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SOME AIDS FOR ESTIMATING DAMAGE PROBABILITIES IN ATTACKS AGAINST TARGETS WITH P AND Q VULNERABILITY NUMBERS: SUPPLEMENTARY TABLES FOR POINT TARGETS

D. C. Kephart

RAND Corporation

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November 1973

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November 1973

Some Aids for Estimating Damage Probabilities in Attacks Against Targets with P and Q Vulnerability Numbers: Supplementary Tables for Point Targets

D. C. Kephart

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PREFACE

This is a supplementary volume to Rand report R-1168-PR,^{*} which presents tables of damage probability as a function of nuclear bomb yield and delivery CEP for 50 selected P vulnerability numbers (PVNs) associated with hardened military targets. The supplement was prepared in response to requests by Air Force officers and agencies for additional damage probability tables estimating outcomes of attacks on certain overpressure-sensitive P-type and dynamic-pressure-sensitive Q-type point targets not listed in R-1168-PR.

The additional Probability of Damage (PD) tables presented here cover 56 PVNs and 52 QVNs of current military interest. The tables should be useful to Air Force planners and analysts in providing a quick-access source for data not otherwise readily available.

^{*}D. C. Kephart, *Some Aids for Estimating Damage Probabilities in Attacks Against Targets with P and Q Vulnerability Numbers*, The Rand Corporation, R-1168-PR, March 1973, For Official Use Only.

SOME AIDS FOR ESTIMATING DAMAGE PROBABILITIES IN ATTACKS AGAINST
TARGETS WITH P AND Q VULNERABILITY NUMBERS: SUPPLEMENTARY
TABLES FOR POINT TARGETS

The computed tables in this supplement show single-shot probability of damage to a point target as a function of yield and circular probable error (CEP), for a weapon bursting at an altitude that approximately maximizes the probability of blast damage. Definitions, assumptions, and mathematical bases for the damage tables are as detailed in R-1168-PR and in *Physical Vulnerability Handbook--Nuclear Weapons* (U), Defense Intelligence Agency, AP-550-1-2-69-INT, 1 June 1969 (Confidential).

For target vulnerability numbers (VNs) and yield-CEP combinations not listed in this supplement or in R-1168-PR, an interactive computing program is available as described in R-1168-PR for calculating additional Probability of Damage (PD) tables via remote teletype coupling to Rand's JOSS computer. The computing program also calculates discrete sets of air-burst and ground-burst damage probabilities for both point targets and circular area targets with an offset aim point option for any yield-CEP combination, for both P-type VNs (PVNs) and Q-type VNs (QVNs).

The quantities listed in the computer printout PD tables are identified below:

VN = arbitrary classification of a target's susceptibility to blast damage (as defined in R-1168-PR and in DIA's *Physical Vulnerability Handbook*)

KT = warhead yield, kilotons

Adj VN = adjusted VN, to account for yield-dependent damage response

psi = peak over pressure (for PVNs), or peak dynamic pressure (for QVNs) at the weapon radius, lb/sq in.

HOB = weapon height of burst, associated with "maximum" probability of damage, ft

WR = weapon radius, ft

CEP = circular probable error weapon delivery accuracy, ft

PD = single-shot probability of damage.

The following table lists the VNs for which PD tables appear either in this supplement or in R-1168-PR. The quantity VN refers to the first two digits of the unadjusted PVN or QVN. The K-factor is the last digit of the PVN or QVN. The yield and CEP values tabulated in this supplement are not identical to those in R-1168-PR. To help expand the utility of the PD tables, several values were added at the low ends of the yield-CEP ranges, while others were omitted at the high ends.

INDEX OF DAMAGE PROBABILITY TABLES

VN	PVN										QVN									
	K-factor										K-factor									
0										0										
1										1										
2										2										
3										3										
4										4										
5										5										
6	△									6										
7	△									7										
8	△	△								8										
9	△									9										
10	△									10										
11	△									11										
12	△	△	△							12										
13	△									13										
14	△									14										
15	△									15										
16	△									16										
17	△		△							17										
18	△		△							18										
19	△		△							19										
20	●									20										
21	●									21										
22	△									22										
23	●									23										
24	△									24										
25	●	△								25										
26	△									26										
27	●	△	●							27										
28	●									28										
29	●									29										
30	●		●							30										
31	△	●		●						31										
32	△		●	●						32										
33	●	●	●	●						33										
34	△		●	●	●					34										
35	△	●		●	●					35										
36	●			●	●					36										
37	●			●	●					37										
38	●	△	△	△	△					38										
39	●	●	●	●	●	●				39										
40	△			△	△					40										
41	●			△						41										
42	△				●					42										
43	△					●				43										
44	●					●				44										
45	●						●			45										
46	△						●			46										
47	△						●			47										
48	●						●			48										
49	△						●			49										
50	△						●			50										
51	△						△			51										
52	●									52										
53										53										
54										54										
55										55										
56										56										
57	●									57										

