

เอกสารอ้างอิง

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2524
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Normal curve areas

z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
0.0	.0000	.0040	.0080	.0120	.0160	.0199	.0239	.0279	.0319	.0359
0.1	.0398	.0438	.0478	.0517	.0557	.0596	.0636	.0675	.0714	.0753
0.2	.0793	.0832	.0871	.0910	.0948	.0987	.1026	.1064	.1103	.1141
0.3	.1179	.1217	.1255	.1293	.1331	.1368	.1406	.1443	.1480	.1517
0.4	.1554	.1591	.1628	.1664	.1700	.1736	.1772	.1808	.1844	.1879
0.5	.1915	.1950	.1985	.2019	.2054	.2088	.2123	.2157	.2190	.2224
0.6	.2257	.2291	.2324	.2357	.2389	.2422	.2454	.2486	.2517	.2549
0.7	.2580	.2611	.2642	.2673	.2704	.2734	.2764	.2794	.2823	.2852
0.8	.2881	.2910	.2939	.2967	.2995	.3023	.3051	.3078	.3106	.3133
0.9	.3159	.3186	.3212	.3238	.3264	.3289	.3315	.3340	.3365	.3389
1.0	.3413	.3438	.3461	.3485	.3508	.3531	.3554	.3577	.3599	.3621
1.1	.3643	.3665	.3686	.3708	.3729	.3749	.3770	.3790	.3810	.3830
1.2	.3849	.3869	.3888	.3907	.3925	.3944	.3962	.3980	.3997	.4015
1.3	.4032	.4049	.4066	.4082	.4099	.4115	.4131	.4147	.4162	.4177
1.4	.4192	.4207	.4222	.4236	.4251	.4265	.4279	.4292	.4306	.4319
1.5	.4332	.4345	.4357	.4370	.4382	.4394	.4406	.4418	.4429	.4441
1.6	.4452	.4463	.4474	.4484	.4495	.4505	.4515	.4525	.4535	.4545
1.7	.4554	.4564	.4573	.4582	.4591	.4599	.4608	.4616	.4625	.4633
1.8	.4641	.4649	.4656	.4664	.4671	.4678	.4686	.4693	.4699	.4706
1.9	.4713	.4719	.4726	.4732	.4738	.4744	.4750	.4756	.4761	.4767
2.0	.4772	.4778	.4783	.4788	.4793	.4798	.4803	.4808	.4812	.4817
2.1	.4821	.4826	.4830	.4834	.4838	.4842	.4846	.4850	.4854	.4857
2.2	.4861	.4864	.4868	.4871	.4875	.4878	.4881	.4884	.4887	.4890
2.3	.4893	.4896	.4898	.4901	.4904	.4906	.4909	.4911	.4913	.4916
2.4	.4918	.4920	.4922	.4925	.4927	.4929	.4931	.4932	.4934	.4936
2.5	.4938	.4940	.4941	.4943	.4945	.4946	.4948	.4949	.4951	.4952
2.6	.4953	.4955	.4956	.4957	.4959	.4960	.4961	.4962	.4963	.4964
2.7	.4965	.4966	.4967	.4968	.4969	.4970	.4971	.4972	.4973	.4974
2.8	.4974	.4975	.4976	.4977	.4977	.4978	.4979	.4979	.4980	.4981
2.9	.4981	.4982	.4982	.4983	.4984	.4984	.4985	.4985	.4986	.4986
3.0	.4987	.4987	.4987	.4988	.4988	.4989	.4989	.4989	.4990	.4990

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Critical Values of Chi Square

df	Level of significance for one-tailed test					
	.10	.05	.025	.01	.005	.0005
	Level of significance for two-tailed test					
	.20	.10	.05	.02	.01	.001
1	1.64	2.71	3.84	5.41	6.64	10.83
2	3.22	4.60	5.99	7.82	9.21	13.82
3	4.64	6.25	7.82	9.84	11.34	16.27
4	5.99	7.78	9.49	11.67	13.28	18.46
5	7.29	9.24	11.07	13.39	15.09	20.52
6	8.56	10.64	12.59	15.03	16.81	22.46
7	9.80	12.02	14.07	16.62	18.48	24.32
8	11.03	13.36	15.51	18.17	20.09	26.12
9	12.24	14.68	16.92	19.68	21.67	27.88
10	13.44	15.99	18.31	21.16	23.21	29.59
11	14.63	17.28	19.68	22.62	24.72	31.26
12	15.81	18.55	21.03	24.05	26.22	32.91
13	16.98	19.81	22.36	25.47	27.69	34.53
14	18.15	21.06	23.68	26.87	29.14	36.12
15	19.31	22.31	25.00	28.26	30.58	37.70
16	20.46	23.54	26.30	29.63	32.00	39.29
17	21.62	24.77	27.59	31.00	33.41	40.75
18	22.76	25.99	28.87	32.35	34.80	42.31
19	23.90	27.20	30.14	33.69	36.19	43.82
20	25.04	28.41	31.41	35.02	37.57	45.32
21	26.17	29.62	32.67	36.34	38.93	46.80
22	27.30	30.81	33.92	37.66	40.29	48.27
23	28.43	32.01	35.17	38.97	41.64	49.73
24	29.55	33.20	36.42	40.27	42.98	51.18
25	30.68	34.38	37.65	41.57	44.31	52.62
26	31.80	35.56	38.88	42.86	45.64	54.05
27	32.91	36.74	40.11	44.14	46.96	55.48
28	34.03	37.92	41.34	45.42	48.28	56.89
29	35.14	39.09	42.69	46.69	49.59	58.30
30	36.25	40.26	43.77	47.96	50.89	59.70
32	38.47	42.59	46.19	50.49	53.49	62.49
34	40.68	44.90	48.60	53.00	56.06	65.25
36	42.88	47.21	51.00	55.49	58.62	67.99
38	45.08	49.51	53.38	57.97	61.16	70.70
40	47.27	51.81	55.76	60.44	63.69	73.40
44	51.64	56.37	60.48	65.34	68.71	78.75
48	55.99	60.91	65.17	70.20	73.68	84.04
52	60.33	65.42	69.83	75.02	78.62	89.27
56	64.66	69.92	74.47	79.82	83.51	94.46
60	68.97	74.40	79.08	84.58	88.38	99.61

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STATEMENT NUMBER

COMMENTS

BLOCK NUMBER OPERATION AND/OR DEFINITION

LINE	OPERATION AND/OR DEFINITION	STATEMENT NUMBER
1	GENERATE VSIATTTTT	21
2	SAVEVALUE KEEP+INIT	22
3	PRIORITY 1	23
4	ASSIGN I-VSIATMI	24
5	SAVEVALUE KEEP+VSIATMI	25
6	SELECT ZI-VSIATMI+VSIATMI	26
7	QUEUE P2	27
8	QUEUE P1	28
9	SEIZE P2	29
10	DEPART P2	30
11	DEPART P1	31
12	ADVANCE P1	32
13	RELEASE P1	33
14	TERMINATE	34
15	QUEUE SELECT MIN 2,1,1,0,1,0	35
16	TRANSFER +LINE	36
	MODEL SEGMENT 2	
17	GENERATE 36000	37
18	TERMINATE 1	38
	CONTROL CARD	
	START 1	39
	CLEAR	40
	START 1	41
	CLEAR	42
	START 1	43
	CLEAR	44
	START 1	45
	CLEAR	46
	START 1	47
	CLEAR	48
	START 1	49
	CLEAR	50
	START 1	51
	CLEAR	52
	START 1	53
	CLEAR	54
	START 1	55
	CLEAR	56

