		11	22	24	20	22	13	11	8	132	4.13	49.6868	10.63	2.19			
3.80-3.99						1	16	35	19	37	15	21	8	23	175	5.48	55.1659	10.75	2.29			
4.00-4.19							11	27	30	16	10	14	10	17	135	4.23	59.3925	10.82	2.53			
4.20-4.39						2	5	20	29	23	16	20	9	11	135	4.23	63.6192	10.81	2.09			
4.40-4.59							2	18	32	16	11	15	6	6	106	3.32	66.9379	10.61	1.86			
4.60-4.79							5	15	24	28	12	16	8	10	118	3.69	70.6323	10.88	2.01			
4.80-4.99							1	21	26	15	21	13	9	12	118	3.69	74.3267	11.06	2.22			
5.00-5.19							3	7	23	23	17	6	14	12	105	3.29	77.6141	11.25	2.15			
5.20-5.39							2	5	14	21	11	9	9	9	80	2.50	80.1188	11.38	2.01			
5.40-5.59							1	2	16	21	17	14	7	10	88	2.76	82.8740	11.58	2.08			
5.60-5.79								7	9	16	19	8	5	7	71	2.22	85.0969	11.25	1.71			
5.80-5.99								1	9	15	7	11	4	4	51	1.60	86.6936	11.39	1.51			
>=6.00								5	21	72	84	99	69	75	425	13.31	99.9998	12.40	1.76			

SUM	0	0	0	0	7	31	81	210	419	504	562	433	371	252	324	3194
MAR. PROB.	0.00	0.00	0.00	0.00	0.22	0.97	2.54	6.57	13.12	15.78	17.60	13.56	11.62	7.89	10.14	
CUM. PROB.	0.00	0.00	0.00	0.00	0.22	1.19	3.73	10.30	23.42	39.20	56.79	70.35	81.97	89.86	100.00	
MEAN	0.00	0.00	0.00	0.00	1.51	2.04	2.45	3.01	3.45	3.83	4.16	4.43	4.82	4.75	4.58	
STDEV.	0.00	0.00	0.00	0.00	0.74	0.58	0.71	0.92	1.05	1.24	1.51	1.85	2.11	2.01	2.24	

MEAN HMO : 4.07 MEAN TP : 10.80
 ST.DEV. HMO : 1.75 ST.DEV. TP : 2.38
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

STATFJORD

FEBRUARY 1973 - 1986

TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.		CUM.				
	HMO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39																	0	0.00	0.0000	0.00	0.00
0.40-0.59				7		2		3	2								14	0.47	0.4654	5.38	2.20
0.60-0.79								1	2		2						5	0.17	0.6316	8.85	1.31
0.80-0.99								1	2	3	4	1	2				13	0.43	1.0638	10.05	1.35
1.00-1.19					1		3	15	9	9	5	8	6	6	1		63	2.09	3.1582	9.69	2.37
1.20-1.39			1	3	2	7	15	19	8	8	8	11	10	17			109	3.62	6.7819	10.37	3.24
1.40-1.59			1	3	3	7	16	23	18	14	11	9	9	9	9		123	4.09	10.8710	9.90	2.99
1.60-1.79				3	19	15	17	13	14	12	15	15	6	11	140		140	4.65	15.5253	9.58	3.36
1.80-1.99				1	10	16	13	18	26	14	7	9	6	7	127		127	4.22	19.7473	9.37	2.70
2.00-2.19				2	10	18	20	29	17	24	10	9	9	11	159		159	5.29	25.0332	9.51	2.79
2.20-2.39					1	21	26	31	20	26	11	11	8	8	163		163	5.42	30.4521	9.51	2.37
2.40-2.59					5	19	36	22	12	26	15	17	7	10	169		169	5.62	36.0704	9.60	2.59
2.60-2.79					6	11	29	40	35	24	21	12	5	20	203		203	6.75	42.8191	9.84	2.46
2.80-2.99					6	23	33	32	33	22	19	13	10	21	212		212	7.05	49.8670	9.77	2.63
3.00-3.19					1	10	23	41	24	26	14	9	11	17	176		176	5.85	55.7180	10.07	2.47
3.20-3.39					1	6	23	38	14	23	7	9	11	14	146		146	4.85	60.5717	10.04	2.61
3.40-3.59						3	17	27	21	19	18	13	10	16	144		144	4.79	65.3590	10.60	2.41
3.60-3.79						3	8	25	23	14	9	14	5	12	113		113	3.76	69.1156	10.47	2.48
3.80-3.99							8	20	21	17	13	9	6	14	108		108	3.59	72.7060	10.84	2.55
4.00-4.19							5	17	22	19	15	4	3	7	92		92	3.06	75.7645	10.50	2.31
4.20-4.39							7	9	16	14	17	4	8	12	87		87	2.89	78.6568	11.08	2.38
4.40-4.59							3	16	33	17	10	6	9	8	102		102	3.39	82.0478	10.61	2.04
4.60-4.79							1	9	19	21	16	9	2	8	85		85	2.83	84.8736	10.97	2.06
4.80-4.99							1	8	13	14	12	5	4	7	64		64	2.13	87.0012	11.10	2.18
5.00-5.19								5	11	11	7	7	4	8	53		53	1.76	88.7632	11.49	2.17
5.20-5.39								2	20	16	9	6	3	7	63		63	2.09	90.8576	11.18	2.10
5.40-5.59							2	1	4	14	9	2	4	2	38		38	1.26	92.1209	11.04	2.19
5.60-5.79								2	5	9	14	4	1	3	38		38	1.26	93.3842	11.40	2.01
5.80-5.99								1	2	6	9	12	1		35		35	1.16	94.5477	11.22	2.29
>=6.00								1	9	12	39	45	22	17	19		164	5.45	99.9998	11.75	1.94
SUM	0	0	0	9	13	66	164	323	473	459	463	353	238	174	273	3008					
MARG. PROB.	0.00	0.00	0.00	0.30	0.43	2.19	5.45	10.74	15.72	15.26	15.39	11.74	7.91	5.78	9.08						
CUM. PROB.	0.00	0.00	0.00	0.30	0.73	2.93	8.38	19.12	34.84	50.10	65.49	77.23	85.14	90.92	100.00						
MEAN	0.00	0.00	0.00	0.70	1.59	2.04	2.38	2.58	2.98	3.41	3.64	3.91	3.41	3.47	3.49						
STDEV.	0.00	0.00	0.00	0.37	0.31	0.54	0.68	0.90	1.14	1.31	1.52	1.68	1.67	1.77	1.49						

MEAN HMO : 3.26 MEAN TP : 10.22
 ST.DEV. HMO : 1.46 ST.DEV. TP : 2.63
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

STATFJORD

MARCH 1973 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.		CUM.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39														1		1	0.03	0.0298	12.28	0.00
0.40-0.59			12											4		16	0.48	0.5064	5.07	4.61
0.60-0.79								6			2	3				11	0.33	0.8341	9.62	1.35
0.80-0.99					1		1	3	7	5	6	2		1		26	0.77	1.6086	9.19	1.83
1.00-1.19			1	3	3	9	26	16	14	10	5		1	1	89	2.65	4.2598	8.30	1.92	
1.20-1.39			10	11	6	21	20	13	19	14	6	4	3	2	129	3.84	8.1025	7.93	2.60	
1.40-1.59				7	11	14	25	25	29	5	5	8	4	2	135	4.02	12.1239	8.51	2.28	
1.60-1.79				3	13	11	23	20	20	12	12	5	8	3	130	3.87	15.9964	9.02	2.47	
1.80-1.99				1	10	17	29	26	15	19	16	4	8	7	152	4.53	20.5243	9.23	2.56	
2.00-2.19					5	16	30	23	29	16	18	6	4	17	164	4.89	25.4096	9.65	2.66	
2.20-2.39					5	17	31	34	30	29	10	8	2	10	176	5.24	30.6523	9.30	2.18	
2.40-2.59					1	21	30	33	33	20	21	11	8	10	188	5.60	36.2526	9.61	2.36	
2.60-2.79					4	16	27	25	43	20	14	7	6	9	171	5.09	41.3464	9.45	2.17	
2.80-2.99					1	20	27	40	31	24	13	13	8	20	197	5.87	47.2147	9.90	2.57	
3.00-3.19					1	4	19	38	39	35	20	10	9	23	198	5.90	53.1128	10.46	2.51	
3.20-3.39					1	3	17	32	30	25	21	15	10	16	170	5.06	58.1769	10.46	2.32	
3.40-3.59					1	1	23	33	31	32	18	14	13	20	186	5.54	63.7175	10.52	2.54	
3.60-3.79						4	11	34	30	27	15	9	7	22	159	4.74	68.4539	10.66	2.58	
3.80-3.99							9	21	37	24	18	10	2	14	135	4.02	72.4753	10.54	2.26	
4.00-4.19					1		3	24	24	26	17	10	7	16	128	3.81	76.2883	10.89	2.31	
4.20-4.39						2	3	18	37	14	7	6	9	15	111	3.31	79.5948	10.72	2.34	
4.40-4.59						2	5	16	25	14	10	7	6	7	92	2.74	82.3353	10.44	2.27	
4.60-4.79							2	14	23	11	5	4	6	11	76	2.26	84.5992	11.01	2.67	
4.80-4.99							2	7	28	13	7	5	3	6	71	2.11	86.7142	10.68	2.26	
5.00-5.19								12	19	20	5	5	3	10	74	2.20	88.9185	10.79	1.98	
5.20-5.39							2	3	15	16	8	6	9	6	65	1.94	90.8548	11.18	2.05	
5.40-5.59								1	14	12	11	7	5	5	55	1.64	92.4932	11.39	1.88	
5.60-5.79								4	13	9	8	5	6	7	52	1.55	94.0422	11.39	2.10	
5.80-5.99								3	7	9	2	3	4	2	30	0.89	94.9358	11.02	1.92	
>=6.00								1	10	53	36	30	19	21	170	5.06	99.9998	11.86	1.67	

SUM	0	0	12	11	26	63	179	367	529	650	517	333	217	171	282	3357				
MAR. PROB.	0.00	0.00	0.36	0.33	0.77	1.88	5.33	10.93	15.76	19.36	15.40	9.92	6.46	5.09	8.40					
CUM. PROB.	0.00	0.00	0.36	0.69	1.46	3.34	8.67	19.60	35.36	54.72	70.12	80.04	86.51	91.60	100.00					
MEAN	0.00	0.00	0.48	1.21	1.36	1.92	2.18	2.43	2.97	3.37	3.72	3.68	3.95	4.02	3.80					
STDV.	0.00	0.00	0.04	0.05	0.22	0.59	0.72	0.90	1.13	1.30	1.58	1.67	1.89	1.91	1.41					

MEAN HMO : 3.27 MEAN TP : 10.03
 ST. DEV. HMO : 1.51 ST. DEV. TP : 2.56

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

STATFJORD

APRIL 1973 - 1986

TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.		CUM.				
	HMO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59					1		2		9	6	2					20	0.61	0.6129	8.68	1.33	
0.60-0.79					3	9	6	13	8	2	2					1	44	1.35	1.9614	7.26	1.89
0.80-0.99				2	9	21	19	24	11	11	4	4	2	3	2	112	3.43	5.3938	7.55	2.34	
1.00-1.19					11	12	31	24	19	19	8	12	11	3	6	156	4.78	10.1747	8.55	2.69	
1.20-1.39					17	18	34	36	29	32	28	13	7	4	6	224	6.86	17.0395	8.44	2.44	
1.40-1.59				1	10	20	29	40	37	30	20	11	9	10	14	231	7.08	24.1189	8.88	2.86	
1.60-1.79					5	24	33	49	41	39	30	12	15	10	8	266	8.15	32.2709	8.83	2.40	
1.80-1.99					1	10	20	31	39	26	27	22	22	9	5	212	6.50	38.7680	9.43	2.30	
2.00-2.19					3	9	25	33	53	34	24	20	17	6	7	231	7.08	45.8473	9.19	2.28	
2.20-2.39					1	4	15	34	39	30	28	15	20	7	8	201	6.16	52.0073	9.58	2.23	
2.40-2.59					1	5	22	30	45	34	39	35	17	11	2	241	7.39	59.3931	9.55	2.04	
2.60-2.79						1	17	26	39	35	24	21	18	8	8	197	6.04	65.4305	9.77	2.18	
2.80-2.99							7	27	32	41	32	21	10	7	2	179	5.49	70.9163	9.67	1.82	
3.00-3.19						1	4	28	29	27	17	26	15	6	2	155	4.75	75.6665	9.82	1.95	
3.20-3.39							2	16	15	25	20	22	13	7	7	127	3.89	79.5586	10.35	2.07	
3.40-3.59							1	8	17	18	23	14	5	7	2	95	2.91	82.4700	10.21	1.78	
3.60-3.79							2	6	15	16	20	15	7	2	3	86	2.64	85.1056	10.13	1.75	
3.80-3.99								2	8	17	10	11	7	6	4	65	1.99	87.0977	10.80	1.85	
4.00-4.19									15	20	7	12	8	5	4	71	2.18	89.2736	10.62	1.84	
4.20-4.39									6	15	11	18	5	4	3	62	1.90	91.1736	10.86	1.49	
4.40-4.59									3	13	10	15	8	5		54	1.65	92.8286	10.93	1.42	
4.60-4.79								2	7	8	4	13	7	1		42	1.29	94.1157	10.53	1.51	
4.80-4.99										9	8	11	9		1	38	1.16	95.2803	11.11	1.17	
5.00-5.19								1		8	7	9	5	1		31	0.95	96.2303	10.90	1.32	
5.20-5.39										1	6	4	10	1		22	0.67	96.9045	11.56	1.00	
5.40-5.59										2	2	5	4			13	0.40	97.3029	11.43	1.03	
5.60-5.79										1	2	4	3	2		12	0.37	97.6707	11.74	1.31	
5.80-5.99											4	2		3	1	10	0.31	97.9771	11.93	1.55	
>=6.00										1	5	11	20	18	11	66	2.02	99.9998	12.73	1.36	
SUM		0	0	0	3	62	134	269	430	516	520	424	378	274	146	107	3263				
MARG. PROB.		0.00	0.00	0.00	0.09	1.90	4.11	8.24	13.18	15.81	15.94	12.99	11.58	8.40	4.47	3.28					
CUM. PROB.		0.00	0.00	0.00	0.09	1.99	6.10	14.34	27.52	43.33	59.27	72.26	83.85	92.25	96.72	100.00					
MEAN		0.00	0.00	0.00	1.07	1.27	1.45	1.75	2.05	2.33	2.65	2.80	3.18	3.27	3.36	2.92					
STDEV.		0.00	0.00	0.00	0.29	0.39	0.51	0.65	0.80	0.91	1.12	1.19	1.32	1.67	1.85	1.91					

MEAN HMO : 2.54 MEAN TP : 9.52
 ST.DEV. HMO : 1.29 ST.DEV. TP : 2.37
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

STATFJORD

MAY 1973 - 1986

HMO	TP														MARG.		CUM.				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39																	0	0.00	0.0000	0.00	0.00
0.40-0.59				6	3	3	8	4	6	5							35	1.04	1.0410	6.65	1.99
0.60-0.79				2	15	30	9	27	25	24	9	4	2				147	4.37	5.4134	7.50	2.04
0.80-0.99			2	6	18	39	54	24	24	23	21	10					224	6.66	12.0761	7.38	2.28
1.00-1.19			4	5	28	68	79	42	25	26	31	20	9	4	5		346	10.29	22.3676	7.57	2.70
1.20-1.39			2	3	23	61	82	75	46	37	35	24	10	6	4		408	12.14	34.5033	7.81	2.28
1.40-1.59					16	35	87	66	42	28	35	30	11	8	3		361	10.74	45.2409	8.17	2.39
1.60-1.79					2	31	74	80	48	25	34	17	17	11	4		343	10.20	55.4432	8.35	2.20
1.80-1.99					3	26	58	65	60	38	20	20	5	5	7		307	9.13	64.5746	8.36	2.35
2.00-2.19						15	44	59	49	23	17	14	4	2	1		228	6.78	71.3563	8.22	1.79
2.20-2.39						9	28	47	49	21	19	13	6	5	2		199	5.92	77.2754	8.62	1.95
2.40-2.59						3	20	36	50	15	16	10	6	1	1		158	4.70	81.9749	8.62	1.69
2.60-2.79						2	7	36	29	28	29	10	5		1		147	4.37	86.3473	9.03	1.61
2.80-2.99							10	20	29	13	13	10	2	3	1		101	3.00	89.3515	9.08	1.81
3.00-3.19							1	17	19	9	8	7	2				63	1.87	91.2254	9.03	1.45
3.20-3.39							1	4	26	9	10	10	2	4			66	1.96	93.1885	9.71	1.64
3.40-3.59							1	2	17	11	3	10	4				48	1.43	94.6162	9.67	1.49
3.60-3.79								2	11	10	3	3	2				31	0.92	95.5382	9.51	1.33
3.80-3.99								1	8	8		6	1	1			25	0.74	96.2818	9.94	1.42
4.00-4.19								1	5	6	4	4	4	3			27	0.80	97.0849	10.44	1.68
4.20-4.39								2		6	4	2	5	1			20	0.59	97.6798	10.45	1.75
4.40-4.59								1		2		2	4	3	2		14	0.42	98.0962	11.03	1.92
4.60-4.79											3	2	1	1	2		9	0.27	98.3639	11.00	1.72
4.80-4.99												1	6	2	1	1	11	0.33	98.6911	12.13	1.15
5.00-5.19									1				1	1	2		5	0.15	98.8398	11.90	2.01
5.20-5.39									1		1		1	4			7	0.21	99.0480	11.26	2.00
5.40-5.59													4	4	1	1	10	0.30	99.3454	12.39	0.87
5.60-5.79												1		2		1	4	0.12	99.4644	12.45	1.47
5.80-5.99														2			2	0.06	99.5239	12.14	0.07
>=6.00											1	1	4	9	1		16	0.48	99.9998	12.03	1.01
SUM	0	0	8	22	108	322	564	611	571	370	318	245	125	64	34	3362					
MAR. PROB.	0.00	0.00	0.24	0.65	3.21	9.58	16.78	18.17	16.98	11.01	9.46	7.29	3.72	1.90	1.01						
CUM. PROB.	0.00	0.00	0.24	0.89	4.10	13.68	30.46	48.63	65.62	76.62	86.08	93.37	97.09	98.99	100.00						
MEAN	0.00	0.00	1.07	0.85	1.11	1.33	1.56	1.83	2.09	2.05	1.99	2.34	2.95	2.48	1.99						
STDEV.	0.00	0.00	0.14	0.28	0.31	0.44	0.53	0.67	0.84	0.99	0.93	1.27	1.74	1.35	1.18						