• R-1168-PR

△ This supplement

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RT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT
Adj VM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pal	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
Hos	1028	2221	2705	3509	4229	4763	5228	5616	6000	6869	7360	8054	8225	10200	10603	11745	12927	13726	14798	15265	17343	19425	21361	23461	25552
VM	5038	8545	8726	10390	12520	15151	15775	18282	21786	23357	23356	23202	30390	32253	42225	51222	54215	63192	69552	70552	70552	70552	70552	70552	70552
CDF	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CDF
200																									200
400																									400
800																									800
1600																									1600
3200																									3200
6400																									6400
12800																									12800
RT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT
Adj VM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pal	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
Hos	1028	2221	2705	3509	4229	4763	5228	5616	6000	6869	7360	8054	8225	10200	10603	11745	12927	13726	14798	15265	17343	19425	21361	23461	25552
VM	5038	8545	8726	10390	12520	15151	15775	18282	21786	23357	23356	23202	30390	32253	42225	51222	54215	63192	69552	70552	70552	70552	70552	70552	
CDF	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CDF
200																									200
400																									400
800																									800
1600																									1600
3200																									3200
6400																									6400
12800																									12800

6P0

RT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT
Adj VM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pal	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
Hos	1028	2221	2705	3509	4229	4763	5228	5616	6000	6869	7360	8054	8225	10200	10603	11745	12927	13726	14798	15265	17343	19425	21361	23461	25552
VM	5038	8545	8726	10390	12520	15151	15775	18282	21786	23357	23356	23202	30390	32253	42225	51222	54215	63192	69552	70552	70552	70552	70552	70552	
CDF	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CDF
200																									200
400																									400
800																									800
1600																									1600
3200																									3200
6400																									6400
12800																									12800

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RT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT
Adj VM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pal	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
Hos	1028	2221	2705	3509	4229	4763	5228	5616	6000	6869	7360	8054	8225	10200	10603	11745	12927	13726	14798	15265	17343	19425	21361	23461	25552
VM	5038	8545	8726	10390	12520	15151	15775	18282	21786	23357	23356	23202	30390	32253	42225	51222	54215	63192	69552	70552	70552	70552	70552	70552	
CDF	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CDF
200																									200
400																									400
800																									800
1600																									1600
3200																									3200
6400																									6400
12800																									12800