1	START	1	CLEAR FOR DAY 4	51
1	CLEAR	1	START THE RUN FOR DAY 4	52
1	START	1	CLEAR FOR DAY 5	53
1	CLEAR	1	START THE RUN FOR DAY 5	54
1	START	1	CLEAR FOR DAY 6	55
1	CLEAR	1	START THE RUN FOR DAY 6	56
1	START	1	CLEAR FOR DAY 7	57
1	CLEAR	1	START THE RUN FOR DAY 7	58
1	START	1		59
1	END	1		60

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-			CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			ICIAL TIME	AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	49	717.531	.976			100.0		28	
2	49	714.164	.972			100.0		21	
3	49	709.531	.965			100.0		17	
4	49	704.204	.958			100.0		20	
5	48	704.583	.959			100.0		23	
6	48	720.891	.921			100.0		31	
7	46	715.000	.913			100.0		10	
8	45	708.644	.865			100.0		13	
9	44	705.659	.862			100.0		8	
10	42	706.454	.863			100.0		15	
11	42	706.357	.824			100.0		24	
12	41	703.268	.800			100.0		3	
13	40	696.450	.773			100.0		7	
14	37	712.135	.751			100.0			
15	36	722.111	.722			100.0			
16	34	720.559	.680			100.0			
17	33	720.485	.660			100.0			
18	31	712.600	.613			100.0		18	

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	SAVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.419	50	17	33.9	301.859	457.353		1
2	1	.354	30	22	43.9	255.479	456.214		1
3	1	.274	50	26	51.9	201.179	419.125		1
4	1	.290	30	26	55.9	173.479	394.272		1
5	1	.202	46	30	62.5	152.083	405.555		
6	1	.187	48	32	67.5	147.045	403.142		
7	1	.153	46	36	78.2	104.586	481.099		
8	1	.114	45	35	84.4	91.222	566.428		
9	1	.051	44	41	93.1	52.161	618.666		
10	1	.012	44	43	97.7	10.386	457.000		
11	1	.016	42	41	97.6	13.976	587.000		
12	1	.000	41	41	100.0	.000	.000		
13	1	.000	40	40	100.0	.000	.000		
14	1	.000	37	37	100.0	.000	.000		
15	1	.000	36	36	100.0	.000	.000		
16	1	.000	34	34	100.0	.000	.000		
17	1	.000	33	33	100.0	.000	.000		
18	1	.000	31	31	100.0	.000	.000		
19	11	2.013	767	606	79.0	94.496	450.179		4

SAVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	49	722.143	.982			100.0	24	
2	50	709.260	.978			100.0	30	
3	48	716.666	.955			100.0	12	
4	46	709.625	.940			100.0	20	
5	47	721.363	.941			100.0		
6	47	715.106	.933			100.0	16	
7	47	713.723	.931			100.0	6	
8	47	702.191	.916			100.0	13	
9	45	707.111	.883			100.0	16	
10	44	707.750	.865			100.0	27	
11	44	700.818	.850			100.0	22	
12	42	707.614	.845			100.0	33	
13	38	703.026	.792			100.0	5	
14	37	706.162	.725			100.0	31	
15	36	712.305	.712			100.0	14	
16	34	705.765	.669			100.0	23	
17	33	699.000	.640			100.0	7	
18	32	704.156	.625			100.0	3	

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.591	50	21	41.9	282.000	486.206		
2	1	.194	49	27	55.1	216.165	481.424		
3	1	.270	58	29	60.4	205.062	513.000		
4	1	.118	46	32	69.6	165.895	491.007		
5	1	.167	46	34	70.8	125.705	451.000		
6	1	.160	47	36	76.5	122.872	525.000		
7	1	.167	46	39	84.7	84.391	554.511		
8	1	.064	45	40	88.8	51.377	462.399		
9	1	.055	45	41	91.1	28.266	518.000		
10	1	.040	44	41	93.1	33.159	488.553		
11	1	.019	43	41	95.3	16.372	552.000		
12	1	.000	41	41	100.0	.000	.000		
13	1	.000	39	39	100.0	.000	.000		
14	1	.000	36	36	100.0	.000	.000		
15	1	.000	36	36	100.0	.000	.000		
16	1	.000	32	32	100.0	.000	.000		
17	1	.000	30	30	100.0	.000	.000		
18	1	.000	27	27	100.0	.000	.000		
19	12	1.770	754	622	82.4	84.541	482.908		

AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

* FULLWORD SAVEVALUES *

NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 365691	KLPT 541691				

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE TOTAL TIME	UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
				AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	50	702.080	.976				100.0	6	
2	49	713.979	.971				100.0	28	
3	46	707.083	.942				100.0	1	
4	48	708.041	.944				100.0	31	
5	47	710.319	.927				100.0		
6	46	716.043	.914				100.0	15	
7	46	706.326	.902				100.0	32	
8	45	716.089	.893				100.0	25	
9	44	711.864	.870				100.0	10	
10	44	716.454	.875				100.0	29	
11	43	714.256	.853				100.0	30	
12	41	706.049	.804				100.0	19	
13	40	713.900	.793				100.0	20	
14	39	710.026	.769				100.0	12	
15	35	712.343	.692				100.0	21	
16	34	723.823	.683				100.0		
17	32	704.656	.626				100.0		
18	28	716.714	.557				100.0		

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 * QUEUES *
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QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.528	50	13	25.9	380.539	514.243		1
2	1	.398	50	20	39.9	237.119	478.533		
3	1	.285	48	26	54.1	212.750	464.181		
4	1	.189	48	34	70.8	142.083	487.142		
5	1	.155	47	35	74.4	119.212	466.916		
6	1	.133	47	37	78.7	101.978	479.299		
7	1	.131	47	38	80.8	100.617	525.444		
8	1	.103	47	39	82.9	79.510	467.125		
9	1	.075	45	39	86.6	60.777	455.833		
10	1	.076	44	38	86.3	62.250	456.500		
11	1	.052	44	34	77.3	42.840	577.000		
12	1	.040	43	39	90.6	34.139	567.000		
13	1	.026	36	36	100.0	24.642	472.000		
14	1	.000	37	37	100.0	.000	.000		
15	1	.000	36	36	100.0	.000	.000		
16	1	.000	34	34	100.0	.000	.000		
17	1	.000	33	33	100.0	.000	.000		
18	1	.000	32	32	100.0	.000	.000		
19	13	2.195	770	665	78.5	102.659	479.078		1

AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

* FULLWORD SAVEVALUES *

NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 56915	KEPT 552179				

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME			UNAVAIL. TIME	SEIZING
1	50	712.640	.989			100.0	10	
2	49	721.164	.981			100.0	35	
3	50	698.800	.970			100.0	20	
4	48	715.000	.953			100.0	3	
5	47	719.127	.936			100.0	4	
6	46	705.146	.940			100.0	32	
7	46	712.686	.910			100.0	22	
8	45	719.422	.899			100.0	6	
9	45	716.133	.895			100.0	7	
10	44	713.591	.872			100.0	14	
11	44	713.227	.871			100.0	9	
12	41	710.390	.809			100.0	16	
13	41	706.268	.804			100.0	18	
14	39	706.795	.765			100.0	1	
15	38	711.605	.751			100.0	23	
16	37	706.432	.728			100.0	11	
17	36	715.361	.715			100.0		
18	34	721.647	.681			100.0		