MEAN HMO : 1.88 MEAN TP : 8.33
 ST.DEV. HMO : 0.94 ST.DEV. TP : 2.30
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

STATFJORD

JUNE 1973 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39											1							1	0.03	0.0298	9.98	0.00
0.40-0.59			2	2	12	9	13	28	19	8	3	4	1					101	3.01	3.0375	7.27	1.96
0.60-0.79				3	16	19	27	49	24	26	17	11	1					193	5.75	8.7850	7.75	1.98
0.80-0.99				4	29	37	45	46	67	53	20	14	1	2				318	9.47	18.2549	7.73	1.96
1.00-1.19				6	35	49	67	76	68	36	13	14	10	1				375	11.17	29.4223	7.50	1.98
1.20-1.39				6	37	59	66	72	49	40	31	19	7			1		387	11.52	40.9470	7.58	2.14
1.40-1.59					19	74	61	59	50	48	34	20	6	5	3			379	11.29	52.2334	7.86	2.21
1.60-1.79					9	53	69	95	57	41	15	23	5	3	3			373	11.11	63.3412	7.86	1.96
1.80-1.99					1	34	63	56	35	27	20	17	12	12	3			280	8.34	71.6795	8.34	2.34
2.00-2.19						14	40	40	38	26	11	12	7	1	4			193	5.75	77.4270	8.43	2.06
2.20-2.39						3	34	45	33	26	15	6	3	2	2			169	5.03	82.4597	8.39	1.70
2.40-2.59						5	26	42	32	16	11	16	5	3	1			157	4.68	87.1351	8.61	1.88
2.60-2.79							8	29	29	14	6	17	1		1			105	3.13	90.2620	8.89	1.76
2.80-2.99							4	16	20	10	9	10	6		2			77	2.29	92.5550	9.43	1.93
3.00-3.19							2	14	17	14	12	7	2	1				69	2.05	94.6098	9.29	1.51
3.20-3.39							1	4	15	10	8	5	1	1	2			47	1.40	96.0094	9.64	1.72
3.40-3.59								7	17	7	3	4		1	2			41	1.22	97.2304	9.38	1.81
3.60-3.79								1	14	2	5	3			3			28	0.83	98.0642	9.93	2.05
3.80-3.99									4	8	2	2		1	2			19	0.57	98.6300	10.37	1.88
4.00-4.19									8	3	3	4			1			19	0.57	99.1958	9.96	1.83
4.20-4.39									2	6	1	2						11	0.33	99.5234	9.85	0.98
4.40-4.59									2	1								3	0.09	99.6127	8.75	0.43
4.60-4.79										2	3	1						6	0.18	99.7914	10.46	0.74
4.80-4.99										1		1						2	0.06	99.8509	10.55	1.64
5.00-5.19											1	1	2					4	0.12	99.9700	10.94	0.99
5.20-5.39																		0	0.00	99.9700	0.00	0.00
5.40-5.59																		0	0.00	99.9700	0.00	0.00
5.60-5.79																		0	0.00	99.9700	0.00	0.00
5.80-5.99												1						1	0.03	99.9998	10.78	0.00
>=6.00																		0	0.00	99.9998	0.00	0.00

SUM	0	0	2	21	158	356	526	679	600	427	244	214	68	33	30	3358						
MARG. PROB.	0.00	0.00	0.06	0.63	4.71	10.60	15.66	20.22	17.87	12.72	7.27	6.37	2.03	0.98	0.89							
CUM. PROB.	0.00	0.00	0.06	0.68	5.39	15.99	31.66	51.88	69.74	82.46	89.73	96.10	98.12	99.11	100.00							
MEAN	0.00	0.00	0.50	1.00	1.10	1.39	1.55	1.65	1.85	1.81	1.92	2.02	1.85	1.99	2.57							
STDEV.	0.00	0.00	0.04	0.28	0.32	0.40	0.55	0.69	0.90	0.93	0.97	0.96	0.64	0.67	0.87							

MEAN HMO : 1.69 MEAN TP : 8.09
 ST.DEV. HMO : 0.79 ST.DEV. TP : 2.11
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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JULY 1973 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	>=14					
0.00-0.19		1														1	0.03	0.0310	1.97	0.00
0.20-0.39				1		1	8	1	3					1		15	0.47	0.4963	6.09	1.98
0.40-0.59			1	8	7	13	18	7	12	7	4	2				79	2.45	2.9466	6.72	2.06
0.60-0.79			1	10	16	29	39	31	37	18	7	1				189	5.86	8.8089	6.99	1.78
0.80-0.99				12	35	55	56	62	68	32	12	5				337	10.45	19.2618	7.09	1.80
1.00-1.19				7	36	68	76	80	80	51	26	12	1		1	438	13.59	32.8474	7.44	1.89
1.20-1.39			1	21	70	69	74	127	50	32	9	2	1	1	1	457	14.17	47.0223	7.74	1.90
1.40-1.59			1	13	55	73	48	66	65	24	9	7	1			362	11.23	58.2506	7.79	1.88
1.60-1.79				4	39	58	48	40	52	36	27	4	2			310	9.62	67.8660	8.27	2.00
1.80-1.99				3	23	56	49	41	32	19	18	7	1			249	7.72	75.5893	8.15	1.90
2.00-2.19					5	43	58	38	33	21	17	1	3			219	6.79	82.3821	8.42	1.68
2.20-2.39					1	19	43	31	24	13	8	2	1	3		145	4.50	86.8796	8.69	2.17
2.40-2.59					2	12	25	31	23	17	5	2		3		120	3.72	90.6017	8.93	2.29
2.60-2.79						6	20	20	18	18	2		1	1		86	2.67	93.2691	8.93	1.57
2.80-2.99						5	8	18	15	14	9	1		3		73	2.26	95.5334	9.95	3.45
3.00-3.19							5	12	11	14	8			4	1	55	1.71	97.2394	10.16	2.41
3.20-3.39						1	1	8	7	3	4				1	25	0.78	98.0148	9.69	1.52
3.40-3.59							2	6	2	2	4	2				18	0.56	98.5731	9.80	1.46
3.60-3.79								1	3	1	4	2			1	12	0.37	98.9453	12.05	4.24
3.80-3.99								1		1	1					3	0.09	99.0383	10.41	1.72
4.00-4.19									1	5	1					7	0.22	99.2555	10.46	0.54
4.20-4.39										1			1			2	0.06	99.3175	11.48	1.02
4.40-4.59										1	2	2				5	0.16	99.4726	11.80	1.17
4.60-4.79										2	1	2	1			6	0.19	99.6587	11.72	1.16
4.80-4.99										1	1			1		3	0.09	99.7517	11.89	1.21
5.00-5.19										1	1	2	1			5	0.16	99.9068	11.06	0.96
5.20-5.39												1				1	0.03	99.9378	11.47	0.00
5.40-5.59												1				1	0.03	99.9688	11.49	0.00
5.60-5.79													1			1	0.03	99.9998	12.37	0.00
5.80-5.99																0	0.00	99.9998	0.00	0.00
>=6.00																0	0.00	99.9998	0.00	0.00
SUM		0	1	3	39	136	368	532	564	637	445	275	155	38	16	15	3224			
MARG. PROB.		0.00	0.03	0.09	1.21	4.22	11.41	16.50	17.49	19.76	13.80	8.53	4.81	1.18	0.50	0.47				
CUM. PROB.		0.00	0.03	0.12	1.33	5.55	16.97	33.47	50.96	70.72	84.52	93.05	97.86	99.04	99.53	100.00				
MEAN		0.00	0.13	0.45	0.77	1.06	1.22	1.44	1.58	1.59	1.72	1.97	2.18	2.54	2.59	2.52				
STDEV.		0.00	0.00	0.19	0.24	0.31	0.40	0.53	0.62	0.68	0.70	0.87	1.00	1.27	1.05	0.68				

MEAN HMO : 1.59 MEAN TP : 7.98
 ST.DEV. HMO : 0.72 ST.DEV. TP : 2.14
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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AUGUST 1973 - 1985

	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.				
HMO		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19		1	1					1									3	0.09	0.0931	3.01	3.25
0.20-0.39					1	1	1	2	7	5	3	1					21	0.65	0.7446	7.65	1.77
0.40-0.59					6	8	6	5	8	4	1	5	2			3	48	1.49	2.2339	6.99	2.79
0.60-0.79					4	23	41	35	21	23	19	3	3	1			173	5.37	7.6016	6.81	1.84
0.80-0.99					6	16	37	43	41	61	67	14	8	1			294	9.12	16.7235	7.79	1.85
1.00-1.19			2	4	32	41	52	54	46	47	15	11	1			2	307	9.53	26.2488	7.49	2.26
1.20-1.39				2	26	52	65	73	69	56	16	11	3	3		2	378	11.73	37.9770	7.72	2.32
1.40-1.59					12	26	64	56	62	57	30	14	8	4		2	335	10.39	48.3710	8.28	2.37
1.60-1.79					3	25	61	68	54	45	33	14	11	1	1	1	316	9.80	58.1756	8.28	2.10
1.80-1.99					1	17	40	61	51	52	39	20	5	1	2	2	289	8.97	67.1424	8.68	2.26
2.00-2.19						9	42	51	61	49	33	27	14	3	3	3	292	9.06	76.2022	9.00	2.34
2.20-2.39						1	21	40	37	25	24	16	7	1	1	1	173	5.37	81.5699	8.99	2.20
2.40-2.59						2	19	30	38	25	24	10	2			1	151	4.69	86.2550	8.87	2.09
2.60-2.79							8	28	38	20	16	2	5			1	118	3.66	89.9162	8.90	2.21
2.80-2.99							1	17	24	23	9	7	2				83	2.58	92.4914	9.06	1.38
3.00-3.19							2	17	20	14	9	2	1			3	68	2.11	94.6012	9.53	3.74
3.20-3.39							1	3	16	9	4	1					34	1.05	95.6561	8.88	1.02
3.40-3.59								3	12	14	2	2	2				35	1.09	96.7421	9.36	1.26
3.60-3.79									5	10	6	5	2				28	0.87	97.6108	10.01	1.19
3.80-3.99									8	8	4		1				21	0.65	98.2624	9.43	1.00
4.00-4.19									1	3	3	3	1	1			12	0.37	98.6347	9.82	1.38
4.20-4.39										2	3	6	2				13	0.40	99.0380	9.98	0.83
4.40-4.59										2	1	1	2				6	0.19	99.2242	9.95	1.43
4.60-4.79										3	2	1	2				8	0.25	99.4724	9.69	1.36
4.80-4.99											2	2	1				5	0.16	99.6275	10.27	0.85
5.00-5.19											3	2					5	0.16	99.7827	9.87	0.35
5.20-5.39											2						2	0.06	99.8447	9.69	0.05
5.40-5.59											2	1					3	0.09	99.9378	9.85	0.20
5.60-5.79												1					1	0.03	99.9688	10.30	0.00
5.80-5.99											1						1	0.03	99.9998	9.80	0.00
>=6.00																	0	0.00	99.9998	0.00	0.00

	SUM	1	1	2	23	122	258	462	579	644	563	304	163	67	16	18	3223
MARG. PROB.	0.03	0.03	0.06	0.71	3.79	8.00	14.33	17.96	19.98	17.47	9.43	5.06	2.08	0.50	0.56		
CUM. PROB.	0.03	0.06	0.12	0.84	4.62	12.63	26.96	44.93	64.91	82.38	91.81	96.87	98.95	99.44	100.00		
MEAN	0.03	0.06	1.06	0.81	1.04	1.22	1.51	1.72	1.89	1.92	2.12	2.04	2.11	1.46	1.99		
STDV.	0.00	0.00	0.05	0.29	0.32	0.42	0.54	0.67	0.84	0.96	0.93	0.87	0.68	0.59	0.65		

MEAN HMO : 1.75 MEAN TP : 8.29
 ST.DEV. HMO : 0.81 ST.DEV. TP : 2.30

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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SEPTEMBER 1973 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39			1													1	0.03	0.0322	2.80	0.00	
0.40-0.59			1					1			2					1	5	0.16	0.1931	9.00	4.85
0.60-0.79							2	7	5	5	3					3	25	0.80	0.9974	8.30	2.62
0.80-0.99		1	2	2	2	5	19	17	4	8	4	4	3	4		1	74	2.38	3.3784	8.07	2.57
1.00-1.19					10	12	25	25	8	14	5	5					104	3.35	6.7246	7.38	1.81
1.20-1.39					9	13	35	30	22	23	10	6	3	3		2	156	5.02	11.7439	8.00	2.13
1.40-1.59					5	17	30	32	36	19	22	8	2	2		4	177	5.69	17.4389	8.29	2.10
1.60-1.79					1	28	51	52	44	30	14	13	3	4		2	242	7.79	25.2252	8.08	1.94
1.80-1.99						20	35	58	32	36	23	12	7	5		1	229	7.37	32.5933	8.45	1.96
2.00-2.19					1	14	40	52	55	73	32	23	6	2		6	304	9.78	42.3745	8.82	1.96
2.20-2.39						11	33	47	39	46	30	7	5	5		3	226	7.27	49.6460	8.73	1.94
2.40-2.59							24	52	41	35	23	19	6	9		4	213	6.85	56.4993	9.10	1.96
2.60-2.79						1	15	42	51	39	24	6	8	2		3	191	6.15	62.6447	8.95	1.67
2.80-2.99						2	7	31	30	29	32	21	6	7		3	168	5.41	68.0501	9.55	1.83
3.00-3.19							4	24	40	28	25	14	4	5		2	146	4.70	72.7477	9.48	1.65
3.20-3.39							2	19	33	36	29	12	7	2		4	144	4.63	77.3808	9.69	1.70
3.40-3.59							2	13	27	30	26	14	7	3			122	3.93	81.3062	9.72	1.48
3.60-3.79								10	19	25	28	14	9			2	107	3.44	84.7489	10.05	1.52
3.80-3.99							4	6	12	20	16	11	7	5		4	85	2.73	87.4838	10.23	1.93
4.00-4.19								1	11	22	13	10	6	2			65	2.09	89.5751	10.19	1.36
4.20-4.39									10	19	19	7	7	3		1	66	2.12	91.6987	10.45	1.55
4.40-4.59								2	3	15	9	9	7	4		2	51	1.64	93.3396	10.80	1.73
4.60-4.79									6	13	11	6	6	4		2	48	1.54	94.8840	10.79	1.67
4.80-4.99									2	6	9	4	5	2		1	29	0.93	95.8171	10.87	1.54
5.00-5.19								1		4	13	8	9	3		3	41	1.32	97.1362	11.41	1.55
5.20-5.39										4	5	4	5	4			22	0.71	97.8441	11.38	1.42
5.40-5.59										3	2	5	2	1		3	16	0.51	98.3589	11.83	1.84
5.60-5.79										1		2		2		1	6	0.19	98.5519	12.30	1.75
5.80-5.99											2	2	1			2	7	0.23	98.7771	12.34	1.76
>=6.00										1	2	6	10	8	11	38	1.22	99.9998	13.22	1.74	

SUM	0	0	3	2	28	125	334	519	530	584	428	252	141	91	71	3108
MARG. PROB.	0.00	0.00	0.10	0.06	0.90	4.02	10.75	16.70	17.05	18.79	13.77	8.11	4.54	2.93	2.28	
CUM. PROB.	0.00	0.00	0.10	0.16	1.06	5.08	15.83	32.53	49.58	68.37	82.14	90.25	94.79	97.72	100.00	
MEAN	0.00	0.00	0.57	0.88	1.27	1.68	1.84	2.19	2.54	2.77	3.03	3.17	3.69	3.54	3.66	
STDEV.	0.00	0.00	0.28	0.06	0.24	0.43	0.63	0.74	0.86	1.06	1.12	1.31	1.46	1.76	2.01	

MEAN HMO : 2.62 MEAN TP : 9.12
 ST.DEV. HMO : 1.17 ST.DEV. TP : 2.14

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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STATFJORD

OCTOBER 1973 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39																0	0.00	0.0000	0.00	0.00
0.40-0.59																0	0.00	0.0000	0.00	0.00
0.60-0.79																0	0.00	0.0000	0.00	0.00
0.80-0.99				1	2	1	4	1			8	1				18	0.56	0.5627	7.62	2.06
1.00-1.19			2			4	10	10	7	5	2	5				45	1.41	1.9694	7.85	1.98
1.20-1.39				3	7	11	32	19	5	8	1	7	2			95	2.97	4.9390	8.20	2.04
1.40-1.59				5	8	29	32	41	19	18	6	2			2	162	5.06	10.0031	8.24	1.85
1.60-1.79		1	3	12	24	29	33	32	20	14	4	3	3		3	178	5.56	15.5674	8.70	2.11
1.80-1.99			4	9	28	44	39	31	30	16	8	1	1		1	211	6.60	22.1632	8.67	1.90
2.00-2.19				3	32	51	53	37	26	17	8	3	1		1	231	7.22	29.3842	8.78	1.77
2.20-2.39				5	17	32	52	26	40	36	14	1	10		10	233	7.28	36.6677	9.61	2.14
2.40-2.59				2	15	35	35	29	33	34	14	7	6		6	210	6.56	43.2322	9.71	2.06
2.60-2.79					10	34	35	22	28	16	19	2	10		10	176	5.50	48.7339	9.77	2.25
2.80-2.99				1	4	23	48	37	23	21	20	6	2		2	185	5.78	54.5170	9.74	1.81
3.00-3.19				2	3	24	37	39	29	22	20	13	4		4	193	6.03	60.5501	10.01	1.99
3.20-3.39					3	15	39	32	22	18	17	10	4		4	160	5.00	65.5517	10.05	1.92
3.40-3.59				1	1	16	21	30	26	26	12	6	6		6	145	4.53	70.0843	10.26	1.95
3.60-3.79					2	8	28	22	20	11	23	8	6		6	128	4.00	74.0856	10.48	1.96
3.80-3.99						3	12	27	24	12	14	7	7		7	106	3.31	77.3991	10.78	1.75
4.00-4.19					1	5	20	29	16	17	11	2	4		4	105	3.28	80.6814	10.25	1.74
4.20-4.39						3	17	17	19	20	4	6	3		3	89	2.78	83.4635	10.46	1.67
4.40-4.59					1	11	18	14	4	12	4	5	69		69	2.16	85.6204	10.75	1.98	
4.60-4.79						3	12	16	13	10	10	4	68		68	2.13	87.7460	11.41	1.65	
4.80-4.99						4	5	17	16	4	4	2	52		52	1.63	89.3715	11.11	1.58	
5.00-5.19						6	8	20	11	6	3	3	57		57	1.78	91.1533	10.99	1.56	
5.20-5.39						2	4	9	13	9	3	3	43		43	1.34	92.4975	11.56	1.52	
5.40-5.59						1	11	11	14	5	2	3	47		47	1.47	93.9667	11.09	1.55	
5.60-5.79							7	7	7	6	5	4	36		36	1.13	95.0921	11.87	1.99	
5.80-5.99							4	2	8	8	5	6	33		33	1.03	96.1236	12.37	1.79	
>=6.00							9	16	17	35	26	21	124		124	3.88	99.9998	12.54	1.64	