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8P2

8P0

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9P0

8P6

9P0

10P0

11P0

10P0

11P0

12P0

12P1

12P 1

12P2

13P0

12P2

13P0

16P0

16P0

17PO

17P2

	K7	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	K7	
Adj VM	19.1	17.3	26.5	17.7	16.5	16.4	16.4	16.3	16.3	16.2	16.2	16.1	16.1	16.1	16.1	16.1	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.9	15.9	Adj VM	
Pal	.36	.26	.25	.25	.23	.23	.22	.22	.22	.22	.22	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.20	.20	.20	Pal
Pal	.33	.86	.162	.151	.150	.155	.213	.285	.257	.2710	.3128	.3481	.3988	.4408	.4763	.5073	.5478	.6048	.6529	.8950	.7656	.8278	.9278	.10105	.11141	.14974	Pal
WR	.60%	.1613	.2114	.2746	.3379	.3499	.4346	.4939	.5704	.6313	.7277	.8046	.8695	.9283	.10006	.11049	.11930	.12700	.14015	.15125	.16364	.18474	.20373	.2075	.2075	WR	
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP	
200	.985	.754	.957	.989	.972	.994	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200	
400	.800	.718	.900	.969	.916	.975	.992	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	400	
1000	.239	.793	.916	.973	.916	.975	.992	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1000	
1200	.159	.680	.840	.940	.976	.989	.995	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	1200	
1400	.120	.576	.754	.886	.953	.975	.987	.991	.994	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	1400	
1600	.093	.487	.666	.827	.916	.952	.973	.982	.987	.994	.994	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	1600	
1800	.071	.393	.589	.761	.870	.920	.953	.966	.975	.982	.986	.990	.993	.995	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	1800	
2000	.061	.353	.518	.694	.819	.902	.925	.945	.955	.965	.970	.975	.980	.985	.990	.993	.997	.997	.997	.997	.997	.997	.997	.997	.997	2000	
2500	.040	.246	.379	.544	.683	.766	.834	.867	.892	.909	.922	.932	.940	.949	.957	.962	.967	.972	.976	.980	.984	.987	.990	.993	.996	2500	
3000	.026	.179	.285	.426	.560	.646	.728	.771	.805	.876	.915	.934	.952	.972	.981	.987	.992	.996	.997	.997	.997	.997	.997	.997	.997	3000	
3500	.020	.135	.229	.338	.459	.544	.626	.673	.711	.779	.852	.911	.959	.970	.990	.993	.995	.997	.997	.997	.997	.997	.997	.997	.997	3500	
4000	.016	.108	.174	.273	.379	.457	.536	.623	.716	.781	.856	.925	.963	.980	.996	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	4000	
5000	.010	.069	.115	.186	.265	.320	.395	.437	.473	.539	.638	.731	.792	.834	.864	.897	.930	.950	.950	.950	.950	.950	.950	.950	.950	5000	
6000	.007	.049	.082	.136	.194	.243	.296	.333	.364	.449	.515	.611	.678	.729	.784	.812	.862	.894	.915	.945	.965	.982	.990	.997	.997	6000	
7000	.005	.036	.061	.100	.147	.186	.230	.259	.285	.350	.417	.507	.574	.621	.689	.720	.781	.827	.854	.897	.925	.942	.959	.962	.966	7000	
8000	.004	.028	.047	.076	.115	.146	.182	.206	.220	.290	.342	.422	.485	.538	.579	.632	.697	.748	.790	.830	.870	.917	.942	.953	.960	8000	
9000	.003	.020	.037	.062	.092	.116	.147	.167	.186	.238	.283	.354	.412	.489	.550	.631	.670	.711	.773	.818	.872	.908	.937	.947	9000		

17P2

	KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	11000	13000	15000	KT				
Adj VW	16.0	16.0	16.0	16.0	16.0	16.0	16.0	18.0	18.0	16.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0				
ps1	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
HOB	376	810	1020	1265	1549	174	1951	2082	2197	2515	2769	3169	3488	3758	3993	4301	4734	5100	5459	5955	6425	7188	7916	8603	9303	1003	1073	1143	1213	1283	1353	1423
WR	686	1442	1866	2357	2636	3194	3573	3822	4034	4664	5070	5604	6388	6681	7312	777	8570	9359	9424	10723	11766	13163	14313	15754	16900	17900	18900	19900	20900	21900	22900	23900
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD			
200	.993	.996	.999	.995	.967	.997	.999	.997	.999	.999	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
400	.826	.996	.999	.995	.967	.997	.999	.997	.999	.999	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
800	.389	.865	.995	.983	.99	.997	.999	.997	.999	.999	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
1600	.090	.386	.865	.995	.983	.99	.997	.999	.997	.999	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
3200	.045	.090	.386	.865	.995	.983	.99	.997	.999	.997	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
6400	.023	.045	.090	.386	.865	.995	.983	.99	.997	.999	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
12800	.012	.023	.045	.090	.386	.865	.995	.983	.99	.997	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
25600	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
51200	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
102400	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
204800	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
409600	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
819200	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
1638400	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
3276800	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
6553600	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999		
13107200	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999		
26214400	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999	.999			
52428800	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999	.999			
104857600	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999	.999			
209715200	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999	.999			
419430400	.0000001	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999	.999			
838860800	.00000005	.0000001	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999	.999			
1677721600	.00000002	.00000005	.0000001	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999			
3355443200	.00000001	.00000002	.00000005	.0000001	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999		
6710886400	.000000005	.000000002	.000000005	.0000001	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999		
13421772800	.000000001	.000000002	.000000005	.0000001	.0000002	.0000005	.000001	.000002	.000005	.00001	.00002	.00005	.0001	.0002	.0005	.0015	.003	.006	.012	.023	.045	.090	.386	.865	.995	.983	.99	.996	.997	.999		