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	SAVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.534	50	10	19.9	334.599	460.750		
2	1	.498	50	17	33.9	359.179	544.211		1
3	1	.410	50	19	37.9	295.319	440.322		
4	1	.298	48	21	43.7	224.000	398.222		
5	1	.243	48	25	52.1	182.418	437.799		1
6	1	.191	56	34	60.7	113.479	309.071		
7	1	.108	46	35	76.0	34.739	324.363		
8	1	.114	46	36	78.2	39.620	413.199		1
9	1	.067	46	39	84.7	52.647	347.285		1
10	1	.039	44	40	90.9	32.272	355.000		
11	1	.024	44	41	93.1	20.227	296.866		
12	1	.025	41	38	92.6	22.097	302.000		
13	1	.016	41	39	95.1	14.487	297.000		
14	1	.004	39	38	97.4	4.307	168.000		
15	1	.005	38	37	97.3	5.631	214.000		
16	1	.000	37	37	100.0	.000	.000		
17	1	.000	36	36	100.0	.000	.000		
18	1	.000	34	34	100.0	.000	.000		
19	15	2.543	766	579	75.6	116.492	442.353		

SAVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

*
* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEF 36747	KEPI 564289				

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	50	706.300	.980			100.0	22	
2	50	704.800	.978			100.0	9	
3	49	709.204	.985			100.0	7	
4	49	711.200	.980			100.0	1	
5	49	707.898	.985			100.0	32	
6	47	716.872	.935			100.0	25	
7	47	719.255	.933			100.0	24	
8	46	715.057	.915			100.0	28	
9	45	712.778	.890			100.0	11	
10	45	714.909	.870			100.0	15	
11	43	707.511	.845			100.0	13	
12	41	716.219	.815			100.0	16	
13	41	702.341	.799			100.0	3	
14	40	712.200	.791			100.0	5	
15	39	705.666	.764			100.0	18	
16	37	714.027	.735			100.0	20	
17	35	699.571	.680			100.0	12	
18	31	698.129	.601			100.0	5	

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 * QUEUES *
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QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	\$AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.448	50	19	37.9	322.679	520.451		
2	1	.566	49	21	42.8	269.510	471.642		
3	1	.259	48	23	54.1	224.395	489.590		
4	1	.255	46	28	58.3	191.500	459.599		
5	1	.202	47	31	65.9	154.808	454.750		
6	1	.164	48	33	71.7	128.913	456.153		
7	1	.160	46	32	69.5	125.239	411.500		
8	1	.116	45	34	75.5	92.955	360.272		
9	1	.116	44	35	79.5	95.159	405.222		
10	1	.108	44	35	79.5	88.568	433.000		
11	1	.067	43	37	86.0	56.255	403.100		
12	1	.028	41	39	95.1	25.075	514.000		
13	1	.000	40	39	97.4	.375	15.000		
14	1	.000	39	39	100.0	.000	.000		
15	1	.000	35	35	100.0	.000	.000		
16	1	.000	34	34	100.0	.000	.000		
17	1	.000	32	32	100.0	.000	.000		
18	1	.000	28	28	100.0	.000	.000		
19	13	2.333	759	577	76.0	110.670	461.532		

\$AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP	54908	KEEP	54990		

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TXN	-AVERAGE UTILIZATION DURING-			CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	50	705.020	.879			100.0		29	
2	49	712.588	.969			100.0		26	
3	48	720.375	.960			100.0			
4	48	708.937	.949			100.0		30	
5	46	726.196	.927			100.0			
6	48	709.812	.939			100.0		10	
7	46	718.217	.917			100.0			
8	46	720.478	.920			100.0		32	
9	45	709.400	.886			100.0		19	
10	44	715.922	.872			100.0		15	
11	44	711.864	.870			100.0		17	
12	41	702.171	.799			100.0		8	
13	39	715.128	.774			100.0			
14	35	713.555	.713			100.0			
15	35	719.086	.699			100.0		13	
16	35	708.171	.653			100.0		1	
17	32	724.906	.644			100.0			
18	30	718.333	.598			100.0			

 * QUEUE S *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	\$AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.523	50	14	27.9	377.019	523.638		
2	1	.350	50	21	41.9	273.959	472.344		
3	1	.338	49	21	42.8	248.795	435.392		
4	1	.284	49	20	33.0	208.910	445.000		
5	1	.441	49	32	65.3	177.540	511.175		
6	1	.156	47	36	76.5	104.425	440.181		
7	1	.155	47	36	76.5	103.829	443.636		
8	1	.094	46	38	82.6	73.605	423.250		
9	1	.050	45	39	86.6	40.460	303.500		
10	1	.061	44	39	88.6	50.386	443.399		
11	1	.014	43	42	97.6	11.953	514.000		
12	1	.017	41	40	97.5	15.505	659.000		
13	1	.000	41	41	100.0	.000	.000		
14	1	.000	40	40	100.0	.000	.000		
15	1	.000	39	39	100.0	.000	.000		
16	1	.000	37	37	100.0	.000	.000		
17	1	.000	35	35	100.0	.000	.000		
18	1	.000	31	31	100.0	.000	.000		
19	12	2.278	783	607	77.5	104.766	466.090		

\$AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

* FULLWORD SAVEVALUES *

NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 57669	KEPT 582041				

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME			UNAVAIL. TIME	SEIZING
1	50	702.840	.470			100.0	12	
2	49	713.245	.470			100.0	21	
3	49	702.367	.456			100.0	15	
4	48	715.750	.454			100.0	10	
5	47	712.170	.429			100.0		13
6	47	712.425	.430			100.0		27
7	47	703.141	.418			100.0		14
8	46	701.500	.490			100.0		11
9	44	706.477	.463			100.0		19
10	44	708.295	.465			100.0		
11	43	715.134	.454			100.0		20
12	42	708.666	.426			100.0		6
13	41	720.610	.420			100.0		3
14	39	712.536	.471			100.0		25
15	36	708.833	.408			100.0		24
16	33	715.404	.456			100.0		5
17	32	715.750	.436			100.0		28
18	29	706.241	.568					

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	SAVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.463	50	16	31.9	333.619	490.617		
2	1	.366	49	15	30.7	283.632	463.266		
3	1	.321	48	21	43.7	241.375	429.111		
4	1	.252	48	25	47.9	189.020	362.919		
5	1	.202	46	27	58.6	156.391	363.473		
6	1	.169	45	35	68.7	127.062	406.599		
7	1	.100	46	37	80.4	78.630	461.888		
8	1	.097	46	38	82.6	76.260	438.500		
9	1	.045	45	41	91.1	36.799	414.000		
10	1	.053	44	40	90.9	43.909	483.000		
11	1	.019	44	42	95.4	16.022	352.500		
12	1	.019	41	40	97.5	16.730	668.000		
13	1	.018	39	36	97.4	17.410	679.000		
14	1	.000	36	36	100.0	.000	.000		
15	1	.000	35	35	100.0	.000	.000		
16	1	.000	35	35	100.0	.000	.000		
17	1	.000	32	32	100.0	.000	.000		
18	1	.000	30	30	100.0	.000	.000		
19	14	2.150	762	583	76.5	101.585	432.446		

SAVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 35495	NEPT 54041c				

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BLOCK NUMBER	LOC	OPERATION	A, E, C, D, E, F, G, H, I	COMMENTS	STATEMENT NUMBER
*		SIMULATE			2
**					3
**					4
*		FUNCTION DEFINITION(S)			5
*					6
*		SAMP FUNCTION	RN1,C24	EXPONENTIAL DISTRIBUTION	7
					8
					9
					10
					11
		SNORM FUNCTION	RN1,C25		12
					13
					14
					15
					16
					17
*		VARIABLE DEFINITION			18
*					19
		IMM1 FVARIABLE	26*FN\$SNORM+794		20
		CUST FVARIABLE	23*FN\$SNORM+745		21
		IAT FVARIABLE	45*FN\$SAMP		22
*					23
*		SAVEVALUE INITIALIZATION			24
*					25
		INITIAL	X\$KEEP,0/X\$KEPT,0/X\$CUS,0		26
*					27
*		MODEL SEGMENT 1			28
*					29
*		IMMIGRATION CHECK-IN			30
*					31
1		GENERATE	V\$IAT,,,,,7	PASSENGER ARRIVES	32
2		SAVEVALUE	KEEP+,V\$IAT	SUM UP TIME BETWEEN ARRIVAL	33
3		PRIORITY	1	SET HIGH PRIORITY FOR LATER SERVICE COMPLETION EVENT.	34
*					35
4		ASSIGN	2,V\$IMMI	SET P1 = IMMIGRATION SERVICE TIME	36
5		SAVEVALUE	KEPT+,V\$IMMI	SUM UP SERVICE TIME	37
6		SELECTE	3,1,24,0,F,QUEUEP	SELECT FOR EMPTY LINE	38
7	LINE	QUEUE	P3	UPDATE SEGREGATED LINE DATA	39
8		QUEUE	25	UPDATE AGGREGATED LINE DATA	40
9		SEIZE	P3	CAPTURE A CHECKER	41
10		DEPART	25	UPDATE AGGREGATED LINE DATA	42
11		DEPART	P3	UPDATE AGGREGATED LINE DATA	43
12		ADVANCE	P2	PASSPORT CHECK	44
13		RELEASE	P3	FREE THE CHECKER	45
14		TRANSFER	,ONCE	GO TO ONCE	46
15	QUEUEP	SELECT MIN	3,1,24,,Q	SELECT FOR SHORTEST LINE	47
16		TRANSFER	,LINE	GO TO LINE	48
*					49
*		BAGGAGE CLAIMING			50
*					51
17	ONCE	ADVANCE	8730	DELAY AT BAGGAGE CLAIMING AREA	52
*					53
*		CUSTOM INSPECTION			54
*					55
*					56

10		PRIORITY	2	SET HIGHER PRIORITY FOR LATER	51
				SERVICE COMPLETION EVENT	52
19		ASSIGN	S,V3CUST	SET P5 = CUSTOM SERVICE TIME	59
20		SAVEVALUE	CUS*,V3CUST	SUM UP CUSTOM SERVICE TIME	60
21		SELECTE	6,20,40,0,F,QUE	SELECT FOR EMPTY LINE	61
22	ROW	QUEUE	P6	UPDATE SEGREGATED LINE DATA	62
23		QUEUE	41	UPDATE AGGREGATED LINE DATA	63
24		SEIZE	P6	CAPTURE SELECTED CHECKER	64
25		DEPART	41	UPDATE AGGREGATED LINE DATA	65
26		DEPART	P6	UPDATE SEGREGATED LINE DATA	66
27		ADVANCE	P5	CUSTOM INSPECTION	67
28		RELEASE	P6	FREE THE CHECKER	68
29		TERMINATE		LEAVE THE ARRIVAL LOUNGE	69
30	QUE	SELECT MIN	6,20,40,,Q	SELECT FOR SHORTEST LINE	70
31		TRANSFER	,ROW	GO TO ROW	71
	*				72
	*	MODEL SEGMENT	2		73
	*				74
32		GENERATE	30000	BUSY PERIOD	75
33		TERMINATE	1	SHUT THE RUN	76
	*				77
	*	CONTROL CARD			78
	*				79
		START	1	START THE RUN FOR DAY 1	80
		CLEAR		CLEAR FOR DAY 2	81
		START	1	START THE RUN FOR DAY 2	82
		CLEAR		CLEAR FOR DAY 3	83
		START	1	START THE RUN FOR DAY 3	84
		CLEAR		CLEAR FOR DAY 4	85
		START	1	START THE RUN FOR DAY 4	86
		CLEAR		CLEAR FOR DAY 5	87
		START	1	START THE RUN FOR DAY 5	88
		CLEAR		CLEAR FOR DAY 6	89
		START	1	START THE RUN FOR DAY 6	90
		CLEAR		CLEAR FOR DAY 7	91
		START	1	START THE RUN FOR DAY 7	92
		END	RETURN CONTROL TO OPERATING SYSTE		93

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 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME			UNAVAIL. TIME	SEIZING
1	44	787.452	.962			100.0		12
2	44	773.773	.945			100.0		5
3	43	788.312	.939			100.0		7
4	41	778.070	.924			100.0	235	
5	42	779.791	.931			100.0		3
6	41	790.388	.900			100.0		272
7	41	788.317	.895			100.0		227
8	41	788.978	.898			100.0		219
9	41	781.024	.889			100.0		11
10	41	782.024	.890			100.0		14
11	40	779.725	.888			100.0		6
12	38	793.518	.837			100.0		212
13	38	781.888	.781			100.0		220
14	35	778.514	.754			100.0		8
15	35	788.257	.744			100.0		13
16	34	784.147	.721			100.0		223
17	33	778.212	.711			100.0		234
18	31	791.322	.681			100.0		233
19	27	788.333	.574			100.0		10
20	20	784.550	.535			100.0		232
21	18	788.944	.393			100.0		1
22	18	749.000	.274			100.0		218
23	15	794.133	.332			100.0		
24	14	779.571	.303			100.0		
26	38	735.472	.735			100.0		19
27	36	735.305	.735			100.0		15
28	36	735.222	.735			100.0		16
29	36	733.916	.733			100.0		236
30	36	730.861	.730			100.0		17
31	36	731.750	.731			100.0		22
32	36	730.583	.730			100.0		237
33	35	743.400	.722			100.0		18
34	35	743.114	.722			100.0		21
35	35	737.971	.717			100.0		29
36	35	739.000	.718			100.0		23
37	35	735.971	.715			100.0		33
38	35	734.029	.713			100.0		20
39	35	732.914	.712			100.0		30
40	35	728.828	.706			100.0		31

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	2	.180	44	29	65.9	147.522	452.753		
2	1	.105	44	36	81.8	86.363	475.000		
3	1	.158	43	35	76.7	116.488	500.899		
4	1	.070	43	37	86.0	59.116	423.666		
5	1	.057	43	38	88.3	48.348	415.799		
6	1	.050	41	39	95.1	26.463	542.500		
7	1	.027	41	39	95.1	24.341	499.000		
8	1	.014	41	40	97.5	12.463	511.000		
9	1	.000	41	41	100.0	.000	.000		
10	1	.000	41	41	100.0	.000	.000		
11	1	.000	40	40	100.0	.000	.000		
12	1	.000	38	38	100.0	.000	.000		
13	1	.000	36	36	100.0	.000	.000		
14	1	.000	35	35	100.0	.000	.000		
15	1	.000	35	35	100.0	.000	.000		
16	1	.000	34	34	100.0	.000	.000		
17	1	.000	33	33	100.0	.000	.000		
18	1	.000	31	31	100.0	.000	.000		
19	1	.000	27	27	100.0	.000	.000		
20	1	.000	20	20	100.0	.000	.000		
21	1	.000	18	18	100.0	.000	.000		
22	1	.000	18	18	100.0	.000	.000		
23	1	.000	15	15	100.0	.000	.000		
24	1	.000	14	14	100.0	.000	.000		
25	9	.625	816	767	93.9	27.591	459.469		
26	5	2.008	40	1	2.4	1807.849	1894.205		4
27	5	1.971	40	1	2.4	1774.125	1819.615		4
28	5	1.990	40	1	2.4	1791.899	1837.845		4
29	5	1.849	40	2	4.9	1664.924	1752.552		4
30	5	1.835	40	3	7.4	1652.074	1786.026		4
31	5	1.783	40	3	7.4	1605.324	1735.486		4
32	4	1.749	40	3	7.4	1574.500	1702.162		4
33	4	1.759	39	3	7.6	1623.974	1759.305		4
34	4	1.734	39	5	12.8	1601.025	1836.470		4
35	4	1.659	39	4	10.2	1532.051	1707.142		4
36	4	1.635	39	4	10.2	1509.769	1682.314		4
37	4	1.539	39	4	10.2	1420.948	1583.342		4
38	4	1.515	38	5	13.1	1435.710	1653.242		3
39	4	1.488	38	5	13.1	1410.605	1624.333		3
40	4	1.419	38	5	13.1	1344.394	1548.090		3
41	66	25.941	589	49	8.3	1585.565	1729.440		37

AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 37564	KEPT 647367	CUS 437720			

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE TOTAL TIME	UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
				AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	44	790.091	.905						
2	44	783.545	.957						
3	43	789.535	.943				100.0		
4	43	788.511	.941				100.0		
5	43	793.651	.947				100.0		225
6	42	780.228	.910				100.0		233
7	42	775.782	.905				100.0		275
8	40	797.225	.885				100.0		237
9	40	790.700	.878				100.0		232
10	40	791.575	.879				100.0		7
11	39	786.461	.852				100.0		210
12	38	781.976	.825				100.0		274
13	37	784.297	.800				100.0		271
14	36	781.033	.781				100.0		229
15	35	780.200	.758				100.0		1
16	34	777.412	.754				100.0		235
17	33	770.151	.705				100.0		207
18	30	793.233	.661				100.0		236
19	26	781.355	.584				100.0		8
20	25	797.030	.553				100.0		
21	23	804.522	.514				100.0		
22	21	798.286	.465				100.0		
23	16	800.375	.355				100.0		
24	13	799.923	.288				100.0		
26	36	733.861	.733				100.0		
27	36	730.361	.730				100.0		13
28	36	728.472	.728				100.0		6
29	36	727.889	.727				100.0		234
30	35	744.680	.724				100.0		5
31	35	741.686	.721				100.0		3
32	35	738.171	.717				100.0		238
33	35	735.400	.714				100.0		19
34	35	734.897	.714				100.0		240
35	35	732.314	.711				100.0		9
36	35	729.657	.709				100.0		17
37	34	744.176	.702				100.0		20
38	33	719.800	.689				100.0		14
39	34	740.000	.698				100.0		12
40	34	737.353	.696				100.0		214
							100.0		244

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	SAVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.160	44	31	70.4	131.318	444.461		
2	1	.162	44	33	75.0	133.045	532.181		
3	1	.084	43	37	86.0	70.720	506.833		
4	1	.094	43	38	88.3	45.581	392.000		
5	1	.039	43	40	93.0	33.255	476.666		
6	1	.019	42	40	95.2	16.500	346.500		
7	1	.016	42	40	95.2	14.357	301.500		
8	1	.000	40	40	100.0	.000	.000		
9	1	.000	40	40	100.0	.000	.000		
10	1	.000	40	40	100.0	.000	.000		
11	1	.000	39	39	100.0	.000	.000		
12	1	.000	38	38	100.0	.000	.000		
13	1	.000	37	37	100.0	.000	.000		
14	1	.000	36	36	100.0	.000	.000		
15	1	.000	35	35	100.0	.000	.000		
16	1	.000	34	34	100.0	.000	.000		
17	1	.000	33	33	100.0	.000	.000		
18	1	.000	30	30	100.0	.000	.000		
19	1	.000	26	26	100.0	.000	.000		
20	1	.000	25	25	100.0	.000	.000		
21	1	.000	23	23	100.0	.000	.000		
22	1	.000	21	21	100.0	.000	.000		
23	1	.000	16	16	100.0	.000	.000		
24	1	.000	13	13	100.0	.000	.000		
25	8	.537	827	765	94.9	23.408	460.928		
26	5	2.125	41	3	7.3	1366.511	2013.868		5
27	5	2.108	41	3	7.3	1851.755	1997.947		5
28	5	2.047	41	3	7.3	1797.951	1939.894		5
29	5	2.025	40	3	7.4	1822.774	1970.567		4
30	5	1.997	40	3	7.4	1797.674	1943.432		5
31	5	1.995	40	3	7.4	1796.125	1941.756		5
32	5	1.955	40	2	4.9	1759.724	1852.342		5
33	5	1.853	40	3	7.4	1668.174	1803.432		5
34	5	1.828	40	2	4.9	1645.399	1732.000		5
35	5	1.729	40	4	9.9	1556.774	1729.750		5
36	5	1.678	40	5	12.5	1510.849	1726.885		5
37	5	1.669	39	7	17.9	1540.820	1877.875		5
38	5	1.605	40	9	22.4	1444.625	1864.032		5
39	4	1.584	38	8	21.0	1501.500	1901.899		4
40	4	1.464	38	9	23.6	1337.739	1818.462		4
41	73	27.670	598	67	11.2	1665.777	1875.960		72

SAVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 26646	KEPT 657277	CUS 455548			

FACILITIES

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	*TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME			UNAVAIL. TIME	SEIZING
1	44	786.045	.560			100.0	285	
2	44	773.477	.545			100.0	31	
3	43	788.791	.542			100.0	287	
4	43	779.372	.530			100.0	30	
5	42	792.976	.525			100.0	288	
6	41	786.488	.595			100.0	289	
7	41	782.829	.691			100.0	21	
8	41	786.390	.595			100.0	290	
9	40	793.925	.882			100.0	221	
10	39	801.000	.667			100.0	223	
11	36	789.783	.633			100.0		
12	36	802.000	.802			100.0		
13	36	785.194	.785			100.0	23	
14	34	783.706	.740			100.0	44	
15	34	785.559	.741			100.0	51	
16	32	784.062	.696			100.0	294	
17	30	770.267	.641			100.0	293	
18	30	779.833	.649			100.0	295	
19	26	767.608	.554			100.0	28	
20	23	784.348	.488			100.0	41	
21	19	764.737	.403			100.0	40	
22	16	779.187	.346			100.0	20	
23	14	724.000	.281			100.0	46	
24	11	802.000	.295			100.0		
26	86	731.333	.731			100.0	61	
27	36	730.028	.730			100.0	56	
28	36	729.278	.729			100.0	62	
29	36	723.833	.723			100.0	228	
30	36	726.889	.726			100.0	69	
31	35	746.314	.725			100.0	42	
32	35	741.143	.720			100.0	47	
33	35	740.857	.720			100.0	49	
34	35	735.628	.715			100.0	39	
35	36	718.166	.718			100.0	220	
36	35	730.428	.710			100.0	29	
37	34	745.088	.703			100.0	227	
38	34	736.000	.695			100.0	43	
39	34	735.059	.694			100.0	54	
40	34	727.441	.687			100.0	72	