	SUM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	3199
MARG. PROB.	0.00	0.00	0.00	0.13	0.53	1.72	6.06	12.44	17.60	16.41	15.54	12.35	9.13	4.35	3.75			
CUM. PROB.	0.00	0.00	0.00	0.13	0.66	2.38	8.44	20.88	38.48	54.89	70.43	82.78	91.90	96.25	100.00			
MEAN	0.00	0.00	0.00	1.15	1.49	1.77	1.96	2.30	2.70	3.13	3.33	3.53	3.91	4.38	4.29			
STDEV.	0.00	0.00	0.00	0.31	0.29	0.53	0.56	0.74	0.93	1.21	1.33	1.39	1.62	1.67	1.81			

MEAN HMO : 3.09 MEAN TP : 9.83
 ST. DEV. HMO : 1.39 ST. DEV. TP : 2.20

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NOVEMBER 1973 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. CUM.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39																	0	0.00	0.0000	0.00	0.00
0.40-0.59			1														1	0.03	0.0333	2.80	0.00
0.60-0.79																	0	0.00	0.0333	0.00	0.00
0.80-0.99										1	3	1	1				6	0.20	0.2329	9.93	1.08
1.00-1.19							1	6		1	1	2	1				12	0.40	0.6323	8.13	2.07
1.20-1.39			7	3	1	6	4			2	3	8	1	2			37	1.23	1.8636	7.91	3.40
1.40-1.59			1	6	2	13	11	12	12	7	5	9	2	2			82	2.73	4.5923	8.82	2.56
1.60-1.79				2	8	7	15	19	16	20	6	6	5	3			107	3.56	8.1531	9.23	2.35
1.80-1.99				2	6	20	19	14	21	16	7	4	1	7			117	3.89	12.0466	8.99	2.50
2.00-2.19				2	5	16	35	25	18	25	11	3	3	8			151	5.02	17.0715	9.06	2.26
2.20-2.39				1	7	14	22	23	23	28	14	5	4	2			143	4.76	21.8303	9.18	2.01
2.40-2.59					6	8	31	26	32	32	16	12	4	2			169	5.62	27.4542	9.43	1.93
2.60-2.79					1	11	32	36	60	43	23	23	4	7			240	7.99	35.4409	9.80	1.87
2.80-2.99						9	27	28	32	29	26	15	5	4			175	5.82	41.2645	9.77	1.92
3.00-3.19					1	3	18	42	38	35	20	12	5	11			185	6.16	47.4209	10.05	2.01
3.20-3.39						3	20	23	39	43	24	7	15	9			183	6.09	53.5108	10.35	2.15
3.40-3.59						3	17	28	39	31	23	13	12	9			175	5.82	59.3344	10.28	2.04
3.60-3.79						1	11	24	33	36	27	14	6	4			156	5.19	64.5257	10.27	1.63
3.80-3.99						1	2	23	17	33	20	8	5	2			111	3.69	68.2196	10.35	1.61
4.00-4.19							2	23	16	26	18	18	9	4			116	3.86	72.0798	10.71	1.75
4.20-4.39							2	9	23	20	16	14	6	4			94	3.13	75.2079	10.80	1.75
4.40-4.59						1	2	11	15	21	18	6	5	7			86	2.86	78.0698	10.86	1.89
4.60-4.79							1	6	18	17	16	13	5	5			81	2.70	80.7653	11.05	1.68
4.80-4.99								8	12	18	25	9	6	5			83	2.76	83.5273	11.11	1.68
5.00-5.19								4	7	16	17	4	6	6			60	2.00	85.5240	11.42	1.76
5.20-5.39								4	6	15	15	4	5	5			54	1.80	87.3210	11.36	1.63
5.40-5.59								1	5	10	18	10	3	4			51	1.70	89.0182	11.69	1.63
5.60-5.79								1	2	5	8	7	6	4	3		36	1.20	90.2162	11.37	1.85
5.80-5.99										5	9	8	7	2	4		35	1.16	91.3809	11.73	1.87
>=6.00										10	42	63	63	43	38		259	8.62	99.9998	12.37	1.66

SUM	0	0	1	8	16	38	122	272	393	508	586	453	286	167	155	3005
MARG. PROB.	0.00	0.00	0.03	0.27	0.53	1.26	4.06	9.05	13.08	16.91	19.50	15.07	9.52	5.56	5.16	
CUM. PROB.	0.00	0.00	0.03	0.30	0.83	2.10	6.16	15.21	28.29	45.19	64.69	79.77	89.28	94.84	100.00	
MEAN	0.00	0.00	0.42	1.25	1.63	2.01	2.18	2.61	3.09	3.30	3.66	4.15	4.43	4.65	4.58	
STDEV.	0.00	0.00	0.00	0.08	0.28	0.41	0.65	0.70	0.93	1.10	1.38	1.57	1.89	1.94	1.97	

MEAN HMO : 3.58 MEAN TP : 10.24
 ST.DEV. HMO : 1.55 ST.DEV. TP : 2.21
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DECEMBER 1973 - 1985

	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13		MARG.	CUM.			
HMO		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39			4														4	0.13	0.1275	2.80	0.00
0.40-0.59																	0	0.00	0.1275	0.00	0.00
0.60-0.79																	0	0.00	0.1275	0.00	0.00
0.80-0.99					1			1									2	0.06	0.1912	5.92	1.41
1.00-1.19						1		2	3	1		1	4	1	2		15	0.48	0.6692	9.71	2.72
1.20-1.39							2	2	2	8	4	1	3	3	2		27	0.86	1.5296	9.35	2.20
1.40-1.59					2		1	5	13	9	1	5	2	2	5	3	48	1.53	3.0593	9.09	2.65
1.60-1.79							3	10	16	15	11	8	6	4	5	3	81	2.58	5.6405	9.24	2.32
1.80-1.99					2		5	8	14	29	17	21	10	11	5	3	125	3.98	9.6240	9.44	2.18
2.00-2.19							5	9	16	27	23	16	16	10	4	6	132	4.21	13.8305	9.63	2.33
2.20-2.39							6	11	20	24	27	13	17	11	2	7	138	4.40	18.2282	9.57	2.33
2.40-2.59							2	6	13	25	33	25	14	5	3	10	136	4.33	22.5621	9.97	2.23
2.60-2.79							2	6	16	39	42	22	18	11	7	18	181	5.77	28.3301	10.17	2.33
2.80-2.99					1			12	16	47	39	36	25	8	6	8	198	6.31	34.6399	9.82	2.06
3.00-3.19							2	9	29	36	33	22	27	15	5	8	186	5.93	40.5672	9.79	2.09
3.20-3.39								4	21	39	27	35	22	11	10	7	176	5.61	46.1759	10.07	2.05
3.40-3.59							1	4	19	19	28	29	29	15	8	7	159	5.07	51.2428	10.33	2.12
3.60-3.79									16	30	28	31	24	14	9	7	159	5.07	56.3097	10.40	2.06
3.80-3.99						1			6	24	32	24	27	17	6	11	148	4.72	61.0260	10.68	2.02
4.00-4.19									4	23	36	28	19	17	7	7	141	4.49	65.5193	10.57	1.77
4.20-4.39								1	3	18	36	34	30	24	9	9	164	5.23	70.7456	10.86	1.89
4.40-4.59									1	20	26	23	22	26	11	9	138	4.40	75.1433	11.09	1.94
4.60-4.79									1	9	26	25	17	16	10	11	115	3.66	78.8081	11.21	1.96
4.80-4.99									1	5	23	18	27	14	10	10	108	3.44	82.2497	11.36	1.86
5.00-5.19										2	4	32	24	13	9	6	90	2.87	85.1178	11.59	1.67
5.20-5.39										2	15	17	23	15	8	9	89	2.84	87.9540	11.68	1.79
5.40-5.59									1	5	9	16	17	4	5	57	1.82	89.7704	11.92	1.66	
5.60-5.79									1	5	6	6	11	5	7	41	1.31	91.0770	12.17	1.73	
5.80-5.99										4	9	11	12	8	3	47	1.50	92.5748	11.98	1.35	
>=6.00										6	31	62	69	30	35	233	7.43	99.9999	12.36	1.48	

SUM	0	0	4	0	6	31	90	230	453	531	521	501	372	190	209	3138
MARG. PROB.	0.00	0.00	0.13	0.00	0.19	0.99	2.87	7.33	14.44	16.92	16.60	15.97	11.85	6.05	6.66	
CUM. PROB.	0.00	0.00	0.13	0.13	0.32	1.31	4.17	11.50	25.94	42.86	59.46	75.43	87.28	93.34	100.00	
MEAN	0.00	0.00	0.36	0.00	1.73	2.18	2.38	2.74	3.07	3.50	3.88	4.18	4.52	4.46	4.35	
STDEV.	0.00	0.00	0.01	0.00	0.61	0.62	0.66	0.79	0.91	1.06	1.36	1.52	1.60	1.86	1.78	

MEAN HMO : 3.73 MEAN TP : 10.52
 ST.DEV. HMO : 1.48 ST.DEV. TP : 2.23
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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20/ 2 1973 -- 30/ 6 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14								
0.00-0.19	1	2						1										4	0.01	0.0104	2.75	2.70	
0.20-0.39			6	1	2	9	3	10	5	4	1	1	1					43	0.11	0.1223	6.70	2.49	
0.40-0.59			17	29	31	33	47	50	52	29	14	8	5	3	1			319	0.83	0.9522	6.93	2.46	
0.60-0.79			1	19	73	130	123	147	130	92	42	22	4		4			787	2.05	2.9996	7.34	1.98	
0.80-0.99			3	33	113	195	242	219	245	213	87	49	9	11	5			1424	3.70	6.7041	7.59	2.07	
1.00-1.19			6	25	160	261	362	356	281	226	121	99	40	18	19			1974	5.14	11.8395	7.73	2.30	
1.20-1.39			2	30	154	293	403	433	406	280	188	110	60	36	46			2441	6.35	18.1898	8.01	2.41	
1.40-1.59				4	98	256	415	405	405	329	215	127	79	52	49			2434	6.33	24.5220	8.34	2.40	
1.60-1.79				1	36	257	418	505	392	331	242	166	96	64	47			2555	6.65	31.1688	8.52	2.31	
1.80-1.99					19	176	367	451	399	334	256	178	102	59	49			2390	6.22	37.3865	8.76	2.31	
2.00-2.19					8	96	332	457	473	379	262	195	93	48	74			2417	6.29	43.6743	8.97	2.22	
2.20-2.39					2	58	237	404	415	313	280	163	103	48	63			2086	5.43	49.1011	9.16	2.20	
2.40-2.59					1	37	207	365	396	309	295	209	102	62	67			2050	5.33	54.4342	9.37	2.22	
2.60-2.79						18	121	340	408	375	273	168	120	42	91			1956	5.09	59.5228	9.54	2.14	
2.80-2.99					1	12	108	264	379	341	270	211	106	56	77			1825	4.75	64.2706	9.71	2.17	
3.00-3.19					1	8	48	233	363	310	266	184	104	72	80			1669	4.34	68.6125	9.93	2.21	
3.20-3.39						2	33	162	304	272	266	163	93	76	74			1445	3.76	72.3717	10.07	2.07	
3.40-3.59						3	20	139	254	250	228	188	105	72	75			1334	3.47	75.8421	10.26	2.11	
3.60-3.79						1	12	84	228	226	211	152	109	48	68			1139	2.96	78.8053	10.38	2.09	
3.80-3.99						1	6	53	176	214	192	136	95	47	81			1001	2.60	81.4094	10.58	2.06	
4.00-4.19						1	1	33	176	212	166	128	93	48	60			918	2.39	83.7976	10.57	2.01	
4.20-4.39							5	25	111	207	166	137	90	55	58			854	2.22	86.0193	10.74	1.94	
4.40-4.59							4	16	104	179	128	107	92	52	44			726	1.89	87.9080	10.76	1.94	
4.60-4.79								12	72	150	141	103	84	49	51			662	1.72	89.6302	11.00	1.96	
4.80-4.99								5	55	125	116	132	66	40	45			584	1.52	91.1495	11.10	1.92	
5.00-5.19								5	37	89	146	103	57	45	48			530	1.38	92.5283	11.24	1.85	
5.20-5.39								5	18	82	105	89	68	42	39			448	1.17	93.6938	11.40	1.83	
5.40-5.59								2	1	7	62	82	100	65	27			379	0.99	94.6797	11.52	1.83	
5.60-5.79									1	16	46	59	67	46	30			33	298	0.78	95.4550	11.56	1.87
5.80-5.99									1	6	36	60	52	45	26			26	252	0.66	96.1106	11.65	1.78
>=6.00									1	15	71	261	328	357	231	231	1495	3.89	99.9998	12.30	1.71		

	SUM	1	2	35	142	699	1847	3517	5182	6328	6086	5139	3875	2489	1459	1638	38439
MARG. PROB.	0.00	0.01	0.09	0.37	1.82	4.81	9.15	13.48	16.46	15.83	13.37	10.08	6.48	3.80	4.26		
CUM. PROB.	0.00	0.01	0.10	0.47	2.29	7.09	16.24	29.72	46.18	62.02	75.39	85.47	91.94	95.74	100.00		
MEAN	0.03	0.10	0.64	0.90	1.16	1.44	1.73	2.07	2.47	2.83	3.22	3.50	3.89	3.99	3.93		
STDEV.	0.00	0.05	0.30	0.30	0.36	0.52	0.66	0.85	1.09	1.31	1.50	1.67	1.88	1.96	1.90		

MEAN HMO : 2.73 MEAN TP : 9.37
 ST.DEV. HMO : 1.54 ST.DEV. TP : 2.52

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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TROMS Ø FLAKET

JANUARY 1976 - 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39																		0	0.00	0.0000	0.00	0.00
0.40-0.59																		0	0.00	0.0000	0.00	0.00
0.60-0.79																		0	0.00	0.0000	0.00	0.00
0.80-0.99						4	2	1										7	0.28	0.2820	5.25	0.81
1.00-1.19				1	4	5	9	6	6				2	6		1		40	1.61	1.8936	7.98	3.19
1.20-1.39					8	4	10	19	4	2	1	3	7	3	5			66	2.66	4.5528	8.66	3.30
1.40-1.59					2	9	16	19	15	8	1	1	4	1	9			85	3.42	7.9774	8.66	2.94
1.60-1.79					3	16	33	37	13	4	9	5		4	8			132	5.32	13.2957	8.10	2.60
1.80-1.99				1	2	10	28	28	33	6	5	4	1	2	11			131	5.28	18.5737	8.47	2.70
2.00-2.19						11	21	48	34	26	7	2	4	4	12			169	6.81	25.3827	8.73	2.49
2.20-2.39						7	23	30	30	21	15	8	6	6	7			153	6.16	31.5471	9.03	2.45
2.40-2.59						4	20	19	36	22	17	2	4	9	9			142	5.72	37.2683	9.34	2.58
2.60-2.79							15	41	31	28	17	19	11	6	7			175	7.05	44.3191	9.45	2.14
2.80-2.99							7	20	33	30	16	16	10	4	8			144	5.80	50.1208	9.90	2.31
3.00-3.19						1	3	8	42	27	11	11	7	2	6			118	4.75	54.8750	9.77	2.09
3.20-3.39							3	17	23	25	24	13	10	8	11			134	5.40	60.2739	10.35	2.49
3.40-3.59							2	17	27	24	18	22	3	1	13			127	5.12	65.3907	10.21	2.36
3.60-3.79								11	24	31	17	14	11	5	12			125	5.04	70.4270	10.57	2.40
3.80-3.99								5	15	23	17	7	8	8	6			89	3.59	74.0128	10.55	1.97
4.00-4.19								4	8	16	17	20	12	4	4			85	3.42	77.4375	10.85	1.76
4.20-4.39								3	7	15	22	9	7	10	8			81	3.26	80.7010	11.12	2.13
4.40-4.59									7	17	22	9	12	3	11			81	3.26	83.9644	11.25	2.00
4.60-4.79								1	5	19	12	12	14	8	9			80	3.22	87.1877	11.56	2.21
4.80-4.99								1	4	9	12	7	8	6	3			50	2.01	89.2021	11.21	1.75
5.00-5.19									1	9	9	12	8	5	4			48	1.93	91.1361	11.57	1.88
5.20-5.39							3		2	6	9	18	6	2	3			49	1.97	93.1103	11.07	1.91
5.40-5.59							1		2	1	4	6	4	4	4			22	0.89	93.9966	11.83	2.80
5.60-5.79								2		3	4	5	7	3	3			27	1.09	95.0845	11.78	2.47
5.80-5.99								1		1	6	4	4	1	1			18	0.73	95.8097	11.42	1.61
>=6.00								1	4	6	6	11	17	29	30			104	4.19	99.9998	12.99	2.08

SUM	0	0	0	2	23	69	195	338	406	379	298	242	191	134	205	2482						
MARG. PROB.	0.00	0.00	0.00	0.08	0.93	2.78	7.86	13.62	16.36	15.27	12.01	9.75	7.70	5.40	8.26							
CUM. PROB.	0.00	0.00	0.00	0.08	1.01	3.79	11.64	25.26	41.62	56.89	68.90	78.65	86.34	91.74	100.00							
MEAN	0.00	0.00	0.00	1.44	1.31	1.79	2.11	2.44	2.86	3.42	3.72	3.92	4.05	4.30	3.90							
STDEV.	0.00	0.00	0.00	0.62	0.31	0.43	0.70	0.85	0.94	1.08	1.13	1.27	1.65	1.79	1.97							