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RT	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT		
Adj VM	20.1	18.3	16.0	17.0	17.6	17.5	17.4	17.3	17.2	17.1	17.1	17.1	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0		
psi	.93	.92	.90	.91	.92	.91	.90	.91	.92	.91	.92	.91	.92	.91	.92	.91	.92	.91	.92	.91	.92	.91	.92	.91	.92	
H03	295	773	1020	1329	1637	1866	2208	2596	3061	3490	4317	4894	5040	5578	6431	7110	7683	8184	8841	9763	10581	12222	12985	14959	16327	18003
WR	513	1426	1866	2426	2936	3601	3890	4317	4894	5040	5578	6431	7110	7683	8184	8841	9763	10581	12222	12985	14959	16327	18003	18003	18003	
CDF	PD	PD	PD	PD	PD	PD	CP																			
200	.965	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	.990	
600	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	.990	.990	
800	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	.990	.990	.990	
1000	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	
1200	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	
1600	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	
1800	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	
2000	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	
2500	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	
3000	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	
3500	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	
4000	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	.990	
5000	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	
6000	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	
7000	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	
8000	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	
9000	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	
10000	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	

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RT	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT	
Adj VM	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	
psi	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96	.96
H03	325	701	883	1113	1381	1511	1690	1803	1903	2179	2398	2775	3021	3255	3658	3726	4100	4317	4686	5166	5585	6226	6770	7451	8020
WR	608	1310	1650	2079	2506	2822	3157	3366	3556	4070	4560	5126	5644	6090	6861	7560	8752	8789	9531	10397	11631	12647	13920	14700	15600
CDF	PD	PD	PD	PD	CP																				
200	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990
400	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990
800	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	.990
1000	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990
1200	.961	.969	.965	.962	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.980
1600	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
1800	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.985
2000	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.985	.985
2500	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
3000	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.984	.984
4000	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
5000	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
6000	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
7000	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
9000	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983
10000	.960	.961	.962	.963	.964	.965	.966	.967	.968	.969	.970	.971	.972	.973	.974	.975	.976	.977	.978	.979	.980	.981	.982	.983	.983</

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	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	17.9 Adj Vp	
Adj Vp	.21.1	.19.3	.19.0	.18.7	.18.6	.18.5	.18.4	.16.4	.16.3	.19.3	.16.2	.16.1	.18.1	.18.1	.18.0	.18.0	.18.0	.18.0	.18.0	.18.0	.19.0	.17.9	.17.9 Adj Vp		
Pd	.52	.36	.36	.34	.33	.33	.32	.32	.32	.31	.31	.31	.31	.31	.30	.30	.30	.30	.30	.30	.30	.30	.29	pai	
Hd	.245	.635	.985	.2155	.3427	.3624	.1861	.1975	.2095	.2122	.2653	.3056	.3426	.3702	.3944	.4262	.4708	.5085	.5414	.5978	.6451	.7237	.7636	.8695	Hd
Vp	.482	.1260	.1650	.2145	.2639	.3005	.3393	.3638	.4453	.4929	.5682	.6282	.6798	.7232	.7912	.8626	.9314	.9919	.10542	.11809	.13244	.14427	.15907	W	
CET	PD	PD	PD	PD	CET																				
200	.932	.604	.998	.999	.918	.975	.998	.999	.999	.996	.996	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400	
400	.600	.309	.918	.975	.998	.999	.999	.999	.999	.996	.996	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	800	
800	.217	.779	.909	.972	.991	.996	.996	.996	.996	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	1600	
1000	.148	.636	.806	.921	.969	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	2000	
1200	.104	.513	.695	.849	.929	.960	.979	.985	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	2400	
1400	.078	.340	.502	.679	.805	.971	.918	.939	.952	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	2800	
1600	.060	.281	.427	.596	.736	.812	.872	.901	.921	.939	.939	.939	.939	.939	.939	.939	.939	.939	.939	.939	.939	.939	.939	3200	
1800	.048	.236	.365	.527	.667	.751	.821	.856	.892	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	3600	
2000	.039	.194	.256	.365	.527	.667	.751	.821	.856	.892	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	.932	4000	
2500	.025	.159	.255	.389	.517	.604	.686	.731	.767	.804	.821	.858	.891	.918	.939	.951	.973	.981	.986	.991	.995	.999	.999	5000	
3000	.019	.114	.166	.292	.317	.339	.462	.492	.533	.610	.650	.687	.714	.741	.767	.794	.821	.848	.867	.887	.897	.907	.907	3000	
3500	.013	.085	.161	.225	.255	.316	.381	.422	.459	.543	.607	.642	.671	.716	.744	.779	.821	.853	.887	.913	.935	.955	.955	3500	
4000	.010	.068	.110	.176	.255	.316	.381	.422	.459	.543	.607	.642	.671	.716	.744	.779	.821	.853	.887	.913	.935	.955	.955	4000	
5000	.008	.043	.072	.119	.219	.267	.300	.329	.409	.472	.566	.634	.686	.727	.775	.830	.867	.903	.927	.948	.970	.981	.981	5000	
6000	.006	.030	.051	.084	.124	.159	.196	.221	.264	.310	.363	.447	.531	.553	.606	.659	.723	.771	.807	.857	.890	.932	.970	6000	
7000	.003	.022	.036	.063	.119	.149	.189	.219	.247	.300	.349	.434	.462	.534	.622	.673	.714	.754	.809	.852	.894	.932	.970	7000	
8000	.002	.017	.029	.048	.072	.092	.116	.132	.187	.216	.246	.329	.399	.434	.462	.534	.622	.673	.714	.754	.809	.852	.894	8000	
9000	.002	.013	.023	.038	.059	.074	.093	.106	.119	.139	.159	.237	.280	.310	.351	.396	.454	.504	.545	.612	.684	.759	.820	9000	
10000	.002	.011	.019	.031	.047	.060	.076	.087	.127	.153	.197	.235	.298	.329	.396	.437	.491	.532	.572	.630	.729	.785	.866	10000	