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	SAVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
-1	1	.133	44	34	77.2	109.566	482.099		
2	1	.051	44	34	88.6	41.865	368.399		
3	1	.040	44	40	90.9	32.977	362.750		1
4	1	.058	43	41	95.3	25.166	541.500		
5	1	.006	42	41	97.6	5.523	232.000		
6	1	.004	41	40	97.5	4.046	166.000		
7	1	.015	41	40	97.5	13.565	557.000		
8	1	.001	41	40	97.5	.975	40.000		
9	1	.036	40	39	97.4	5.974	239.000		
10	1	.020	40	39	97.4	16.674	747.000		1
11	1	.000	38	38	100.0	.000	.000		
12	1	.000	36	36	100.0	.000	.000		
13	1	.000	36	36	100.0	.000	.000		
14	1	.000	34	34	100.0	.000	.000		
15	1	.000	34	34	100.0	.000	.000		
16	1	.000	32	32	100.0	.000	.000		
17	1	.000	30	30	100.0	.000	.000		
18	1	.000	30	30	100.0	.000	.000		
19	1	.000	26	26	100.0	.000	.000		
20	1	.000	23	23	100.0	.000	.000		
21	1	.000	19	19	100.0	.000	.000		
22	1	.000	16	16	100.0	.000	.000		
23	1	.000	14	14	100.0	.000	.000		
24	1	.000	11	11	100.0	.000	.000		
25	10	.210	799	772	96.6	13.939	414.000		2
26	4	1.274	39	1	2.5	1176.051	1207.000		3
27	4	1.175	39	1	2.5	1084.743	1113.269		3
28	4	1.153	39	1	2.5	1064.435	1092.447		3
29	4	1.119	39	1	2.5	1033.717	1060.920		3
30	4	1.045	39	1	2.5	1011.569	1038.210		3
31	4	1.050	39	2	5.1	969.563	1021.972		4
32	3	1.047	38	3	7.8	992.605	1077.665		3
33	3	.909	38	4	10.5	861.289	962.617		3
34	3	.887	38	5	13.1	841.076	968.515		3
35	3	.779	38	7	18.4	738.605	905.386		2
36	3	.756	37	8	21.6	755.324	976.448		2
37	3	.686	37	10	27.0	668.026	915.444		3
38	3	.735	37	10	27.0	715.466	980.461		2
39	3	.659	36	11	30.5	659.500	949.679		2
40	3	.599	36	13	36.1	599.500	938.347		2
41	51	13.960	569	78	13.7	883.252	1023.566		42

\$AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 52641	REPT 633412	CUS 422622			

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME			UNAVAIL. TIME	SEIZING
1	44	784.023	.958			100.0	17	
2	44	781.977	.955			100.0	237	
3	43	792.139	.946			100.0	10	
4	43	786.046	.938			100.0	202	
5	43	774.256	.924			100.0	24	
6	42	786.095	.917			100.0	25	
7	42	774.286	.903			100.0	30	
8	41	775.927	.883			100.0	20	
9	41	773.902	.881			100.0	31	
10	40	781.900	.863			100.0	18	
11	39	775.513	.840			100.0	35	
12	39	768.051	.832			100.0	37	
13	37	794.135	.816			100.0		
14	36	798.778	.798			100.0		
15	34	793.882	.749			100.0	28	
16	34	791.676	.747			100.0	205	
17	33	788.818	.723			100.0	5	
18	29	789.310	.633			100.0	29	
19	25	787.520	.546			100.0	300	
20	23	774.609	.494			100.0	44	
21	19	778.052	.410			100.0	34	
22	16	792.000	.354			100.0		
23	16	791.937	.351			100.0		
24	12	789.250	.263			100.0		
26	36	736.444	.736			100.0	15	
27	36	734.416	.734			100.0	45	
28	36	733.528	.733			100.0	48	
29	36	732.694	.732			100.0	43	
30	36	724.222	.724			100.0	46	
31	36	727.361	.727			100.0	47	
32	36	725.750	.725			100.0	236	
33	35	744.943	.724			100.0	26	
34	35	743.229	.722			100.0	42	
35	35	740.343	.719			100.0	19	
36	35	738.657	.716			100.0	32	
37	35	740.828	.720			100.0	14	
38	35	738.143	.717			100.0	49	
39	35	734.371	.713			100.0	253	
40	35	731.857	.711			100.0	50	

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.115	44	34	77.2	94.818	417.199		
2	1	.069	44	37	84.0	57.159	359.255		
3	1	.082	43	37	86.0	66.955	474.166		
4	1	.061	43	39	90.6	51.255	331.000		
5	1	.028	43	41	95.3	29.651	308.300		
6	1	.009	42	40	95.2	8.452	177.500		
7	1	.000	42	42	100.0	.000	.000		
8	1	.000	41	41	100.0	.000	.000		
9	1	.000	41	41	100.0	.000	.000		
10	1	.000	40	40	100.0	.000	.000		
11	1	.000	39	39	100.0	.000	.000		
12	1	.000	39	39	100.0	.000	.000		
13	1	.000	37	37	100.0	.000	.000		
14	1	.000	36	36	100.0	.000	.000		
15	1	.000	34	34	100.0	.000	.000		
16	1	.000	34	34	100.0	.000	.000		
17	1	.000	33	33	100.0	.000	.000		
18	1	.000	29	29	100.0	.000	.000		
19	1	.000	25	25	100.0	.000	.000		
20	1	.000	23	23	100.0	.000	.000		
21	1	.000	19	19	100.0	.000	.000		
22	1	.000	16	16	100.0	.000	.000		
23	1	.000	16	16	100.0	.000	.000		
24	1	.000	12	12	100.0	.000	.000		
25	0	.367	815	784	96.1	16.230	426.709		
26	4	1.508	40	2	4.9	1357.250	1428.684		4
27	4	1.442	40	1	2.4	1296.524	1331.615		4
28	4	1.424	40	1	2.4	1282.500	1315.384		4
29	4	1.423	40	1	2.4	1280.949	1313.794		4
30	4	1.384	40	2	4.9	1246.074	1311.657		4
31	4	1.317	40	3	7.4	1185.474	1281.594		4
32	4	1.267	40	3	7.4	1141.125	1233.848		4
33	4	1.316	39	3	7.6	1214.891	1316.138		4
34	4	1.274	39	3	7.6	1176.307	1274.333		3
35	3	1.092	38	4	10.5	1035.315	1157.117		3
36	3	1.065	38	4	10.5	1009.157	1127.332		3
37	3	1.018	38	4	10.5	964.920	1078.441		3
38	3	.962	38	4	10.5	912.157	1019.470		3
39	3	.924	38	4	10.5	875.578	978.588		3
40	3	.832	38	5	13.1	788.631	908.121		3
41	54	18.255	586	44	7.5	1121.474	1212.516		34

AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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2	NUMBER - CONTENTS KEEP 57693	NUMBER - CONTENTS KEPT 646576	NUMBER - CONTENTS CUS 435762	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
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 * FACILITIES *
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FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE TOTAL TIME	UTILIZATION DURING-		CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
				AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	44	781.682	.955				100.0	286	
2	44	778.818	.951				100.0	43	
3	44	781.250	.954				100.0	254	
4	43	787.511	.940				100.0	37	
5	43	777.884	.929				100.0	290	
6	42	788.381	.919				100.0	255	
7	42	782.666	.913				100.0	217	
8	41	781.341	.889				100.0	213	
9	39	797.436	.863				100.0	247	
10	39	794.846	.861				100.0	25	
11	39	785.769	.851				100.0	248	
12	39	782.051	.847				100.0	288	
13	37	793.757	.815				100.0	211	
14	35	778.943	.757				100.0	251	
15	33	792.091	.726				100.0	216	
16	32	784.344	.697				100.0	256	
17	28	768.821	.597				100.0	289	
18	25	779.360	.541				100.0	39	
19	24	761.625	.507				100.0	49	
20	21	766.000	.446				100.0	16	
21	19	760.737	.401				100.0	26	
22	16	752.687	.334				100.0	291	
23	14	747.214	.290				100.0	214	
24	11	730.454	.223				100.0	34	
26	36	734.000	.734				100.0	65	
27	36	729.805	.729				100.0	40	
28	35	746.257	.725				100.0	219	
29	35	741.943	.721				100.0	60	
30	36	720.750	.720				100.0	218	
31	35	740.143	.719				100.0	38	
32	35	737.600	.717				100.0	41	
33	35	727.571	.707				100.0	52	
34	35	730.257	.709				100.0	68	
35	35	726.000	.705				100.0	45	
36	35	721.657	.701				100.0	66	
37	34	736.147	.695				100.0	50	
38	34	721.000	.680				100.0	59	
39	33	739.424	.677				100.0	27	
40	33	732.061	.671				100.0	53	

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 * QUEUES *
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QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.174	45	33	73.3	139.733	524.000		1
2	1	.120	45	35	77.7	96.311	433.399		1
3	1	.116	44	35	79.5	94.954	464.222		
4	1	.066	43	39	90.6	55.325	394.750		
5	1	.037	43	40	93.0	31.093	445.666		
6	1	.029	42	40	95.2	25.047	526.000		
7	1	.000	42	42	100.0	.000	.000		
8	1	.000	41	41	100.0	.000	.000		
9	1	.000	39	39	100.0	.000	.000		
10	1	.000	39	39	100.0	.000	.000		
11	1	.000	39	39	100.0	.000	.000		
12	1	.000	39	39	100.0	.000	.000		
13	1	.000	37	37	100.0	.000	.000		
14	1	.000	35	35	100.0	.000	.000		
15	1	.000	33	33	100.0	.000	.000		
16	1	.000	32	32	100.0	.000	.000		
17	1	.000	28	28	100.0	.000	.000		
18	1	.000	25	25	100.0	.000	.000		
19	1	.000	24	24	100.0	.000	.000		
20	1	.000	21	21	100.0	.000	.000		
21	1	.000	19	19	100.0	.000	.000		
22	1	.000	16	16	100.0	.000	.000		
23	1	.000	14	14	100.0	.000	.000		
24	1	.000	11	11	100.0	.000	.000		
25	7	.543	796	756	94.9	24.582	489.199		2
26	4	1.177	40	2	4.9	1059.324	1115.078		4
27	4	1.125	40	2	4.9	1013.324	1066.657		4
28	4	1.049	39	3	7.6	968.717	1049.444		4
29	4	1.003	39	3	7.6	926.717	1003.944		4
30	4	.988	39	3	7.6	912.384	988.416		3
31	4	.941	39	3	7.6	869.333	941.777		4
32	4	.871	39	3	7.6	804.364	871.416		4
33	4	.869	38	7	18.4	823.552	1009.516		3
34	3	.792	38	7	18.4	750.420	919.870		3
35	3	.730	37	11	29.7	711.162	1012.038		2
36	3	.625	38	12	31.5	592.947	866.615		3
37	3	.583	36	15	41.6	583.444	1000.190		2
38	3	.530	36	17	47.2	530.972	1006.052		2
39	3	.507	36	17	47.2	507.194	961.000		3
40	3	.538	36	17	47.2	538.916	1021.105		3
41	53	12.336	570	122	21.4	779.159	991.341		48

\$AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

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* FULLWORD SAVEVALUES *
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NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 36504	KEPT 631305	CUS 424590			

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/TRAN	-AVERAGE UTILIZATION DURING-			CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	44	779.704	.952			100.0		28	
2	44	782.023	.955			100.0		1	
3	43	792.163	.946			100.0	250		
4	43	782.325	.934			100.0		30	
5	43	777.834	.929			100.0		10	
6	42	777.405	.906			100.0		53	
7	41	791.683	.901			100.0			
8	41	790.488	.900			100.0		22	
9	40	796.400	.884			100.0		20	
10	39	785.103	.850			100.0		24	
11	37	732.000	.803			100.0		41	
12	37	766.648	.808			100.0		26	
13	36	787.333	.787			100.0		18	
14	35	787.800	.765			100.0		39	
15	34	781.735	.738			100.0		47	
16	33	777.697	.712			100.0	253		
17	24	787.655	.634			100.0		27	
18	27	780.963	.585			100.0		19	
19	27	778.555	.583			100.0		38	
20	24	769.583	.513			100.0		283	
21	22	773.364	.472			100.0		284	
22	17	791.941	.373			100.0			
23	14	796.071	.309			100.0			
24	10	795.800	.221			100.0			
26	36	735.444	.735			100.0		35	
27	36	734.944	.734			100.0		52	
28	36	734.639	.734			100.0		21	
29	36	733.778	.733			100.0		56	
30	36	733.194	.733			100.0		13	
31	36	732.722	.732			100.0		25	
32	36	731.694	.731			100.0		51	
33	36	731.000	.731			100.0		74	
34	36	729.555	.729			100.0		9	
35	36	728.889	.728			100.0		60	
36	36	725.166	.725			100.0		254	
37	35	747.114	.726			100.0		37	
38	35	743.943	.723			100.0		252	
39	36	719.611	.719			100.0		68	
40	35	736.571	.716			100.0		71	

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 * QUEUES *
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QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.148	44	33	75.0	121.159	434.836		
2	1	.079	44	36	81.8	65.272	359.000		
3	1	.079	43	35	81.3	66.279	356.250		
4	1	.070	43	36	83.7	59.441	365.142		
5	1	.031	43	40	93.0	26.651	382.000		
6	1	.013	42	40	95.2	11.214	235.500		
7	1	.010	41	40	97.5	9.536	391.000		
8	1	.012	41	46	97.5	11.414	468.000		
9	1	.000	40	40	100.0	.000	.000		
10	1	.000	39	39	100.0	.000	.000		
11	1	.000	37	37	100.0	.000	.000		
12	1	.000	37	37	100.0	.000	.000		
13	1	.000	36	36	100.0	.000	.000		
14	1	.000	35	35	100.0	.000	.000		
15	1	.000	34	34	100.0	.000	.000		
16	1	.000	33	33	100.0	.000	.000		
17	1	.000	29	29	100.0	.000	.000		
18	1	.000	27	27	100.0	.000	.000		
19	1	.000	27	27	100.0	.000	.000		
20	1	.000	24	24	100.0	.000	.000		
21	1	.000	22	22	100.0	.000	.000		
22	1	.000	17	17	100.0	.000	.000		
23	1	.000	14	14	100.0	.000	.000		
24	1	.000	10	10	100.0	.000	.000		
25	9	.446	802	761	94.8	20.056	392.316		
26	3	1.533	39	1	2.5	1415.461	1452.710		3
27	3	1.500	39	1	2.5	1384.615	1421.052		3
28	3	1.437	39	1	2.5	1326.589	1361.500		3
29	3	1.476	39	1	2.5	1363.230	1399.105		3
30	3	1.338	39	1	2.5	1235.205	1267.710		3
31	3	1.321	39	1	2.5	1220.307	1252.420		3
32	3	1.246	39	1	2.5	1150.307	1180.578		3
33	3	1.149	39	2	5.1	1061.179	1118.540		3
34	3	1.171	38	2	5.2	1110.184	1171.861		2
35	3	1.093	38	2	5.2	1035.605	1093.138		2
36	3	1.046	38	3	7.8	991.052	1076.000		2
37	3	1.052	38	3	7.8	997.184	1062.656		3
38	3	.991	37	4	10.8	964.378	1081.272		2
39	3	.931	37	4	10.8	906.188	1016.030		1
40	3	.915	37	5	13.5	891.188	1030.437		2
41	45	18.205	575	32	5.5	1139.620	1206.992		38