MEAN HMO : 3.25 MEAN TP : 9.93
 ST.DEV. HMO : 1.42 ST.DEV. TP : 2.67

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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39																0	0.00	0.0000	0.00	0.00
0.40-0.59																0	0.00	0.0000	0.00	0.00
0.60-0.79																0	0.00	0.0000	0.00	0.00
0.80-0.99							1	7						2	2	12	0.52	0.5238	9.33	4.48
1.00-1.19							10	3	3	3					2	28	1.22	1.7460	9.57	4.90
1.20-1.39					4	6	13	17	11				2	4	1	61	2.66	4.4086	8.06	2.84
1.40-1.59					3	8	20	23	10	8	7	3	3	3	6	94	4.10	8.5116	8.50	2.71
1.60-1.79					3	16	16	26	27	19	2	14	11	7	24	165	7.20	15.7137	9.75	3.41
1.80-1.99						14	21	33	19	16	8	10	6	10	21	158	6.90	22.6102	9.64	3.35
2.00-2.19						8	14	25	32	6	8	7	4	7	14	125	5.46	28.0663	9.41	2.96
2.20-2.39					1	4	12	30	41	17	10	8	7	6	19	155	6.77	34.8319	9.77	3.22
2.40-2.59						2	20	35	47	20	9	6	10	4	12	165	7.20	42.0340	9.32	2.67
2.60-2.79						1	14	24	33	23	10	6	7	8	9	135	5.89	47.9266	9.54	2.52
2.80-2.99						1	5	21	28	24	6	8	3	8	13	117	5.11	53.0336	10.00	2.76
3.00-3.19							3	17	28	22	10	4	9	3	4	100	4.36	57.3985	9.59	2.09
3.20-3.39							1	14	28	23	18	7	7	1	10	109	4.76	62.1562	10.06	2.30
3.40-3.59							1	13	22	20	13	5	8	5	4	91	3.97	66.1283	9.92	2.02
3.60-3.79								6	18	17	12	13	2	9	2	79	3.45	69.5765	10.22	1.81
3.80-3.99									5	10	12	15	5	4	3	57	2.49	72.0645	10.30	1.78
4.00-4.19								2	12	12	17	6	8	3	5	65	2.84	74.9017	10.69	1.90
4.20-4.39						2			9	10	8	9	4	3	6	51	2.23	77.1278	10.81	2.34
4.40-4.59						1	1	2	8	12	6	8	5	4	5	52	2.27	79.3975	10.71	2.11
4.60-4.79							1		7	11	14	12	8	5	3	61	2.66	82.0601	10.95	1.79
4.80-4.99								2	1	9	11	9	9	7	6	54	2.36	84.4172	11.52	1.88
5.00-5.19									2	11	8	9	11	6	4	51	2.23	86.6432	11.43	1.65
5.20-5.39							2		2	2	2	14	10	3	2	37	1.62	88.2583	11.47	1.76
5.40-5.59						1	1			6	3	9	8	4	5	37	1.62	89.8733	11.84	2.41
5.60-5.79						1	3			2	1	9	10	4	4	34	1.48	91.3573	11.78	2.12
5.80-5.99								1		2	2	6	8	4	2	25	1.09	92.4485	12.01	1.54
>=6.00									5	5	15	23	52	34	39	173	7.55	99.9998	12.78	1.77

SUM	0	0	0	0	11	74	156	303	403	309	215	212	220	154	234	2291
MARG. PROB.	0.00	0.00	0.00	0.00	0.48	3.23	6.81	13.23	17.59	13.49	9.38	9.25	9.60	6.72	10.21	
CUM. PROB.	0.00	0.00	0.00	0.00	0.48	3.71	10.52	23.75	41.34	54.82	64.21	73.46	83.06	89.79	100.00	
MEAN	0.00	0.00	0.00	0.00	1.55	1.82	2.11	2.44	2.83	3.34	3.75	4.09	4.49	4.29	3.62	
STDEV.	0.00	0.00	0.00	0.00	0.27	0.68	0.83	0.84	0.95	1.17	1.26	1.60	1.85	2.04	2.17	

MEAN HMO : 3.30 MEAN TP : 10.17

ST.DEV. HMO : 1.60 ST.DEV. TP : 2.82

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MARCH

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19									1									1	0.04	0.0369	7.17	0.00
0.20-0.39									2	1								3	0.11	0.1478	7.70	0.65
0.40-0.59							1	3	1	2		1				3		11	0.41	0.5541	9.28	3.26
0.60-0.79					2	9	4	4								2		21	0.78	1.3299	6.88	2.33
0.80-0.99					1	8	8	6	2	1	1	2	4			3		36	1.33	2.6598	8.62	4.11
1.00-1.19				1	4	13	9	10	11	1	4	5	4	2	7		71	2.62	5.2826	8.59	3.45	
1.20-1.39				1	3	20	13	15	13	1	8	7	11	4	7		103	3.80	9.0875	8.82	3.26	
1.40-1.59					5	23	25	26	26	14	8	7	7	10	16		167	6.17	15.2567	8.96	3.15	
1.60-1.79					3	17	23	36	25	22	8	13	11	7	24		189	6.98	22.2386	9.54	3.32	
1.80-1.99					1	18	33	27	32	35	13	12	9	16	34		230	8.50	30.7351	9.85	3.25	
2.00-2.19						7	31	33	24	20	11	13	11	10	23		183	6.76	37.4954	9.67	3.04	
2.20-2.39					1	5	26	27	37	29	18	12	7	7	22		191	7.06	44.5511	9.64	2.82	
2.40-2.59						3	16	35	36	21	11	12	12	11	31		188	6.94	51.4961	10.15	2.98	
2.60-2.79						3	18	32	40	19	11	12	6	10	18		169	6.24	57.7392	9.63	2.68	
2.80-2.99							16	24	32	20	15	12	6	11	13		149	5.50	63.2434	9.87	2.64	
3.00-3.19							7	19	26	21	22	15	4	4	15		133	4.91	68.1566	10.00	2.37	
3.20-3.39							6	24	28	13	26	11	11	6	11		136	5.02	73.1806	10.10	2.52	
3.40-3.59							2	14	28	24	9	12	11	5	12		117	4.32	77.5027	10.33	2.47	
3.60-3.79							1	10	11	22	15	14	9	5	11		98	3.62	81.1229	10.71	2.34	
3.80-3.99								7	26	15	11	13	7	4	12		96	3.55	84.6693	10.57	2.32	
4.00-4.19								1	18	12	12	10	5	5	8		71	2.62	87.2921	10.76	2.19	
4.20-4.39								1	7	11	13	7	6	8	5		58	2.14	89.4347	11.21	2.09	
4.40-4.59								1	10	13	10	4	6	4	4		52	1.92	91.3556	10.77	2.34	
4.60-4.79									3	7	8	5	13	7	2		45	1.66	93.0180	11.54	1.68	
4.80-4.99									4	7	4	8	8	4	2		37	1.37	94.3848	11.43	1.76	
5.00-5.19									1	9	7	4	4	1	2		28	1.03	95.4191	11.05	1.92	
5.20-5.39										1	6	4	3	4			18	0.66	96.0841	11.73	1.37	
5.40-5.59										3	6	8	3	2	5		27	1.00	97.0815	11.94	1.68	
5.60-5.79										1	2	8	8	1	2		22	0.81	97.8942	12.21	1.82	
5.80-5.99											2	3	3	1			9	0.33	98.2266	11.89	0.94	
>=6.00											10	12	17	7	2		48	1.77	99.9998	12.18	1.14	

SUM	0	0	0	2	20	127	242	356	443	342	272	245	206	161	291	2707						
MARG. PROB.	0.00	0.00	0.00	0.07	0.74	4.69	8.94	13.15	16.36	12.63	10.05	9.05	7.61	5.95	10.75							
CUM. PROB.	0.00	0.00	0.00	0.07	0.81	5.50	14.44	27.60	43.96	56.59	66.64	75.69	83.30	89.25	100.00							
MEAN	0.00	0.00	0.00	1.20	1.35	1.50	2.03	2.33	2.71	3.00	3.40	3.38	3.51	3.08	2.66							
STDEV.	0.00	0.00	0.00	0.02	0.40	0.47	0.65	0.79	0.93	1.04	1.65	1.43	1.67	1.48	1.05							

MEAN HMO : 2.77 MEAN TP : 9.97

ST.DEV. HMO : 1.27 ST.DEV. TP : 2.89

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APRIL

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	SUM	PROB.	PROB.				
0.00-0.19			1	2														3	0.11	0.1137	2.02	0.18
0.20-0.39				2					1									5	0.19	0.3033	3.79	1.97
0.40-0.59					2													15	0.57	0.8719	4.03	1.05
0.60-0.79							2	1										52	1.97	2.8431	7.00	2.75
0.80-0.99			1	3	9	15	3	5	3	2	5	1	5					82	3.11	5.9515	7.83	2.94
1.00-1.19				1	9	19	14	10	5	4	3	5	4	6	2			153	5.80	11.7513	7.87	2.78
1.20-1.39				1	14	30	26	29	12	7	5	14	7	3	5			191	7.24	18.9917	8.15	2.58
1.40-1.59					1	14	19	40	32	36	14	2	6	13	9	5		198	7.51	26.4973	8.30	2.17
1.60-1.79						6	16	34	46	41	17	11	12	8	4	3		198	7.51	26.4973	8.30	2.17
1.80-1.99						7	21	38	30	40	20	12	9	13	6	4		200	7.58	34.0788	8.40	2.39
2.00-2.19						1	17	37	33	33	29	14	3	1	2	2		172	6.52	40.5989	8.09	1.90
2.20-2.39							7	42	41	55	27	18	3	4	3	10		210	7.96	48.5595	8.64	2.31
2.40-2.59							4	22	45	42	29	16	4	3	3	5		173	6.56	55.1175	8.64	1.84
2.60-2.79								13	36	43	34	17	8	4	1	3		159	6.03	61.1447	8.92	1.73
2.80-2.99							2	9	32	37	50	14	8	2	3	1		158	5.99	67.1341	8.99	1.61
3.00-3.19								6	23	39	42	22	10		1	3		146	5.53	72.6686	9.21	1.55
3.20-3.39							1	15	43	46	26	8	1	1	3			144	5.46	78.1273	9.35	1.36
3.40-3.59								1	6	36	29	25	8	2	1	2		110	4.17	82.2971	9.57	1.42
3.60-3.79									4	22	29	12	2	5				74	2.81	85.1022	9.48	1.20
3.80-3.99									1	18	22	13	10	1	2			67	2.54	87.6420	9.79	1.25
4.00-4.19									4	12	25	15	4	5	4	1		70	2.65	90.2956	10.05	1.60
4.20-4.39										7	10	11	8	3	1	1		41	1.55	91.8498	10.50	1.59
4.40-4.59										4	14	10	5	5				38	1.44	93.2902	10.23	1.12
4.60-4.79									1	3	9	13						26	0.99	94.2758	9.89	0.82
4.80-4.99										1	9	12	7	2				31	1.18	95.4509	10.52	1.00
5.00-5.19											9	10	9	1				29	1.10	96.5502	10.56	0.77
5.20-5.39											5	7	4	5	2			23	0.87	97.4221	11.18	1.23
5.40-5.59											1	11	4	2				18	0.68	98.1044	10.87	0.84
5.60-5.79												8	4	2				14	0.53	98.6351	10.97	0.73
5.80-5.99										1		3	5					9	0.34	98.9763	10.79	0.87
>=6.00											1	2	4					7	0.27	99.2417	11.10	0.90
												4	8	6	2			20	0.76	99.9998	11.64	0.85

SUM	0	1	5	20	60	152	287	394	533	484	321	173	104	54	50	2638
MARG. PROB.	0.00	0.04	0.19	0.76	2.27	5.76	10.88	14.94	20.20	18.35	12.17	6.56	3.94	2.05	1.90	
CUM. PROB.	0.00	0.04	0.23	0.99	3.26	9.02	19.90	34.84	55.04	73.39	85.56	92.12	96.06	98.10	100.00	
MEAN	0.00	0.13	0.31	0.60	1.17	1.36	1.74	2.04	2.44	2.87	3.27	3.27	2.75	2.29	2.08	
STDEV.	0.00	0.00	0.18	0.24	0.33	0.46	0.52	0.68	0.82	0.94	1.25	1.63	1.80	1.42	0.76	

MEAN HMO : 2.43 MEAN TP : 8.81
 ST.DEV. HMO : 1.16 ST.DEV. TP : 2.21

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MAY

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	SUM	PROB.	PROB.	MEAN	STDEV.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19			3	2		1									1	7	0.26	0.2615	3.73	3.80		
0.20-0.39				1	2	1		1	2	1	2	1	1		1	13	0.49	0.7471	7.56	3.37		
0.40-0.59					11	5	20	10	3		12	3	9	3		76	2.84	3.5861	7.26	2.84		
0.60-0.79				2	12	32	35	25	19	11	18	12	8	11	6	200	7.47	11.0572	7.63	3.17		
0.80-0.99			1		9	38	26	50	42	33	15	7	2	7	6	239	8.93	19.9850	7.26	2.43		
1.00-1.19					2	34	50	73	53	30	12	9	6	6	2	278	10.38	30.3698	7.07	1.93		
1.20-1.39				1		26	45	70	61	33	16	10	11	2	4	284	10.61	40.9787	7.38	2.21		
1.40-1.59						12	46	55	65	34	20	9	9	2	1	258	9.64	50.6163	7.52	2.01		
1.60-1.79						4	37	53	56	36	20	4	9	3		223	8.33	58.9465	7.56	1.67		
1.80-1.99						3	25	50	50	26	18	6	12	5	1	199	7.43	66.3802	7.90	2.07		
2.00-2.19							12	47	45	29	10	7	2	2		157	5.86	72.2450	7.75	1.69		
2.20-2.39							2	37	65	23	16	6	1			150	5.60	77.8483	7.73	1.18		
2.40-2.59							1	22	46	21	20	8		3		122	4.56	82.4056	8.14	1.48		
2.60-2.79								12	32	19	12	7	4	1		87	3.25	85.6555	8.33	1.42		
2.80-2.99								8	22	20	10	7	2	1	2	72	2.69	88.3451	8.59	1.55		
3.00-3.19								1	11	20	8	3	3		1	49	1.83	90.1755	9.03	1.71		
3.20-3.39									13	18	17	7	5			63	2.35	92.5289	9.27	1.64		
3.40-3.59								1	7	10	18	6	4			47	1.76	94.2845	9.30	1.44		
3.60-3.79								1	3	16	14	4	6	1		45	1.68	95.9655	9.38	1.24		
3.80-3.99									2	5	9	1	1	2		21	0.78	96.7500	9.85	1.84		
4.00-4.19										6	4	5	2	3		21	0.78	97.5344	10.31	1.93		
4.20-4.39									2	5	4	4	1	2		18	0.67	98.2068	9.65	1.44		
4.40-4.59										1	4		1	2		8	0.30	98.5057	10.47	1.69		
4.60-4.79										2	4	2			1	10	0.37	98.8792	10.30	1.92		
4.80-4.99											2	1	1		1	5	0.19	99.0660	11.05	1.62		
5.00-5.19											1	1	1			5	0.19	99.2527	11.93	2.28		
5.20-5.39										1		3	5	2		12	0.45	99.7010	11.37	1.46		
5.40-5.59													3		1	4	0.15	99.8504	12.11	1.03		
5.60-5.79													1			1	0.04	99.8878	11.29	0.00		
5.80-5.99												1				1	0.04	99.9251	10.79	0.00		
>=6.00													2			2	0.07	99.9998	11.52	0.09		

	SUM	0	3	6	37	156	299	516	599	400	286	134	112	59	27	43	2677
MARG. PROB.	0.00	0.11	0.22	1.38	5.83	11.17	19.28	22.38	14.94	10.68	5.01	4.18	2.20	1.01	1.61		
CUM. PROB.	0.00	0.11	0.34	1.72	7.55	18.71	37.99	60.37	75.31	85.99	91.00	95.18	97.39	98.39	100.00		
MEAN	0.00	0.14	0.45	0.71	1.02	1.28	1.56	1.86	2.13	2.26	2.30	2.33	1.90	1.66	2.05		
STDEV.	0.00	0.02	0.27	0.23	0.31	0.44	0.58	0.72	0.96	1.15	1.28	1.54	1.39	1.41	1.37		

MEAN HMO : 1.79 MEAN TP : 7.81

ST.DEV. HMO : 0.96 ST.DEV. TP : 2.20

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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TROMSØFLAKET

1976 - 1986

JUNE

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19							1			1								2	0.08	0.0758	6.81	2.50
0.20-0.39				2				3	3	13	1							22	0.83	0.9101	7.74	1.75
0.40-0.59				9	9	13	14	11	1	3	3	4	5	2	1			75	2.84	3.7543	7.20	2.95
0.60-0.79			2	11	31	62	47	21	9	10	6	2		4	2			207	7.85	11.6041	6.42	2.13
0.80-0.99				10	34	61	73	40	11	15	7	10	6		4			271	10.28	21.8809	6.89	2.36
1.00-1.19				4	38	77	93	46	18	12	14	10	3	5	4			324	12.29	34.1676	6.95	2.15
1.20-1.39				2	34	65	80	56	40	20	16	14	4	5	4			340	12.89	47.0610	7.33	2.19
1.40-1.59					14	40	76	48	43	24	12	10	3	1	2			273	10.35	57.4137	7.54	1.96
1.60-1.79						21	52	60	20	11	4	2	1		1			172	6.52	63.9362	7.39	1.37
1.80-1.99						20	40	64	43	14	4		1	2	1			189	7.17	71.1035	7.68	1.46
2.00-2.19						7	30	47	32	16	6	1	1	1	1			141	5.35	76.4505	7.85	1.36
2.20-2.39						1	26	29	32	9	4	4	1					106	4.02	80.4702	8.03	1.33
2.40-2.59						2	13	41	32	11	1	1						102	3.87	84.3382	8.07	1.23
2.60-2.79						1	15	28	25	13	5							87	3.30	87.6374	8.07	1.16
2.80-2.99						1	4	13	25	16	1	4						65	2.46	90.1023	8.71	1.34
3.00-3.19							3	11	24	17	7	3	3	1				69	2.62	92.7189	9.00	1.46
3.20-3.39						1	2	7	26	9	9	2	3	2	1			62	2.35	95.0701	9.25	1.85
3.40-3.59							1	3	20	9	2	1						37	1.40	96.4732	8.89	1.12
3.60-3.79						2	2	2	3	4	3	3						20	0.76	97.2316	9.16	2.09
3.80-3.99							1	2	1	4	2	2						13	0.49	97.7246	9.84	1.85
4.00-4.19								1	3	2	4							2	0.46	98.1796	10.47	2.46
4.20-4.39							1	1	5	3	2	2						1	0.57	98.7484	9.81	2.32
4.40-4.59									1	1	2	3						7	0.27	99.0139	10.48	0.88
4.60-4.79									1	1	1	2						7	0.27	99.2793	11.21	1.82
4.80-4.99								1					1					2	0.08	99.3552	9.37	2.52
5.00-5.19										2	1	2						5	0.19	99.5448	10.45	1.12
5.20-5.39											1	1	2					4	0.15	99.6964	11.70	0.83
5.40-5.59											1							3	0.11	99.8102	12.24	1.72
5.60-5.79												1						1	0.04	99.8481	11.72	0.00
5.80-5.99							1											2	0.08	99.9240	10.04	5.15
>=6.00							1											2	0.08	99.9998	10.16	4.99