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	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	17.9 Adj Vp
Adj Vp	.31.0	.23.1	.21.0	.19.0	.17.6	.16.7	.15.6	.15.5	.15.2	.14.4	.13.9	.13.2	.12.9	.12.5	.12.3	.12.0	.11.7	.11.5	.11.3	.11.0	.10.8	.10.4	.10.4 Adj Vp	
pai	.31.8	.23.6	.21.5	.19.5	.18.1	.17.2	.16.2	.15.9	.15.6	.14.8	.14.3	.13.8	.13.2	.12.9	.12.5	.12.3	.12.0	.11.7	.11.5	.11.3	.11.0	.10.8	.10.4	
Hd	.102	.397	.872	.1110	.1644	.2064	.2527	.2823	.3090	.3639	.4465	.5419	.6204	.6868	.7454	.8221	.9310	.10230	.11035	.12014	.13627	.15449	.18956	Hd
Vp	.252	.948	.1309	.2075	.2996	.3757	.4619	.5187	.5707	.7155	.8432	.10466	.12136	.14944	.16535	.18641	.20996	.22699	.25726	.28590	.33000	.36470	.42290	Vp
CET	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CET	
200	.635	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	.599	400
400	.235	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	.197	800
600	.114	.752	.927	.993	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1600
800	.066	.582	.801	.967	.991	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	1800
1000	.043	.416	.662	.910	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	2000
1200	.030	.317	.539	.831	.950	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	2400
1400	.022	.246	.439	.793	.921	.972	.991	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	3000
1600	.017	.195	.361	.656	.870	.946	.981	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	3500
1800	.013	.159	.300	.576	.813	.912	.965	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	4000
2000	.011	.131	.252	.505	.750	.871	.942	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	5000
2500	.007	.086	.171	.369	.603	.751	.983	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	2500
3000	.005	.063	.122	.276	.481	.632	.769	.891	.891	.931	.979	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	3000
3500	.004	.045	.092	.213	.387	.529	.647	.747	.747	.807	.932	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	4000
4000	.003	.035	.071	.169	.314	.442	.577	.759	.759	.851	.916	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	5000
5000	.002	.022	.046	.112	.217	.316	.431	.505	.505	.629	.819	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	6000
6000	.001	.016	.032	.079	.157	.234	.326	.450	.450	.603	.795	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	7000
7000	.001	.011	.029</td																					