\$AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

* FULLWORD SAVEVALUES *

NUMBER	CONTENTS	NUMBER	CONTENTS	NUMBER	CONTENTS	NUMBER	CONTENTS	NUMBER	CONTENTS	NUMBER	CONTENTS
KEEP	34656	KEPT	635771	CUS	428705						

 * FACILITIES *

FACILITY	NUMBER ENTRIES	AVERAGE TIME/IRAN	-AVERAGE UTILIZATION DURING-			CURRENT STATUS	PERCENT AVAILABILITY	TRANSACTION NUMBER	
			TOTAL TIME	AVAIL. TIME	UNAVAIL. TIME			SEIZING	PREEMPTING
1	43	787.256	.940			100.0		234	
2	43	734.139	.936			100.0		231	
3	43	780.256	.931			100.0		5	
4	43	777.907	.929			100.0		9	
5	42	796.190	.928			100.0		239	
6	43	772.930	.923			100.0		19	
7	42	784.928	.915			100.0		220	
8	42	787.619	.918			100.0		241	
9	40	789.050	.876			100.0		236	
10	40	757.050	.874			100.0		237	
11	39	769.436	.833			100.0		17	
12	37	778.513	.800			100.0		3	
13	35	786.486	.764			100.0		139	
14	34	780.029	.736			100.0		18	
15	34	781.912	.738			100.0		21	
16	31	781.290	.672			100.0		6	
17	29	766.689	.617			100.0		15	
18	26	792.692	.572			100.0			
19	23	795.435	.508			100.0			
20	23	801.609	.512			100.0			
21	22	797.909	.487			100.0			
22	20	785.450	.436			100.0			
23	17	801.294	.378			100.0			
24	15	799.200	.333			100.0			
26	36	733.916	.733			100.0		10	
27	36	733.028	.733			100.0		249	
28	36	733.000	.733			100.0		242	
29	36	731.166	.731			100.0		250	
30	36	730.305	.730			100.0		8	
31	36	730.194	.730			100.0		248	
32	35	749.657	.728			100.0		245	
33	36	728.805	.728			100.0		246	
34	36	728.139	.728			100.0		7	
35	36	724.555	.724			100.0		247	
36	36	722.055	.722			100.0		39	
37	36	721.444	.721			100.0		22	
38	35	739.314	.718			100.0		225	
39	35	729.628	.709			100.0		240	
40	35	732.057	.711			100.0		243	

 * QUEUES *

QUEUE	MAXIMUM CONTENTS	AVERAGE CONTENTS	TOTAL ENTRIES	ZERO ENTRIES	PERCENT ZEROS	AVERAGE TIME/TRANS	AVERAGE SAVERAGE TIME/TRANS	TABLE NUMBER	CURRENT CONTENTS
1	1	.107	44	36	81.8	88.363	486.000		
2	1	.048	44	36	86.3	39.659	290.833		
3	1	.022	43	41	95.3	19.069	410.000		
4	1	.017	43	42	97.6	14.906	641.000		
5	1	.005	42	41	97.6	4.690	197.000		
6	1	.015	42	41	97.6	13.714	576.000		
7	1	.000	42	42	100.0	.000	.000		
8	1	.000	41	41	100.0	.000	.000		
9	1	.000	39	39	100.0	.000	.000		
10	1	.000	38	38	100.0	.000	.000		
11	1	.000	38	38	100.0	.000	.000		
12	1	.000	36	36	100.0	.000	.000		
13	1	.000	36	36	100.0	.000	.000		
14	1	.000	35	35	100.0	.000	.000		
15	1	.000	32	32	100.0	.000	.000		
16	1	.000	32	32	100.0	.000	.000		
17	1	.000	27	27	100.0	.000	.000		
18	1	.000	22	22	100.0	.000	.000		
19	1	.000	20	20	100.0	.000	.000		
20	1	.000	18	18	100.0	.000	.000		
21	1	.000	16	16	100.0	.000	.000		
22	1	.000	11	11	100.0	.000	.000		
23	1	.000	10	10	100.0	.000	.000		
24	1	.000	9	9	100.0	.000	.000		
25	7	.218	760	741	97.4	40.351	414.052		
26	3	1.252	39	1	2.5	1156.102	1186.526		3
27	3	1.233	39	2	5.1	1138.769	1200.324		3
28	3	1.206	39	2	5.1	1114.076	1174.297		3
29	3	1.141	39	2	5.1	1053.384	1110.324		3
30	3	1.158	39	2	5.1	1069.845	1127.675		3
31	3	1.040	39	3	7.6	950.538	1040.583		3
32	3	.995	38	5	13.1	943.184	1086.090		3
33	3	.995	38	5	13.1	943.026	1085.908		3
34	3	.864	37	7	18.9	841.513	1037.866		2
35	3	.797	37	7	18.9	775.621	956.599		2
36	3	.730	37	9	24.3	711.000	939.535		2
37	3	.742	36	10	27.7	742.250	1027.730		2
38	2	.675	36	10	27.7	675.583	935.422		2
39	2	.676	36	12	33.3	676.472	1014.708		2
40	2	.656	36	12	33.3	656.416	984.625		2
41	42	14.168	565	89	15.7	902.759	1071.552		38

\$AVERAGE TIME/TRANS = AVERAGE TIME/TRANS EXCLUDING ZERO ENTRIES

*
* FULLWORD SAVEVALUES *
*

NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS	NUMBER - CONTENTS
KEEP 33807	KEPT 602927	CUS 420700			



ตารางผนวก ง. ข้อมูลของจำนวนผู้โดยสารที่เข้ามาต่อกลุ่ม และเวลาเข้ามาระหว่างกลุ่มของผู้โดยสารขาเข้า
ระหว่างเวลา 1700 - 1800

อาทิตย์		จันทร์		อังคาร		พุธ		พฤหัสบดี		ศุกร์		เสาร์	
I	N	I	N	I	N	I	N	I	N	I	N	I	N
5	14	20	49	5	176	18	43	20	20	30	111	15	250
0	160	10	200	5	49	0	260	12	46	0	162	3	26
10	173	10	94	15	173	10	30	11	139	20	127	5	155
5	39	25	99	15	94	10	76	17	160	5	128	5	200
5	151			1	4	10	219	10	133	20	94	2	17
10	20			4	51	0	187	0	112			10	89
5	79			5	60	15	59	0	80			5	98
5	123			10	50	5	128					5	75
10	133			5	140	5	85						
5	7					5	170						
5	34												

I หมายถึง INTERARRIVAL TIME

N หมายถึง จำนวนผู้โดยสารที่เข้ามาต่อกลุ่ม



ประวัติโดยสังเขป

ชื่อ

นางสาวฉวี ศิริคุปต์

วัน เดือน ปีเกิด

26 สิงหาคม พ.ศ. 2498

การศึกษา

วิทยาศาสตรบัณฑิต สาขาวิชาคณิตศาสตร์

มหาวิทยาลัยเกษตรศาสตร์ พ.ศ. 2521