SUM	0	0	2	38	160	375	578	535	429	227	118	85	33	32	25	2637						
MARG. PROB.	0.00	0.00	0.08	1.44	6.07	14.22	21.92	20.29	16.27	8.61	4.47	3.22	1.25	1.21	0.95							
CUM. PROB.	0.00	0.00	0.08	1.52	7.58	21.81	43.72	64.01	80.28	88.89	93.36	96.59	97.84	99.05	100.00							
MEAN	0.00	0.00	0.61	0.74	1.02	1.18	1.46	1.78	2.14	2.16	2.13	2.12	1.76	2.38	1.72							
STDEV.	0.00	0.00	0.01	0.24	0.27	0.47	0.67	0.71	0.88	1.00	1.23	1.40	1.28	1.79	1.15							

MEAN HMO : 1.69 MEAN TP : 7.57

ST.DEV. HMO : 0.90 ST.DEV. TP : 2.08

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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TROMSØFLAKET

1976 - 1985

JULY

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19							1	1		2	1							5	0.21	0.2106	7.46	1.82
0.20-0.39						1	1	2		1			1	1				7	0.29	0.5055	7.92	3.15
0.40-0.59					16	12	28	7	6	9	9	9	3			1		100	4.21	4.7178	6.59	2.46
0.60-0.79				2	23	48	37	43	16	16	9	7	12				3	216	9.10	13.8163	6.40	2.30
0.80-0.99					8	48	61	108	55	30	13	9	13	12			6	368	15.50	29.3176	7.13	2.33
1.00-1.19					2	38	43	104	68	47	25	8	4	4				343	14.45	43.7658	7.02	1.67
1.20-1.39					1	18	52	83	53	49	33	13	8	3			2	317	13.35	57.1188	7.45	1.88
1.40-1.59						7	56	68	47	60	29	16	5	1			3	292	12.30	69.4187	7.50	1.74
1.60-1.79						2	44	52	45	31	27	16	10	2			3	232	9.77	79.1912	7.77	1.87
1.80-1.99							16	47	29	26	22	10	4				1	155	6.53	85.7202	7.82	1.60
2.00-2.19							6	29	21	17	8	3	1				1	86	3.62	89.3428	7.60	1.58
2.20-2.39							2	13	26	20	8	6	2	1	1		1	80	3.37	92.7126	8.30	1.73
2.40-2.59								7	17	20	7	1	3	3				58	2.44	95.1558	8.42	1.50
2.60-2.79								6	11	11	8	1	1					38	1.60	96.7564	8.21	1.09
2.80-2.99								2	9	2	13							26	1.10	97.8516	8.55	1.04
3.00-3.19								1	1	3	4	3			1			13	0.55	98.3992	9.14	1.58
3.20-3.39								3	1			3					1	8	0.34	98.7362	9.32	3.45
3.40-3.59												1						1	0.04	98.7783	10.95	0.00
3.60-3.79									1		3	2						6	0.25	99.0310	9.39	0.94
3.80-3.99												2						4	0.17	99.1995	10.79	1.23
4.00-4.19													1					2	0.08	99.2838	13.40	4.08
4.20-4.39													1					3	0.13	99.4101	14.55	3.49
4.40-4.59												2						2	0.08	99.4944	10.74	0.05
4.60-4.79											1	5						6	0.25	99.7471	10.35	0.60
4.80-4.99													1	1				2	0.08	99.8313	11.33	0.74
5.00-5.19																		0	0.00	99.8313	0.00	0.00
5.20-5.39														1				1	0.04	99.8735	11.47	0.00
5.40-5.59																		0	0.00	99.8735	0.00	0.00
5.60-5.79																		0	0.00	99.8735	0.00	0.00
5.80-5.99																		1	0.04	99.9156	11.68	0.00
>=6.00																		2	0.08	99.9998	11.64	0.73

SUM	0	0	2	50	174	347	576	406	344	222	118	73	29	19	14	2374						
MARG. PROB.	0.00	0.00	0.08	2.11	7.33	14.62	24.26	17.10	14.49	9.35	4.97	3.07	1.22	0.80	0.59							
CUM. PROB.	0.00	0.00	0.08	2.19	9.52	24.14	48.40	65.50	79.99	89.34	94.31	97.39	98.61	99.41	100.00							
MEAN	0.00	0.00	0.69	0.69	0.92	1.20	1.34	1.53	1.53	1.67	1.82	1.60	1.59	1.25	2.02							
STDEV.	0.00	0.00	0.01	0.16	0.26	0.41	0.50	0.58	0.58	0.75	1.10	1.24	1.58	0.49	1.38							

MEAN HMO : 1.40 MEAN TP : 7.41

ST.DEV. HMO : 0.67 ST.DEV. TP : 2.05

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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TROMSØFLAKET

AUGUST

1976 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. SUM	CUM. PROB.	CUM. PROB.	MEAN	STDEV.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14					
0.00-0.19										3						3	0.13	0.1344	8.13	0.16
0.20-0.39								1		2						3	0.13	0.2688	7.80	1.35
0.40-0.59		6		10	5	10	8	4	3	7	8	5	1	3		70	3.14	3.4050	6.99	3.24
0.60-0.79				6	14	14	29	19	6	2	2	5	2		3	102	4.57	7.9749	6.98	2.50
0.80-0.99				5	26	34	66	37	21	9	6	5			2	211	9.45	17.4283	6.83	1.85
1.00-1.19				1	31	43	63	71	33	8	5	2	4		3	264	11.83	29.2562	6.98	1.78
1.20-1.39					13	40	67	62	50	23	9	8		3		275	12.32	41.5770	7.43	1.70
1.40-1.59					11	22	55	53	42	20	13	9	3	1		229	10.26	51.8369	7.66	1.76
1.60-1.79					3	19	29	48	37	35	10	6	2		1	190	8.51	60.3494	8.02	1.66
1.80-1.99						16	29	25	32	15	5	5	5	7	1	140	6.27	66.6218	8.33	2.17
2.00-2.19						4	17	29	35	14	11	6			1	117	5.24	71.8637	8.36	1.57
2.20-2.39						1	23	25	27	16	6	4	2			104	4.66	76.5232	8.21	1.45
2.40-2.59							11	28	30	18	10	8	2	1	4	112	5.02	81.5411	8.96	1.94
2.60-2.79							4	10	20	20	11	10				75	3.36	84.9014	9.20	1.45
2.80-2.99							3	10	11	12	4	10	7	2	1	60	2.69	87.5895	9.85	1.97
3.00-3.19							1	14	17	14	4	6	2		1	59	2.64	90.2329	9.09	1.67
3.20-3.39					2	1	4	6	9	4	3	2			1	32	1.43	91.6666	9.40	1.98
3.40-3.59								1	3	15	5	7				31	1.39	93.0555	9.99	1.06
3.60-3.79						1		1	5	11	8	6	1	1		34	1.52	94.5787	9.95	1.41
3.80-3.99							1		3	7	2	7	1	1		22	0.99	95.5644	10.29	1.57
4.00-4.19								3	5	4	7	1			1	21	0.94	96.5052	9.74	1.80
4.20-4.39								1	1	1	1	5	1		1	10	0.45	96.9533	10.50	1.97
4.40-4.59							1		1	3		2				7	0.31	97.2669	9.56	1.74
4.60-4.79								1	1	3	1	3				9	0.40	97.6701	9.98	1.52
4.80-4.99					1			1		2	2	1	1		1	9	0.40	98.0733	10.24	3.02
5.00-5.19								1		1	1	1				4	0.18	98.2525	9.83	2.05
5.20-5.39						1		1		1	2	4				8	0.36	98.6109	10.17	2.48
5.40-5.59							3			1	2	1	1			8	0.36	98.9693	9.19	2.22
5.60-5.79							1	1			4			1		7	0.31	99.2830	9.96	2.08
5.80-5.99									1	1						0	0.00	99.2830	0.00	0.00
>=6.00						2	1	4			2	2	4		1	16	0.72	99.9998	9.70	2.95

SUM	0	6	0	22	103	210	414	454	394	270	149	127	41	20	22	2232				
MARG. PROB.	0.00	0.27	0.00	0.99	4.61	9.41	18.55	20.34	17.65	12.10	6.68	5.69	1.84	0.90	0.99					
CUM. PROB.	0.00	0.27	0.27	1.25	5.87	15.28	33.83	54.17	71.82	83.92	90.59	96.28	98.12	99.01	100.00					
MEAN	0.00	0.51	0.00	0.67	1.04	1.36	1.46	1.75	1.92	2.34	2.59	2.62	2.81	2.07	2.38					
STDEV.	0.00	0.05	0.00	0.19	0.27	0.85	0.73	0.95	0.80	1.01	1.40	1.35	1.74	1.26	1.54					

MEAN HMO : 1.85 MEAN TP : 7.99
 ST. DEV. HMO : 1.06 ST. DEV. TP : 2.11

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TROMSØ FLAKET

SEPTEMBER 1976 - 1984

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. CUM.				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.	
0.00-0.19								1	1									2	0.09	0.0927	7.09	0.25
0.20-0.39					1	1			1									3	0.14	0.2317	5.72	1.62
0.40-0.59					1			1										2	0.09	0.3244	5.65	1.58
0.60-0.79			1	1	3	16	6	4	2	4	5	1			4		47	2.18	2.5023	8.64	3.16	
0.80-0.99				3	6	20	18	16	7	6	4	1	1	2		84	3.89	6.3948	8.08	2.07		
1.00-1.19				9	17	17	35	32	13	8	11	3	3	1	149	6.90	13.2993	8.06	2.12			
1.20-1.39				7	16	35	35	42	16	10	11	9	1	1	183	8.48	21.7794	8.12	2.11			
1.40-1.59				6	17	29	37	46	34	14	18	14	6	4	225	10.43	32.2057	8.72	2.31			
1.60-1.79				2	14	24	35	33	31	6	10	7	8	10	180	8.34	40.5468	8.88	2.53			
1.80-1.99		1	2	5	32	35	31	20	22	14	6	2	7	177	8.20	48.7488	8.86	2.28				
2.00-2.19					13	19	36	29	16	20	15	7	2	4	161	7.46	56.2094	8.78	2.17			
2.20-2.39			1	3	21	20	19	16	16	8	3	1	2	110	5.10	61.3067	8.78	2.04				
2.40-2.59				6	11	20	32	35	10	13	5	4	4	140	6.49	67.7942	9.22	2.08				
2.60-2.79					1	9	14	35	34	6	15	3	5	127	5.89	73.6793	9.45	1.97				
2.80-2.99			2	2	7	4	24	22	11	14	6	3	4	99	4.59	78.2668	9.74	2.32				
3.00-3.19				1	3	12	19	14	5	6	7	3	3	73	3.38	81.6496	9.59	2.16				
3.20-3.39					1	4	4	13	10	17	7	8	5	3	72	3.34	84.9860	10.18	2.06			
3.40-3.59					2	4	7	11	15	11	5	7	3	7	72	3.34	88.3224	10.23	2.48			
3.60-3.79						2	4	6	7	9	7	3	3	41	1.90	90.2223	10.01	1.78				
3.80-3.99					2	3	1	5	11	2	5	3	4	6	42	1.95	92.1686	10.64	2.78			
4.00-4.19					1	1	1	3	5	5	5		2	3	26	1.20	93.3734	10.49	2.31			
4.20-4.39							1	3		3	3	1		1	12	0.56	93.9294	10.64	1.94			
4.40-4.59					2	1		2	5	5	3	2	2	22	1.02	94.9489	10.01	2.11				
4.60-4.79						3	1	3		8	6	2	2	3	28	1.30	96.2464	10.76	2.50			
4.80-4.99						2	1		7	3	5	2	1	4	25	1.16	97.4049	11.11	2.58			
5.00-5.19					1	1				3	1	2	1		9	0.42	97.8219	10.45	2.51			
5.20-5.39							1				2			3	0.14	97.9609	10.25	2.23				
5.40-5.59							1		1	1	2	1	3	1	10	0.46	98.4243	11.73	1.95			
5.60-5.79									1			1		1	3	0.14	98.5633	12.57	3.07			
5.80-5.99					1						1		1		3	0.14	98.7023	10.21	4.34			
>=6.00					1	2	4	1	5	1	7	5	1	1	28	1.30	99.9998	10.16	2.39			

SUM	0	0	0	5	32	116	268	335	409	327	206	203	109	67	81	2158
MAR. PROB.	0.00	0.00	0.00	0.23	1.48	5.38	12.42	15.52	18.95	15.15	9.55	9.41	5.05	3.10	3.75	
CUM. PROB.	0.00	0.00	0.00	0.23	1.71	7.09	19.51	35.03	53.99	69.14	78.68	88.09	93.14	96.25	100.00	
MEAN	0.00	0.00	0.00	2.10	1.23	1.86	1.87	1.96	2.14	2.50	2.62	2.72	2.81	3.02	2.80	
STDEV.	0.00	0.00	0.00	0.87	0.36	1.03	0.96	0.98	0.88	1.10	1.14	1.42	1.55	1.52	1.36	

MEAN HMO : 2.29 MEAN TP : 9.08
 ST.DEV. HMO : 1.17 ST.DEV. TP : 2.38

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HMO	TP															MARG. CUM.						
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19				1					1		1			2			1	6	0.25	0.2519	9.79	4.62
0.20-0.39			1		1	5	4	3	1			2	1	5	5	3	31	1.30	1.5533	9.61	3.74	
0.40-0.59				3				5	2		1		3	4	1	1	20	0.84	2.3929	8.94	3.59	
0.60-0.79			1		2	3	12	5	3	4	1	5	1	1	2	40	1.68	4.0722	8.36	3.01		
0.80-0.99					2	7	17	18	8	3	4	1	2		3	65	2.73	6.8010	8.12	3.23		
1.00-1.19					4	4	15	17	9	16	5	3	4	1	2	80	3.36	10.1595	8.35	2.26		
1.20-1.39					4	10	23	13	14	17	8	7	3	1	7	107	4.49	14.6515	8.84	3.12		
1.40-1.59			1		2	15	23	32	35	16	10	7	3	3	7	154	6.47	21.1167	8.46	2.39		
1.60-1.79					1	11	26	29	38	36	15	9	4	14	8	191	8.02	29.1352	9.13	2.46		
1.80-1.99					2	7	29	22	36	30	18	5	7	6	6	168	7.05	36.1880	8.99	2.39		
2.00-2.19						7	23	29	33	29	19	8	8	2	10	168	7.05	43.2409	9.11	2.42		
2.20-2.39						4	17	28	33	39	16	7	7	2	4	157	6.59	49.8320	9.04	1.94		
2.40-2.59						5	20	29	32	17	29	12	5	7	7	163	6.84	56.6750	9.35	2.42		
2.60-2.79						3	15	38	27	36	19	8	8	5	3	162	6.80	63.4760	9.02	1.95		
2.80-2.99						1	11	33	29	31	20	12	13	3	4	157	6.59	70.0671	9.40	2.01		
3.00-3.19						3	3	18	23	17	18	12	8	1	4	107	4.49	74.5591	9.62	2.20		
3.20-3.39							3	14	16	15	16	7	3		6	80	3.36	77.9176	9.71	2.03		
3.40-3.59							3	14	20	13	8	5	4	2	3	72	3.02	80.9403	9.51	2.05		
3.60-3.79							2	4	17	17	9	9	3	6	2	69	2.90	83.8370	10.10	1.96		
3.80-3.99							4	7	17	10	18	10	2	2	1	71	2.98	86.8177	9.67	1.77		
4.00-4.19					1		2	7	7	8	9	6	4	1	1	46	1.93	88.7488	9.81	2.22		
4.20-4.39						1	4	3	8	12	5	3	5		3	44	1.85	90.5960	9.75	2.39		
4.40-4.59						1	2	4	2	4	7	5	7	6	2	40	1.68	92.2753	10.90	2.58		
4.60-4.79							5	7	2	7	6	11	4	1	1	44	1.85	94.1225	9.88	2.16		
4.80-4.99							2	3			3	5	6	5	2	26	1.09	95.2140	10.79	2.42		
5.00-5.19										3	4	2	4	1	2	16	0.67	95.8857	11.81	1.99		
5.20-5.39									1		1	1	3	3	2	11	0.46	96.3475	12.48	1.73		
5.40-5.59											1	2		1	1	5	0.21	96.5574	12.28	1.38		
5.60-5.79										1		5	3	1	2	12	0.50	97.0611	12.19	1.35		
5.80-5.99											2	4	3	1		10	0.42	97.4809	11.69	0.94		
>=6.00											9	9	6	17	19	60	2.52	99.9998	13.23	1.78		

SUM	0	0	2	5	19	87	270	380	411	386	284	187	138	94	119	2382
MAR.PROB.	0.00	0.00	0.08	0.21	0.80	3.65	11.34	15.95	17.25	16.20	11.92	7.85	5.79	3.95	5.00	
CUM.PROB.	0.00	0.00	0.08	0.29	1.09	4.74	16.08	32.03	49.29	65.49	77.41	85.26	91.06	95.00	100.00	
MEAN	0.00	0.00	0.27	0.73	1.35	1.69	1.98	2.35	2.46	2.55	2.94	3.24	3.17	3.58	3.47	
STDEV.	0.00	0.00	0.13	0.42	0.77	0.77	0.96	0.95	0.88	0.99	1.24	1.62	1.66	2.35	2.58	

MEAN HMO : 2.61 MEAN TP : 9.37

ST.DEV. HMO : 1.38 ST.DEV. TP : 2.51

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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19							1							1				2	0.08	0.0837	8.33	4.15
0.20-0.39				1	1	1	1	1	2		3	2	1			1		13	0.54	0.6276	8.46	3.01
0.40-0.59			1						1	1	1	1				1		6	0.25	0.8787	8.89	3.19
0.60-0.79					1	1				1	2			2			3	10	0.42	1.2971	11.23	4.64
0.80-0.99					1	1	1	1	1	3	3		1		1	5	17	0.71	2.0084	10.89	4.19	
1.00-1.19					1	4	3	9	7	7	3	1			2	6	43	1.80	3.8075	9.37	3.20	
1.20-1.39							14	25	28	6	17	4	3	2	2	3	104	4.35	8.1590	8.05	2.24	
1.40-1.59					4	16	21	27	18	23	4	3	2	4	6	128	5.36	13.5146	8.33	2.47		
1.60-1.79					1	17	19	29	36	18	7	5	5	6	11	154	6.44	19.9581	8.86	2.74		
1.80-1.99				1	5	8	23	35	39	20	14	11	11	5	12	184	7.70	27.6569	9.09	2.73		
2.00-2.19						7	20	30	43	32	20	4	15	4	12	187	7.82	35.4811	9.34	2.55		
2.20-2.39						3	30	23	36	27	13	12	6	6	6	162	6.78	42.2594	9.08	2.29		
2.40-2.59						4	15	26	28	28	11	14	7	5	9	147	6.15	48.4100	9.49	2.60		
2.60-2.79						3	9	13	31	27	10	10	9	2	4	118	4.94	53.3472	9.45	2.08		
2.80-2.99							7	22	21	15	14	8	6	4	8	105	4.39	57.7405	9.80	2.55		
3.00-3.19							9	9	19	27	20	10	5	4	4	107	4.48	62.2175	9.82	2.10		
3.20-3.39							3	15	13	18	18	13	12	2	3	97	4.06	66.2760	10.06	2.08		
3.40-3.59								14	18	15	17	10	10	5	2	91	3.81	70.0836	10.08	1.92		
3.60-3.79						1	9	18	10	11	11	12	9	6	87	3.64	73.7237	10.69	2.34			
3.80-3.99						2	1	4	9	11	13	6	5	10	6	67	2.80	76.5271	10.79	2.53		
4.00-4.19							1	2	8	11	10	9	9	6	3	59	2.47	78.9957	10.85	1.87		
4.20-4.39								6	8	13	7	10	5	8	9	66	2.76	81.7572	11.11	2.42		
4.40-4.59								2	2	4	9	4	6	7	4	38	1.59	83.3472	11.63	2.10		
4.60-4.79								2	3	7	10	11	10	1	2	46	1.92	85.2718	11.05	1.77		
4.80-4.99						1	2	6	11	11	6	11	5	1	54	2.26	87.5312	10.81	1.84			
5.00-5.19						1	2	2	7	7	10	4	5	3	41	1.72	89.2467	11.22	2.25			
5.20-5.39							1	2	3	5	11	3	5	2	32	1.34	90.5856	11.50	1.65			
5.40-5.59					1			1	3		4	9	7	3	1	29	1.21	91.7990	11.26	2.20		
5.60-5.79								1		1	1	1	5	4	4	17	0.71	92.5103	12.72	2.36		
5.80-5.99				1		1	1	2	1	1	1	4	5	2	3	22	0.92	93.4308	10.86	3.24		
>=6.00					1	1	8	10	7	7	14	17	33	30	29	157	6.57	99.9998	11.86	2.64		

SUM	0	0	0	4	16	84	201	327	389	369	261	216	207	148	168	2390
MARG. PROB.	0.00	0.00	0.00	0.17	0.67	3.51	8.41	13.68	16.28	15.44	10.92	9.04	8.66	6.19	7.03	
CUM. PROB.	0.00	0.00	0.00	0.17	0.84	4.35	12.76	26.44	42.72	58.16	69.08	78.12	86.78	92.97	100.00	
MEAN	0.00	0.00	0.00	2.15	2.01	1.81	2.35	2.51	2.70	2.83	3.46	3.76	4.10	4.26	3.73	
STDEV.	0.00	0.00	0.00	2.61	1.59	0.96	1.38	1.20	1.15	1.26	1.44	1.49	1.78	1.94	2.44	

MEAN HMO : 3.10 MEAN TP : 9.85
 ST.DEV. HMO : 1.64 ST.DEV. TP : 2.65

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HMD	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19							1											1	0.04	0.0415	5.80	0.00
0.20-0.39					1	2	1			1	2							7	0.29	0.3317	7.15	2.16
0.40-0.59							2	1	1	1	1							6	0.25	0.5804	7.07	1.68
0.60-0.79						2	1	1	2	1								7	0.29	0.8706	6.49	1.68
0.80-0.99			1		3	5	7	4	7				3	1	1			32	1.33	2.1973	7.61	2.42
1.00-1.19					5	10	9	8	2	4	2			2	2	2		46	1.91	4.1045	7.93	3.41
1.20-1.39					4	7	12	18	6	8	4	10			1	6		76	3.15	7.2554	8.84	3.32
1.40-1.59					6	13	21	26	15	16	9	8	12	4	14			144	5.97	13.2255	9.13	3.09
1.60-1.79					4	16	30	31	18	15	5	8	7	4	12			150	6.22	19.4444	8.62	2.82
1.80-1.99					1	14	18	20	16	12	8	4	6	4	18			121	5.02	24.4610	9.32	3.24
2.00-2.19			1		2	13	27	37	29	26	7	2	9	3	10			166	6.88	31.3432	8.63	2.65
2.20-2.39			1			7	24	30	36	27	4	6	6	4	15			160	6.63	37.9767	9.05	2.73
2.40-2.59			1			3	26	49	46	20	10	5	5	2	9			176	7.30	45.2736	8.71	2.32
2.60-2.79			1		3		22	31	45	23	8	5	10	4	3			155	6.43	51.6998	8.81	2.35
2.80-2.99					1	2	13	24	37	23	15	7	3	7	5			137	5.68	57.3797	9.23	2.22
3.00-3.19			1			2	10	33	28	30	11	6	8	5	10			144	5.97	63.3499	9.41	2.43
3.20-3.39							6	16	30	16	11	8	3	4	3			97	4.02	67.3714	9.40	1.99
3.40-3.59			1		1	2	15	29	24	11	7	3	2	4				99	4.10	71.4759	9.40	1.99
3.60-3.79							4	7	19	21	14	5	3	4	4			81	3.36	74.8341	9.80	2.06
3.80-3.99							1	7	18	19	21	13	3	3	4			89	3.69	78.5240	10.05	1.78
4.00-4.19							3	1	16	21	19	6	4	3	3			76	3.15	81.6749	10.05	1.70
4.20-4.39						1	3	5	8	17	9	9	5	2	5			64	2.65	84.3283	10.16	2.11
4.40-4.59						2	3	1	6	13	7	8	7	2	2			51	2.11	86.4427	10.18	2.11
4.60-4.79							1	1	1	7	8	4	4	2	4			32	1.33	87.7694	11.06	2.12
4.80-4.99							3		2	5	6	10	5	6				37	1.53	89.3034	10.96	1.87
5.00-5.19							1	3	4	6	6	9	7		1			37	1.53	90.8374	10.46	1.72
5.20-5.39							1	1	1	5	4	9	10	2	2	1		36	1.49	92.3299	10.43	1.90
5.40-5.59							2	1	2	2	5	7	6	3	1	1		30	1.24	93.5737	10.26	2.22
5.60-5.79								1	1	1	1	8	4	4	3	2		25	1.04	94.6102	11.18	1.99
5.80-5.99							1	2	2	2	1	9	5	3	6	1		32	1.33	95.9368	10.78	2.29
>=6.00							1		7	6	6	14	11	14	18	21		98	4.06	99.9998	12.02	2.67

SUM	0	0	0	7	32	107	254	383	437	373	242	179	139	99	160	2412
MARG. PROB.	0.00	0.00	0.00	0.29	1.33	4.44	10.53	15.88	18.12	15.46	10.03	7.42	5.76	4.10	6.63	
CUM. PROB.	0.00	0.00	0.00	0.29	1.62	6.05	16.58	32.46	50.58	66.04	76.08	83.50	89.26	93.37	100.00	
MEAN	0.00	0.00	0.00	2.41	1.50	1.96	2.33	2.56	2.91	3.15	3.82	3.78	3.64	3.97	3.29	
STDEV.	0.00	0.00	0.00	0.85	0.63	1.16	0.97	1.08	1.05	1.19	1.42	1.59	1.72	1.78	2.05	

MEAN HMD : 3.03 MEAN TP : 9.39
 ST.DEV. HMD : 1.44 ST.DEV. TP : 2.64

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1/ 1 1976 -- 30/ 6 1986

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.				
0.00-0.19			4	5		1	4	2	3	6	2		3	1		1	32	0.11	0.1089	6.56	3.73
0.20-0.39				4	7	6	10	13	14	20	8	5	4	6	6	4	107	0.36	0.4731	8.08	3.13
0.40-0.59			6		62	32	76	50	29	17	34	25	24	13	11	2	381	1.30	1.7699	7.06	2.96
0.60-0.79				7	57	142	180	180	97	54	49	37	38	22	16	23	902	3.07	4.8400	7.05	2.75
0.80-0.99			1	34	169	231	372	231	136	70	43	46	39	20	32	1424	4.85	9.6869	7.31	2.55	
1.00-1.19				12	182	306	424	355	210	105	63	58	43	22	39	1819	6.19	15.8781	7.42	2.37	
1.20-1.39				6	135	298	471	409	304	167	85	90	58	36	48	2107	7.17	23.0497	8.13	2.37	
1.40-1.59				1	78	281	443	449	385	229	114	92	62	41	72	2247	7.65	30.6977	8.13	2.37	
1.60-1.79					33	249	395	462	354	258	98	100	66	59	104	2178	7.41	38.1109	8.47	2.54	
1.80-1.99				3	17	170	387	401	366	237	127	84	58	58	116	2024	6.89	45.0000	8.68	2.59	
2.00-2.19				1	2	102	320	421	392	230	137	64	65	36	100	1870	6.36	51.3648	8.72	2.42	
2.20-2.39				2	2	43	274	378	376	254	130	76	49	36	81	1701	5.79	57.1545	8.86	2.32	
2.40-2.59				1		30	194	381	403	253	134	84	60	44	90	1674	5.70	62.8522	9.10	2.35	
2.60-2.79				1	3	14	148	306	354	293	119	98	57	43	50	1486	5.06	67.9101	9.12	2.10	
2.80-2.99				2	1	7	89	225	301	258	131	103	55	45	60	1277	4.35	72.2566	9.51	2.23	
3.00-3.19				1		7	45	168	292	247	140	84	55	25	52	1116	3.80	76.0551	9.54	2.05	
3.20-3.39						4	33	135	237	184	178	84	61	29	55	1000	3.40	79.4587	9.84	2.15	
3.40-3.59				1		3	16	109	210	206	113	80	51	24	46	859	2.92	82.3825	9.85	2.07	
3.60-3.79						3	13	59	155	179	117	98	46	45	37	752	2.56	84.9420	10.19	2.06	
3.80-3.99						4	12	44	121	148	117	75	40	40	40	641	2.18	87.1238	10.30	2.05	
4.00-4.19					1	1	7	22	93	105	117	73	48	25	33	525	1.79	88.9107	10.50	1.96	
4.20-4.39						4	8	23	65	100	89	58	41	31	41	460	1.57	90.4764	10.65	2.21	
4.40-4.59						6	8	11	43	85	83	47	47	28	28	386	1.31	91.7902	10.75	2.12	
4.60-4.79							10	13	29	76	87	73	57	29	25	399	1.36	93.1483	10.95	1.99	
4.80-4.99						1	8	11	17	64	66	64	50	30	19	330	1.12	94.2715	11.06	1.92	
5.00-5.19						1	3	6	10	54	54	55	45	21	18	267	0.91	95.1802	11.18	1.89	
5.20-5.39						2	6	4	13	17	49	75	33	19	11	229	0.78	95.9597	11.18	1.77	
5.40-5.59					1	2	6	5	7	17	37	50	29	17	18	189	0.64	96.6030	11.35	2.22	
5.60-5.79							4	7	2	10	23	39	38	17	18	158	0.54	97.1407	11.75	2.10	
5.80-5.99				1		3	4	6	3	6	25	32	26	17	7	130	0.44	97.5832	11.27	2.16	
>=6.00					1	5	12	26	23	29	75	103	155	139	142	710	2.42	99.9998	12.28	2.31	

SUM	0	10	17	192	806	2047	3957	4810	4998	3974	2618	2054	1476	1009	1412	29380				
MARG. PROB.	0.00	0.03	0.06	0.65	2.74	6.97	13.47	16.37	17.01	13.53	8.91	6.99	5.02	3.43	4.81					
CUM. PROB.	0.00	0.03	0.09	0.75	3.49	10.46	23.92	40.30	57.31	70.83	79.74	86.74	91.76	95.19	100.00					
MEAN	0.00	0.36	0.44	0.84	1.09	1.42	1.73	2.08	2.41	2.74	3.15	3.29	3.52	3.57	3.21					
STDEV.	0.00	0.20	0.23	0.62	0.44	0.70	0.83	0.92	1.00	1.17	1.43	1.62	1.85	1.97	1.98					

MEAN HMO : 2.45 MEAN TP : 8.92

ST.DEV. HMO : 1.40 ST.DEV. TP : 2.65

THE NORWEGIAN METEOROLOGICAL INSTITUTE.

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0313 OSLO 3, NORWAY.

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JANUARY 1981 - 1984

HMO	TP															SUM	MARG. PROB.	CUM. PROB.	MEAN	STDEV.
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	>=14					
0.00-0.19	1															0	0.00	0.0000	0.00	0.00
0.20-0.39																0	0.00	0.0000	0.00	0.00
0.40-0.59																0	0.00	0.0000	0.00	0.00
0.60-0.79																0	0.00	0.0000	0.00	0.00
0.80-0.99																0	0.00	0.0000	0.00	0.00
1.00-1.19																0	0.00	0.0000	0.00	0.00
1.20-1.39																0	0.00	0.0000	0.00	0.00
1.40-1.59																0	0.00	0.0000	0.00	0.00
1.60-1.79									1						1	2	0.52	0.5208	9.45	2.72
1.80-1.99															1	2	0.52	1.0417	12.83	2.24
2.00-2.19											1	2	1		1	5	1.30	2.3437	12.27	2.23
2.20-2.39									1		1	3	1	1	1	8	2.08	4.4271	10.82	2.71
2.40-2.59					1						2	1	1	2		7	1.82	6.2500	10.06	3.01
2.60-2.79											3	3	1	1	2	9	2.34	8.5937	12.27	1.61
2.80-2.99					1			1			3	2	5	2	1	20	5.21	13.8021	11.60	2.97
3.00-3.19								1			2	2	2	1	2	10	2.60	16.4062	12.44	3.03
3.20-3.39					1			1	1		2	8	2	2	2	22	5.73	22.1354	11.03	2.78
3.40-3.59								1			2	1	2	2	3	18	4.69	26.8229	12.06	2.64
3.60-3.79									1		1	3	2	3	6	21	5.47	32.2916	11.81	2.28
3.80-3.99					1				1	2	3	3	1	5	3	19	4.95	37.2395	10.82	2.45
4.00-4.19									1		4	4	3	4	5	28	7.29	44.5312	12.54	2.86
4.20-4.39												3	2	3	1	10	2.60	47.1354	12.46	2.35
4.40-4.59												3	3	2	4	25	6.51	53.6458	11.92	2.15
4.60-4.79										1	2		2	1	1	14	3.65	57.2916	13.51	3.09
4.80-4.99										1		2	3	1	4	15	3.91	61.1978	12.68	2.16
5.00-5.19											1	5	4	3	1	14	3.65	64.8437	11.27	1.11
5.20-5.39												3	3	3		12	3.13	67.9687	12.47	2.05
5.40-5.59												3	1	2	1	12	3.13	71.0937	13.48	2.78
5.60-5.79												1	2	2	2	12	3.13	74.2187	13.55	1.82
5.80-5.99										1		1	2	1		8	2.08	76.3020	12.62	2.70
>=6.00											2	6	15	21	11	91	23.70	99.9999	13.53	2.21

SUM	0	0	0	0	4	0	4	6	11	27	57	63	69	45	98	384
MARG. PROB.	0.00	0.00	0.00	0.00	1.04	0.00	1.04	1.56	2.86	7.03	14.84	16.41	17.97	11.72	25.52	
CUM. PROB.	0.00	0.00	0.00	0.00	1.04	1.04	2.08	3.65	6.51	13.54	28.39	44.79	62.76	74.48	100.00	
MEAN	0.00	0.00	0.00	0.00	3.14	0.00	3.01	3.30	4.29	3.91	4.24	4.79	5.03	4.94	5.61	
STDEV.	0.00	0.00	0.00	0.00	0.62	0.00	0.55	0.87	0.72	1.02	1.29	1.80	1.67	1.75	2.13	

MEAN HMO : 4.84 MEAN TP : 12.40
 ST.DEV. HMO : 1.80 ST.DEV. TP : 2.57
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

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FEBRUARY 1981 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59																0	0.00	0.0000	0.00	0.00	
0.60-0.79																0	0.00	0.0000	0.00	0.00	
0.80-0.99																0	0.00	0.0000	0.00	0.00	
1.00-1.19								1				1				1	3	0.85	0.8523	11.18	4.72
1.20-1.39									1	1		1				3	0.85	1.7045	8.65	1.49	
1.40-1.59					4						4	1				9	2.56	4.2614	7.47	2.94	
1.60-1.79				1					1	1	3	1	1		8	2.27	6.5341	8.71	1.96		
1.80-1.99						2			2	3	4	7			18	5.11	11.6477	9.13	1.66		
2.00-2.19						3			1	7	2	2	4	1	22	6.25	17.8977	9.50	2.51		
2.20-2.39						2	1	1	1	5	4	1		1	16	4.55	22.4432	9.44	3.81		
2.40-2.59							2	3	5	5	3			1	24	6.82	29.2613	10.12	2.76		
2.60-2.79							1	5	2	2	3	5	1	1	22	6.25	35.5113	10.10	2.47		
2.80-2.99								2	10	3	2	2	1	2	27	7.67	43.1818	10.85	3.27		
3.00-3.19							2	4	1	3	2		5	3	23	6.53	49.7159	11.00	3.32		
3.20-3.39							1	3	2	2	3	2	2	1	19	5.40	55.1136	10.66	2.75		
3.40-3.59							2	2	2	2	4	5	2	3	22	6.25	61.3636	10.77	2.68		
3.60-3.79								2	1			2	2	1	9	2.56	63.9204	11.15	2.46		
3.80-3.99									4	1	1			3	9	2.56	66.4772	11.24	3.39		
4.00-4.19								2	3	5		8	3	1	24	6.82	73.2954	10.92	2.31		
4.20-4.39									3		2	1	6	1	13	3.69	76.9886	11.09	1.79		
4.40-4.59							1		3	1		3	1	1	15	4.26	81.2499	12.37	3.74		
4.60-4.79										1	1	3	1		5	1.42	82.6703	11.59	0.62		
4.80-4.99										1	2			2	5	1.42	84.0908	13.16	2.89		
5.00-5.19										1	1	1	2		5	1.42	85.5112	11.43	1.32		
5.20-5.39									2		1		4	1	9	2.56	88.0680	11.93	2.71		
5.40-5.59											1	1	3	2	6	1.70	89.7726	13.79	2.72		
5.60-5.79										1		1		1	4	1.14	90.9089	11.68	1.91		
5.80-5.99											1				1	0.28	91.1930	10.34	0.00		
>=6.00											2	6	9	7	7	31	8.81	99.9998	12.93	1.45	

SUM	0	0	0	0	5	7	11	29	55	43	42	46	45	20	49	352
MARG. PROB.	0.00	0.00	0.00	0.00	1.42	1.99	3.13	8.24	15.63	12.22	11.93	13.07	12.78	5.68	13.92	
CUM. PROB.	0.00	0.00	0.00	0.00	1.42	3.41	6.53	14.77	30.40	42.61	54.55	67.61	80.40	86.08	100.00	
MEAN	0.00	0.00	0.00	0.00	1.52	2.12	2.92	2.84	3.03	2.81	3.17	4.03	4.65	4.48	4.29	
STDEV.	0.00	0.00	0.00	0.00	0.13	0.16	0.86	0.69	0.94	1.04	1.39	1.36	1.45	1.55	2.32	

MEAN HMO : 3.56 MEAN TP : 10.78
 ST.DEV. HMO : 1.58 ST.DEV. TP : 2.89
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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MARCH 1980 - 1985

TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	SUM	PROB.	PROB.	MEAN	STDEV.	
	HMO	1	2	3	4	5	6	7	8	9	10	11	12	13								14
0.00-0.19															0	0.00	0.0000	0.00	0.00			
0.20-0.39															0	0.00	0.0000	0.00	0.00			
0.40-0.59															0	0.00	0.0000	0.00	0.00			
0.60-0.79					1		1	1	1					2	6	1.02	1.0169	7.69	3.16			
0.80-0.99				1	2			2		5	1	1			12	2.03	3.0508	8.04	2.58			
1.00-1.19				1	3	2	5	3	2	2	2				20	3.39	6.4407	7.98	2.12			
1.20-1.39				1	1	2	10	14	6	3	4		2		43	7.29	13.7288	8.76	1.73			
1.40-1.59				2	1	3		7	9	4	1	2	1		30	5.08	18.8136	9.02	2.14			
1.60-1.79				1	5	6		4	3	7	5	3	3	2	39	6.61	25.4237	9.57	2.99			
1.80-1.99				1	4	7	1	3	4	3	1	6		2	32	5.42	30.8474	9.12	2.98			
2.00-2.19				1	2	6		2	5	5	3	4	1	4	33	5.59	36.4407	10.04	3.18			
2.20-2.39					1	3	1	4	3	7	4	1	2	9	35	5.93	42.3728	11.15	2.99			
2.40-2.59				3		9	8	5	10	3	2	3	1	3	47	7.97	50.3389	8.89	2.68			
2.60-2.79				1		3	4	5	2	2	4	2	4	6	33	5.59	55.9322	10.53	3.00			
2.80-2.99				1		7	6	5	5	2		1	1	4	32	5.42	61.3559	9.27	3.19			
3.00-3.19				1		3	3	2	7	1	2			4	23	3.90	65.2542	9.82	3.30			
3.20-3.39							2	1	3	5	4	1	4	6	26	4.41	69.6609	11.82	2.54			
3.40-3.59							7	5	2	2	1	2	1	5	25	4.24	73.8982	10.64	3.52			
3.60-3.79						1	4	5	1			1		2	14	2.37	76.2711	9.43	2.97			
3.80-3.99								2	3	3	3	1		5	17	2.88	79.1525	11.85	2.73			
4.00-4.19							1	6	5	2			1	4	19	3.22	82.3728	10.69	2.96			
4.20-4.39							2		1	3	1	3	1	2	13	2.20	84.5762	11.56	2.45			
4.40-4.59							1	3	2	5	4	2	2	2	21	3.56	88.1355	11.05	2.21			
4.60-4.79							2		1	2	2		1	5	13	2.20	90.3389	12.91	3.96			
4.80-4.99								1	3	1	3			2	10	1.69	92.0338	11.52	3.38			
5.00-5.19								4	2	3	1	1		2	13	2.20	94.2372	10.71	2.76			
5.20-5.39								1		1	1		1	3	7	1.19	95.4236	13.84	4.34			
5.40-5.59										1	1	2	1	2	7	1.19	96.6100	13.88	3.25			
5.60-5.79									1		2	2			5	0.85	97.4575	11.47	1.11			
5.80-5.99											1		2	2	5	0.85	98.3049	12.70	1.30			
>=6.00											1	3	1	3	2	10	1.69	99.9998	12.76	1.45		

SUM	0	0	0	2	15	18	53	61	81	85	70	57	42	30	76	590
MAR. PROB.	0.00	0.00	0.00	0.34	2.54	3.05	8.98	10.34	13.73	14.41	11.86	9.66	7.12	5.08	12.88	
CUM. PROB.	0.00	0.00	0.00	0.34	2.88	5.93	14.92	25.25	38.98	53.39	65.25	74.92	82.03	87.12	100.00	
MEAN	0.00	0.00	0.00	0.84	1.94	1.61	2.20	2.63	2.65	2.66	3.01	3.16	3.21	3.81	3.49	
STDEV.	0.00	0.00	0.00	0.12	0.72	0.43	0.63	1.14	1.19	1.20	1.36	1.61	1.58	1.86	1.21	

MEAN HMO : 2.85 MEAN TP : 10.14
 ST.DEV. HMO : 1.35 ST.DEV. TP : 3.08

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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APRIL 1980 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14							
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39																		0	0.00	0.0000	0.00	0.00
0.40-0.59																		0	0.00	0.0000	0.00	0.00
0.60-0.79									1							1		2	0.20	0.2028	10.17	4.43
0.80-0.99								1	7	2	1				1			12	1.22	1.4199	8.37	1.49
1.00-1.19					2	2	4	3	13	3	5	1	1				3	37	3.75	5.1724	8.81	2.58
1.20-1.39					8	6	8	10	8	10	3	5	1	2	2			63	6.39	11.5619	8.23	2.72
1.40-1.59					2	2	5	8	11	11	4	5	7	4	3			62	6.29	17.8499	9.69	2.67
1.60-1.79					2	4	4	6	10	10	7	4	4	1	3	5		56	5.68	23.5294	9.45	2.66
1.80-1.99					3	3	8	4	10	7	4			1	2	5		47	4.77	28.2961	9.05	3.41
2.00-2.19					2	3	3	9	10	8	9	5	3			4		56	5.68	33.9756	9.31	2.55
2.20-2.39					2	3	3	9	9	7	8	3	2	4	4			55	5.58	39.5537	9.37	2.82
2.40-2.59					3	3	3	9	9	7	8	2	4	4	5	5		44	4.46	44.0162	10.26	3.06
2.60-2.79					1	3	3	2	7	8	2	4	4	4	5	5		44	4.46	44.0162	10.26	3.06
2.80-2.99					1	1	4	9	12	11	6	6	2	4	1			57	5.78	49.7971	9.46	2.17
3.00-3.19					1	1	5	9	16	7	6	1	12			2		58	5.88	55.6794	9.59	2.12
3.20-3.39					2		2	10	12	9	11	8	8	3	3	3		68	6.90	62.5760	9.95	2.46
3.40-3.59					1		6	14	9	6	6	3	3	5	5	5		53	5.38	67.9512	10.21	2.65
3.60-3.79					1		1	6	5	10	7	6	4	3	4	4		47	4.77	72.7179	10.41	2.49
3.80-3.99					1		1	5	6	8	6	4	2	1		1		34	3.45	76.1662	10.46	2.06
4.00-4.19							2	5	7	4	7	6			2			33	3.35	79.5131	10.59	1.90
4.20-4.39							1	1		9	8	1			4			24	2.43	81.9471	11.36	1.84
4.40-4.59								5	1	1	9	4	3	2		2		25	2.54	84.4826	11.33	1.83
4.60-4.79								1	6	2	8	1			2			20	2.03	86.5110	11.01	1.67
4.80-4.99									4	3	7	3	2	2		2		21	2.13	88.6408	11.71	1.60
5.00-5.19									4	8	6		1	2				21	2.13	90.7706	11.17	1.66
5.20-5.39								2	4	5	4	2	3					20	2.03	92.7990	11.00	1.63
5.40-5.59									2	1	5	4						12	1.22	94.0161	11.50	1.17
5.60-5.79								1		3	2	2	3					11	1.12	95.1317	11.75	1.54
5.80-5.99										3	2	1	1	1		1		8	0.81	95.9430	11.90	1.54
>=6.00											2							2	0.20	96.1459	11.45	0.45
										1	4	8	10	8	7			38	3.85	99.9998	12.65	1.55

SUM	0	0	0	0	29	27	51	103	159	146	129	128	88	57	69	986						
MARG. PROB.	0.00	0.00	0.00	0.00	2.94	2.74	5.17	10.45	16.13	14.81	13.08	12.98	8.92	5.78	7.00							
CUM. PROB.	0.00	0.00	0.00	0.00	2.94	5.68	10.85	21.30	37.42	52.23	65.31	78.30	87.22	93.00	100.00							
MEAN	0.00	0.00	0.00	0.00	1.99	1.82	1.97	2.29	2.52	2.86	3.32	3.79	3.68	3.61	3.51							
STDEV.	0.00	0.00	0.00	0.00	0.76	0.49	0.66	0.85	0.96	1.18	1.34	1.40	1.64	1.77	2.28							

MEAN HMO : 2.99 MEAN TP : 10.00
 ST.DEV. HMO : 1.46 ST.DEV. TP : 2.60

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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MAY 1980 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG. SUM	CUM. PROB.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14					>=14
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39																0	0.00	0.0000	0.00	0.00
0.40-0.59							3	4	2	1						10	0.86	0.8643	6.53	0.98
0.60-0.79				1		1	14	4	5	6	1					32	2.77	3.6301	7.64	1.58
0.80-0.99			1	3	16	16	25	6	7	12	7			2	5	100	8.64	12.2731	8.27	2.81
1.00-1.19				7	9	13	36	16	17	14	12	7		2	3	136	11.75	24.0276	8.65	2.48
1.20-1.39				12	24	14	38	17	10	8	15	7	4	5	5	154	13.31	37.3379	8.28	2.75
1.40-1.59				8	20	13	33	27	12	9	15	6	1			144	12.45	49.7839	8.17	2.18
1.60-1.79				1	12	24	31	24	11	3	5	5	3	3	3	122	10.54	60.3284	8.24	2.31
1.80-1.99				1	17	20	22	24	15	8	3				4	114	9.85	70.1815	8.03	2.09
2.00-2.19				2	10	14	11	18	9	6	1				4	75	6.48	76.6637	8.13	2.31
2.20-2.39					2	9	11	25	13	6	2	1	1	4		74	6.40	83.0596	8.92	2.10
2.40-2.59			1	1	8	15	17	10	9	2					63	5.45	88.5047	8.42	1.47	
2.60-2.79					1	4	6	7	10	5	3	1		1	38	3.28	91.7890	9.10	1.86	
2.80-2.99							2	7	5	4	1	1			20	1.73	93.5176	9.44	1.12	
3.00-3.19						1	3	2	5	2	1		1		15	1.30	94.8141	9.30	1.83	
3.20-3.39							2	2	1	3	1				9	0.78	95.5919	9.53	1.38	
3.40-3.59								2	3	4					9	0.78	96.3698	9.86	0.91	
3.60-3.79							1	1	3	3				1	9	0.78	97.1477	10.11	1.74	
3.80-3.99								1	2	1					4	0.35	97.4934	9.38	0.57	
4.00-4.19								2		3	1				6	0.52	98.0120	9.90	1.41	
4.20-4.39									4						4	0.35	98.3577	9.48	0.14	
4.40-4.59							1		2	2					5	0.43	98.7898	9.71	1.06	
4.60-4.79									2	1					3	0.26	99.0491	9.73	0.29	
4.80-4.99									1	1					2	0.17	99.2220	9.86	1.14	
5.00-5.19									3						3	0.26	99.4812	9.58	0.46	
5.20-5.39									1		2				3	0.26	99.7405	10.98	0.89	
5.40-5.59									1						1	0.09	99.8269	9.94	0.00	
5.60-5.79										1					1	0.09	99.9134	10.61	0.00	
5.80-5.99										1					1	0.09	99.9998	10.40	0.00	
>=6.00															0	0.00	99.9998	0.00	0.00	

SUM	0	0	0	2	35	116	154	243	204	153	107	71	28	14	30	1157
MARG. PROB.	0.00	0.00	0.00	0.17	3.03	10.03	13.31	21.00	17.63	13.22	9.25	6.14	2.42	1.21	2.59	
CUM. PROB.	0.00	0.00	0.00	0.17	3.20	13.22	26.53	47.54	65.17	78.39	87.64	93.78	96.20	97.41	100.00	
MEAN	0.00	0.00	0.00	0.82	1.38	1.48	1.56	1.61	1.91	2.20	2.16	1.67	1.52	1.51	1.70	
STDEV.	0.00	0.00	0.00	0.12	0.34	0.42	0.58	0.60	0.66	1.11	1.14	0.87	0.46	0.58	0.64	

MEAN HMO : 1.77 MEAN TP : 8.43
 ST.DEV. HMO : 0.80 ST.DEV. TP : 2.30
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
 THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,
 0313 OSLO 3, NORWAY.

HALTEN

JUNE 1980 - 1985

HMO	TP															MARG. CUM.					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	SIDEV.
0.00-0.19																	0	0.00	0.0000	0.00	0.00
0.20-0.39																	0	0.00	0.0000	0.00	0.00
0.40-0.59						2	3	1	4								10	0.83	0.8292	7.26	1.11
0.60-0.79				6	10	7	20	12	8	6	8						77	6.38	7.2139	6.94	2.00
0.80-0.99			2	13	12	33	27	11	7	14	3	2					124	10.28	17.4958	7.36	1.95
1.00-1.19				18	22	27	31	12	13	6	5		1	1			136	11.28	28.7728	7.23	2.04
1.20-1.39			2	16	23	30	38	17	15	13	3	2					159	13.18	41.9569	7.38	1.95
1.40-1.59				8	18	24	32	37	11	8	3	3					144	11.94	53.8972	7.60	1.76
1.60-1.79					12	6	23	35	17	12	9	6	4	1	1		126	10.45	64.3449	7.87	2.24
1.80-1.99				7	6	27	24	10	9	8	1	5	1				98	8.13	72.4709	7.77	2.04
2.00-2.19					5		14	35	19	24	6	8	3	2	2		118	9.78	82.2553	8.57	2.06
2.20-2.39					1	1	8	26	11	9	7	4	4	3	3		77	6.38	88.6401	8.96	2.24
2.40-2.59							3	12	12	10	4	1		1	1		44	3.65	92.2885	8.85	1.64
2.60-2.79								4	8	10	3			3			30	2.49	94.7760	9.72	2.02
2.80-2.99								4	6	3		1	1	1			16	1.33	96.1027	9.12	1.84
3.00-3.19								1	6	3			1	1			12	1.00	97.0977	9.32	1.57
3.20-3.39								2	9	2	1	1				1	16	1.33	98.4244	9.31	2.22
3.40-3.59								1	1	1		1					4	0.33	98.7561	9.23	1.51
3.60-3.79									1			1	2		1		5	0.41	99.1707	11.82	2.39
3.80-3.99																	0	0.00	99.1707	0.00	0.00
4.00-4.19										1							1	0.08	99.2536	9.94	0.00
4.20-4.39														3			3	0.25	99.5023	12.75	0.09
4.40-4.59																	0	0.00	99.5023	0.00	0.00
4.60-4.79											1						1	0.08	99.5853	10.78	0.00
4.80-4.99																	0	0.00	99.5853	0.00	0.00
5.00-5.19									1							1	2	0.17	99.7511	11.66	3.90
5.20-5.39																1	1	0.08	99.8340	13.13	0.00
5.40-5.59																	0	0.00	99.8340	0.00	0.00
5.60-5.79														2			2	0.17	99.9998	13.56	0.13
5.80-5.99																	0	0.00	99.9998	0.00	0.00
>=6.00																	0	0.00	99.9998	0.00	0.00

SUM	0	0	0	10	90	97	212	285	190	136	88	39	33	13	13	1206
MEAN	0.00	0.00	0.00	0.83	7.46	8.04	17.58	23.63	15.75	11.28	7.30	3.23	2.74	1.08	1.08	
CUM.PROB.	0.00	0.00	0.00	0.83	8.29	16.33	33.91	57.55	73.30	84.58	91.87	95.11	97.84	98.92	100.00	
MEAN	0.00	0.00	0.00	0.85	1.30	1.25	1.39	1.64	1.85	1.86	1.57	1.88	2.27	2.90	2.61	
STDEV.	0.00	0.00	0.00	0.25	0.41	0.35	0.48	0.57	0.77	0.67	0.69	0.72	0.92	1.57	1.00	

MEAN HMO : 1.64 MEAN TP : 7.90

ST.DEV. HMO : 0.69 ST.DEV. TP : 2.16

THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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 0313 OSLO 3, NORWAY.

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JULY 1980 - 1985

HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	SUM	PROB.	PROB.				
0.00-0.19																		0	0.00	0.0000	0.00	0.00
0.20-0.39																		0	0.00	0.0000	0.00	0.00
0.40-0.59				3	1	5	1	1	2			2	2	1			18	1.66	1.6620	7.26	3.11	
0.60-0.79				3		16	17	9	24	11	1	2					83	7.66	9.3259	7.49	1.66	
0.80-0.99				3	8	12	20	20	31	23	10	1					128	11.82	21.1450	7.77	1.80	
1.00-1.19				1	13	20	33	33	24	15	12	5					156	14.40	35.5494	7.42	1.86	
1.20-1.39					12	28	30	23	29	11	8	1	2				144	13.30	48.8458	7.28	1.76	
1.40-1.59					6	9	29	42	31	12	2	2					133	12.28	61.1265	7.51	1.44	
1.60-1.79					5	8	8	20	25	9	14	1	1				91	8.40	69.5290	8.10	1.75	
1.80-1.99					4	4	13	20	27	15	3	1	2				89	8.22	77.7469	8.02	1.61	
2.00-2.19					5	3	10	13	13	12	8		1		2		67	6.19	83.9335	8.21	2.22	
2.20-2.39					4	2	8	17	8	8	4	3	2	2	1		59	5.45	89.3813	8.38	2.28	
2.40-2.59					1		7	5	12	6	2			1	3		37	3.42	92.7977	8.89	2.47	
2.60-2.79					1		2	11	4	3	3	1	1				26	2.40	95.1984	8.38	1.79	
2.80-2.99								4	1	1		3	1		4		14	1.29	96.4911	10.86	2.90	
3.00-3.19							1	1	2	3	1	2			1		11	1.02	97.5068	9.69	2.35	
3.20-3.39								1	3	4							8	0.74	98.2455	8.63	0.68	
3.40-3.59									2	1	1	1			1		6	0.55	98.7995	10.40	2.19	
3.60-3.79									1	2	3			1			7	0.65	99.4458	10.22	1.25	
3.80-3.99														1			1	0.09	99.5382	12.80	0.00	
4.00-4.19									1	1	2						4	0.37	99.9075	9.80	0.77	
4.20-4.39											1						1	0.09	99.9998	9.23	0.00	
4.40-4.59																	0	0.00	99.9998	0.00	0.00	
4.60-4.79																	0	0.00	99.9998	0.00	0.00	
4.80-4.99																	0	0.00	99.9998	0.00	0.00	
5.00-5.19																	0	0.00	99.9998	0.00	0.00	
5.20-5.39																	0	0.00	99.9998	0.00	0.00	
5.40-5.59																	0	0.00	99.9998	0.00	0.00	
5.60-5.79																	0	0.00	99.9998	0.00	0.00	
5.80-5.99																	0	0.00	99.9998	0.00	0.00	
>=6.00																	0	0.00	99.9998	0.00	0.00	

SUM	0	0	0	10	60	107	179	220	240	138	76	25	13	3	12	1083
MARG. PROB.	0.00	0.00	0.00	0.92	5.54	9.88	16.53	20.31	22.16	12.74	7.02	2.31	1.20	0.28	1.11	
CUM. PROB.	0.00	0.00	0.00	0.92	6.46	16.34	32.87	53.19	75.35	88.09	95.11	97.41	98.61	98.89	100.00	
MEAN	0.00	0.00	0.00	0.75	1.45	1.20	1.41	1.60	1.54	1.68	1.73	1.78	2.19	2.37	2.67	
STDEV.	0.00	0.00	0.00	0.19	0.48	0.40	0.51	0.58	0.65	0.80	0.83	0.91	0.92	0.19	0.45	

MEAN HMO : 1.54 MEAN TP : 7.86

ST.DEV. HMO : 0.66 ST.DEV. TP : 1.97

THE NORWEGIAN METEOROLOGICAL INSTITUTE,

THE ENVIRONMENTAL DATA CENTER, P.O. BOX 43 BLINDERN,

0313 OSLO 3, NORWAY.

HALTEN

AUGUST 1980 - 1985

TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.				
HMO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM	PROB.	PROB.	MEAN	STDEV.
0.00-0.19															0	0.00	0.0000	0.00	0.00	
0.20-0.39											1				1	0.13	0.1269	10.24	0.00	
0.40-0.59						3	7	7	8		4	2			31	3.93	4.0609	8.02	1.70	
0.60-0.79				6	5	9	3	20	7	7	3	1	1		62	7.87	11.9289	7.16	2.12	
0.80-0.99				4	8	16	11	13	11	13			2	1	79	10.03	21.9543	7.13	2.07	
1.00-1.19				1	11	11	8	10	10	10	5	5	1	1	1	74	9.39	31.3452	7.71	2.52
1.20-1.39					5	12	12	19	10	9	6	3	4		1	81	10.28	41.6243	7.90	2.21
1.40-1.59		1			6	13	10	7	14	13	5	9	5	2	2	87	11.04	52.6649	8.41	2.67
1.60-1.79					5	5	8	10	13	13	2		5	2		63	7.99	60.6599	8.27	2.35
1.80-1.99					2	3	11	9	14	13	5	1	1	1	1	61	7.74	68.4010	8.38	1.97
2.00-2.19					3	2	6	11	10	9	4			1	2	48	6.09	74.4923	8.37	2.28
2.20-2.39					1	1	7	11	15	10	4	2				51	6.47	80.9644	8.31	1.56
2.40-2.59					3		4	11	13	5	8	1	1	3	2	51	6.47	87.4365	8.90	2.32
2.60-2.79					1			7	8	4	2		1			23	2.92	90.3553	8.59	1.56
2.80-2.99					2		1	3	1	6	1	1		1		16	2.03	92.3857	8.51	2.42
3.00-3.19					1			2	2	5	2					12	1.52	93.9086	8.47	1.70
3.20-3.39									1	3	4	2	2			12	1.52	95.4314	10.54	1.23
3.40-3.59								1	2	1	2	3	1	1		11	1.40	96.8273	10.46	1.68
3.60-3.79								1	1	1			1			4	0.51	97.3349	9.70	1.75
3.80-3.99									1	1	1	2		1		6	0.76	98.0964	10.91	1.82
4.00-4.19										1		1				2	0.25	98.3502	10.43	1.70
4.20-4.39										1		2				3	0.38	98.7309	10.55	1.01
4.40-4.59										2	1		1			4	0.51	99.2385	10.35	1.42
4.60-4.79										2	1					3	0.38	99.6192	9.86	0.48
4.80-4.99											1					1	0.13	99.7461	10.78	0.00
5.00-5.19											1					1	0.13	99.8730	10.78	0.00
5.20-5.39																0	0.00	99.8730	0.00	0.00
5.40-5.59																0	0.00	99.8730	0.00	0.00
5.60-5.79											1					1	0.13	99.9999	10.78	0.00
5.80-5.99																0	0.00	99.9999	0.00	0.00
>=6.00																0	0.00	99.9999	0.00	0.00

SUM	0	0	1	11	53	75	88	142	141	129	64	35	26	14	9	788				
MAR.PROB.	0.00	0.00	0.13	1.40	6.73	9.52	11.17	18.02	17.89	16.37	8.12	4.44	3.30	1.78	1.14					
CUM.PROB.	0.00	0.00	0.13	1.52	8.25	17.77	28.93	46.95	64.85	81.22	89.34	93.78	97.08	98.86	100.00					
MEAN	0.00	0.00	1.51	0.81	1.47	1.20	1.47	1.58	1.77	1.94	2.16	2.12	1.92	2.16	1.78					
STDEV.	0.00	0.00	0.00	0.12	0.64	0.40	0.58	0.75	0.73	0.93	1.20	1.17	0.97	0.87	0.51					

MEAN HMO : 1.70 MEAN TP : 8.19
 ST.DEV. HMO : 0.85 ST.DEV. TP : 2.29
 THE NORWEGIAN METEOROLOGICAL INSTITUTE,
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SEPTEMBER 1980 - 1985

TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.				
HMO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM PROB.	PROB.	MEAN	STDEV.	
0.00-0.19																0	0.00	0.0000	0.00	0.00
0.20-0.39																0	0.00	0.0000	0.00	0.00
0.40-0.59																0	0.00	0.0000	0.00	0.00
0.60-0.79										1	3	3				7	0.96	0.9576	10.73	0.56
0.80-0.99									2	2	2	1				7	0.96	1.9152	9.74	1.00
1.00-1.19					2	1	1	5	5	6	2	2	1			25	3.42	5.3352	8.45	2.03
1.20-1.39						2	1	8	14	9	8	2	1			45	6.16	11.4911	8.91	1.52
1.40-1.59					1	8	8	10	17	12	10	3	2			71	9.71	21.2038	8.46	1.86
1.60-1.79					4	7	8	10	10	10	14	7	4		3	77	10.53	31.7373	8.90	2.51
1.80-1.99					6	5	4	15	17	9	17	3	1	2	1	80	10.94	42.6812	8.64	2.25
2.00-2.19					1	2	3	15	23	13	10	7	5	5	2	86	11.76	54.4459	9.41	2.07
2.20-2.39					1	4	11	10	17	9	11	8	6			77	10.53	64.9794	8.91	2.08
2.40-2.59						1	8	10	17	9	3	4	6	4	1	63	8.62	73.5978	9.23	2.17
2.60-2.79							5	10	8	7	4	6	4	2		46	6.29	79.8905	9.45	2.04
2.80-2.99							4	2	14	3	1	1	3			28	3.83	83.7209	8.92	1.69
3.00-3.19							1	6	6	4	7		2	2	1	29	3.97	87.6880	9.73	2.14
3.20-3.39								5	1	5	2	3	1		2	19	2.60	90.2872	10.00	2.25
3.40-3.59								1	3	3	3	2	2	1		15	2.05	92.3392	10.20	1.67
3.60-3.79								1	1	4		1	1	1	1	10	1.37	93.7072	10.65	2.29
3.80-3.99								1		2	2	2	1	1	1	10	1.37	95.0751	10.98	2.25
4.00-4.19									2	3	1					6	0.82	95.8959	9.35	0.59
4.20-4.39										3	3			1		7	0.96	96.8535	10.50	1.57
4.40-4.59										6	3					9	1.23	98.0847	9.97	0.55
4.60-4.79											1			1		2	0.27	98.3583	12.01	2.06
4.80-4.99											1					1	0.14	98.4951	10.24	0.00
5.00-5.19														1		1	0.14	98.6319	12.49	0.00
5.20-5.39											1					1	0.14	98.7687	10.56	0.00
5.40-5.59											1					1	0.14	98.9055	10.78	0.00
5.60-5.79															1	1	0.14	99.0423	14.84	0.00
5.80-5.99											1				1	2	0.27	99.3158	12.60	2.57
>=6.00											1	1		3		5	0.68	99.9998	12.35	1.51

SUM	0	0	0	0	15	30	54	109	157	120	112	56	41	23	14	731				
MAR.PROB.	0.00	0.00	0.00	0.00	2.05	4.10	7.39	14.91	21.48	16.42	15.32	7.66	5.61	3.15	1.92					
CUM.PROB.	0.00	0.00	0.00	0.00	2.05	6.16	13.54	28.45	49.93	66.35	81.67	89.33	94.94	98.08	100.00					
MEAN	0.00	0.00	0.00	0.00	1.77	1.74	2.14	2.16	2.14	2.37	2.36	2.27	2.48	3.40	3.06					
STDEV.	0.00	0.00	0.00	0.00	0.32	0.34	0.50	0.63	0.64	0.99	1.14	1.00	0.77	1.85	1.40					

MEAN HMO : 2.28 MEAN TP : 9.20

ST.DEV. HMO : 0.92 ST.DEV. TP : 2.14

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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	MARG.	CUM.	MEAN	STDEV.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	SUM			PROB.	PROB.
0.00-0.19																0	0.00	0.0000	0.00	0.00	
0.20-0.39																0	0.00	0.0000	0.00	0.00	
0.40-0.59																0	0.00	0.0000	0.00	0.00	
0.60-0.79													3	2		5	0.63	0.6337	12.01	0.33	
0.80-0.99									2				1	1	5	2	11	1.39	2.0279	12.92	2.78
1.00-1.19											2	1			2	2	7	0.89	2.9151	12.65	2.84
1.20-1.39					1				4	3	2	2	1	3	2	18	2.28	5.1964	10.78	2.95	
1.40-1.59						3			2	5	16	6	1		2	35	4.44	9.6324	9.51	2.21	
1.60-1.79				1	7	2	2	8	14	2	1	1	2	2	42	5.32	14.9556	8.95	2.64		
1.80-1.99						1	3	15	7	9	4	2	1	4	46	5.83	20.7858	10.01	2.03		
2.00-2.19					2	3	5	14	10	8	9	3	1	5	60	7.60	28.3904	9.89	2.30		
2.20-2.39					1	7	7	1	9	7	2	3	1	3	41	5.20	33.5868	9.48	2.51		
2.40-2.59							8	2	2	7	10	5	2	4	1	41	5.20	38.7832	9.90	2.29	
2.60-2.79							7	5	6	6	7	7	4	4	1	47	5.96	44.7401	9.81	2.28	
2.80-2.99							2	5	5	2	12	7	2	1	2	38	4.82	49.5563	10.28	2.56	
3.00-3.19							4	6	6	12	6	9	1		2	46	5.83	55.3865	9.76	2.24	
3.20-3.39								4	4	4	5	8	2		4	31	3.93	59.3155	10.71	2.34	
3.40-3.59								4	9	4	7	5	5	2		36	4.56	63.8782	10.04	1.75	
3.60-3.79								5	5	1	5	6	4	1		27	3.42	67.3003	10.10	1.80	
3.80-3.99						1	4	4	4	6	5	8	4		1	33	4.18	71.4828	10.17	1.88	
4.00-4.19									4	4	7	8	3	2	2	30	3.80	75.2850	11.12	1.71	
4.20-4.39								1	3	5	5	4	3	1	2	24	3.04	78.3269	10.81	2.03	
4.40-4.59								1		6	2	6	5	1	1	22	2.79	81.1152	11.18	1.59	
4.60-4.79									2		1	2	1		3	9	1.14	82.2559	12.56	3.85	
4.80-4.99											4	4	1	1	2	12	1.52	83.7768	12.37	2.46	
5.00-5.19										1	4	1	4			10	1.27	85.0442	11.20	1.16	
5.20-5.39										2	6	4	1	4	4	21	2.66	87.7058	12.61	2.90	
5.40-5.59											2	1	3			6	0.76	88.4662	11.64	0.90	
5.60-5.79										1		2	1	2	2	8	1.01	89.4802	13.28	3.01	
5.80-5.99												4	2		2	8	1.01	90.4941	12.84	2.10	
>=6.00									1		1	8	19	19	27	75	9.51	99.9998	13.51	1.67	
SUM		0	0	0	0	2	13	35	56	100	122	124	122	80	57	78	789				
MARG. PROB.		0.00	0.00	0.00	0.00	0.25	1.65	4.44	7.10	12.67	15.46	15.72	15.46	10.14	7.22	9.89					
CUM. PROB.		0.00	0.00	0.00	0.00	0.25	1.90	6.34	13.43	26.11	41.57	57.29	72.75	82.89	90.11	100.00					
MEAN		0.00	0.00	0.00	0.00	1.52	1.77	2.53	2.85	2.67	2.67	3.20	3.61	4.59	4.47	4.63					
STDEV.		0.00	0.00	0.00	0.00	0.28	0.27	0.42	0.75	0.99	1.08	1.21	1.38	2.20	2.68	2.41					

MEAN HMO : 3.40 MEAN TP : 10.66

ST.DEV. HMO : 1.76 ST.DEV. TP : 2.56

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HMO	TP	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>=14	MARG.	CUM.	MEAN	STDEV.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14		SUM	PROB.				
																		10	0.10	0.1023	0.00	0.00
0.00-0.19	10											1						1	0.01	0.1125	10.24	0.00
0.20-0.39												6	4	1				69	0.71	0.8185	7.50	2.07
0.40-0.59				3	1	13	15	11	15			6	11	3	1			277	2.83	3.6525	7.48	2.06
0.60-0.79				17	15	34	55	47	47	31	16	11	14	6	8	7		485	4.96	8.6147	7.83	2.32
0.80-0.99				11	34	57	84	99	66	58	41	14	33	12	6	11		612	6.26	14.8762	7.94	2.36
1.00-1.19				2	55	70	91	127	87	69	49	33	12	6	10	10		744	7.61	22.4882	7.98	2.33
1.20-1.39				2	60	98	97	154	120	78	55	37	23	10	10	7		761	7.79	30.2742	8.23	2.20
1.40-1.59		1			40	79	96	140	159	108	51	42	28	10	7	16		694	7.10	37.3746	8.50	2.41
1.60-1.79					34	64	89	124	120	102	65	35	26	19	16	18		634	6.49	43.8612	8.48	2.29
1.80-1.99					26	48	96	105	129	91	75	18	19	9	18	31		656	6.71	50.5729	8.99	2.38
2.00-2.19					20	31	68	111	127	108	79	41	30	21	28	21		611	6.25	56.8242	9.22	2.43
2.20-2.39					11	19	71	103	115	93	79	41	30	21	28	26		538	5.50	62.3286	9.35	2.41
2.40-2.59					10	5	71	83	102	87	62	33	33	26	26	22		419	4.29	66.6154	9.67	2.41
2.60-2.79					5	4	36	72	70	69	48	40	30	23	22	26		382	3.91	70.5238	10.02	2.53
2.80-2.99					4		30	48	78	49	45	43	42	17	26	21		359	3.67	74.1968	10.03	2.54
3.00-3.19					7		18	55	50	63	49	43	30	23	21	33		309	3.16	77.3582	10.44	2.45
3.20-3.39					3		4	38	52	48	48	47	22	14	33	24		272	2.78	80.1411	10.72	2.43
3.40-3.59					1		6	24	44	38	43	39	33	20	24	18		228	2.33	82.4738	10.81	2.30
3.60-3.79					1		2	22	33	29	36	32	35	20	18	20		192	1.96	84.4382	10.85	2.32
3.80-3.99					1		1	10	30	34	30	36	23	7	20	19		214	2.19	86.6277	11.22	2.29
4.00-4.19			1				1	7	26	30	38	45	23	15	28	12		156	1.60	88.2237	11.14	2.10
4.20-4.39							1	5	19	29	23	21	29	17	12	25		166	1.70	89.9221	11.60	2.25
4.40-4.59							1	3	10	33	23	34	21	16	25	115		115	1.18	91.0987	12.00	2.61
4.60-4.79								2	9	15	20	23	11	12	23	116		116	1.19	92.2855	11.86	2.23
4.80-4.99									3	20	25	24	12	15	17	99		99	1.01	93.2984	11.50	2.27
5.00-5.19									8	18	24	16	17	4	12	92		92	0.94	94.2397	12.32	2.44
5.20-5.39								1	2	6	20	21	16	8	18	71		71	0.73	94.9661	12.83	2.41
5.40-5.59									1	3	13	13	17	8	16	69		69	0.71	95.6720	12.74	2.03
5.60-5.79									5	9	14	13	11	17	69	41		41	0.42	96.0915	12.51	1.83
5.80-5.99									1	7	11	9	4	9	41	382		382	3.91	99.9998	13.23	1.79
>=6.00									1	5	21	65	97	79	114	382		382	3.91	99.9998	13.23	1.79

SUM	10	0	1	36	328	522	933	1391	1524	1319	1100	879	685	437	609	9774				
MARG. PROB.	0.10	0.00	0.01	0.37	3.36	5.34	9.55	14.23	15.59	13.49	11.25	8.99	7.01	4.47	6.23					
CUM. PROB.	0.10	0.10	0.11	0.48	3.84	9.18	18.72	32.95	48.55	62.04	73.30	82.29	89.30	93.77	100.00					
MEAN	0.00	0.00	1.51	0.90	1.54	1.41	1.72	1.92	2.18	2.45	2.80	3.36	3.79	3.98	4.28					
STDEV.	0.00	0.00	0.00	0.58	0.60	0.46	0.69	0.82	0.96	1.15	1.37	1.63	1.87	1.98	2.21					

MEAN HMO : 2.56 MEAN TP : 9.39
 ST.DEV. HMO : 1.54 ST.DEV. TP : 2.81

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