22P0

24P0

22P0

25P2

KT	1	10	20	40	70	100	140	200	300	400	500	600	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj	.27.1	.25.3	.25.0	.24.7	.24.6	.24.5	.24.4	.24.2	.24.3	.24.3	.24.2	.24.1	.24.1	.24.1	.24.0	.24.0	.24.0	.24.0	.24.0	.24.0	.24.0	.23.9	.23.9	Adj	
VW	.156	.113	.107	.102	.99	.98	.96	.95	.94	.93	.92	.91	.91	.90	.90	.89	.89	.88	.88	.88	.88	.88	.88	.88	VW
Psi	.320	.415	.535	.655	.744	.838	.898	.950	.2098	.1211	.1394	.1540	.1853	.1771	.1912	.2110	.2278	.2428	.2674	.2834	.3234	.3521	.3821	.4021	Psi
HOB	.325	.784	.1008	.1291	.1573	.1782	.2004	.2143	.2267	.2808	.2879	.3307	.3649	.5374	.5374	.6501	.6794	.7610	.8283	.9125	.9125	.9125	.9125	.9125	UR
CEP	PD																								
200	.797	.597	.399	.190	.997	.999	.994	.992	.994	.998	.995	.996	.999	.999	.997	.998	.999	.999	.999	.999	.999	.999	.999	.999	200
400	.357	.889	.961	.960	.997	.999	.994	.992	.994	.998	.995	.996	.999	.999	.997	.998	.999	.999	.999	.999	.999	.999	.999	.999	400
800	.181	.861	.922	.968	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	800
1600	.107	.968	.837	.788	.890	.933	.960	.972	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	1600
3200	.070	.338	.487	.653	.779	.846	.897	.921	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	.938	3200
6400	.049	.251	.376	.530	.683	.784	.812	.867	.873	.925	.951	.975	.986	.991	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	6400
12800	.037	.192	.235	.431	.559	.643	.721	.733	.745	.867	.907	.948	.987	.978	.984	.986	.990	.994	.994	.994	.994	.994	.994	.994	12800
25600	.028	.151	.236	.353	.471	.553	.632	.677	.714	.739	.759	.809	.939	.977	.987	.992	.994	.997	.997	.997	.997	.997	.997	.997	25600
51200	.022	.122	.192	.293	.475	.552	.598	.636	.728	.788	.861	.902	.927	.944	.961	.974	.986	.994	.996	.996	.996	.996	.996	.996	51200
102400	.018	.100	.159	.246	.339	.410	.483	.527	.585	.659	.724	.807	.857	.890	.913	.937	.959	.972	.980	.986	.992	.996	.996	.996	102400
204800	.012	.066	.106	.167	.236	.290	.349	.387	.420	.509	.575	.669	.733	.779	.814	.853	.895	.922	.940	.961	.976	.986	.991	.995	204800
409600	.008	.046	.075	.119	.171	.213	.260	.291	.314	.395	.455	.546	.612	.664	.705	.753	.810	.864	.877	.914	.937	.963	.976	.986	409600
819200	.006	.034	.056	.089	.129	.162	.200	.225	.247	.312	.384	.488	.509	.559	.601	.653	.727	.786	.800	.851	.885	.925	.946	.967	819200
1638400	.005	.026	.043	.069	.101	.127	.158	.178	.197	.250	.295	.367	.424	.571	.582	.629	.720	.792	.822	.876	.905	.940	.960	.980	1638400
3276800	.003	.017	.028	.045	.066	.084	.104	.118	.131	.164	.202	.256	.301	.340	.374	.410	.479	.529	.570	.636	.687	.759	.808	.858	3276800
6553600	.002	.012	.019	.032	.046	.055	.074	.084	.094	.122	.146	.187	.222	.253	.280	.317	.369	.413	.451	.513	.568	.641	.697	.759	6553600
13107200	.001	.008	.014	.023	.034	.044	.055	.063	.070	.091	.110	.142	.164	.194	.216	.246	.289	.327	.360	.410	.462	.536	.594	.659	13107200
26214400	.001	.007	.011	.016	.026	.036	.042	.048	.054	.071	.095	.111	.133	.153	.171	.195	.231	.263	.291	.340	.382	.450	.504	.569	26214400
52428800	.001	.005	.009	.014	.021	.027	.034	.038	.043	.056	.068	.089	.107	.123	.138	.159	.189	.215	.243	.282	.318	.379	.429	.490	52428800
104857600	.001	.004	.007	.011	.017	.022	.027	.031	.035	.046	.056	.073	.088	.101	.114	.131	.156	.179	.199	.236	.284	.322	.368	.424	104857600

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KT	1	10	20	40	70	100	140	200	300	400	500	600	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	.26.0	Adj	
VW	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	.128	VW
Psi	.368	.381	.480	.579	.652	.729	.778	.822	.903	.1035	.1185	.1304	.1405	.1489	.1606	.1770	.1907	.2026	.2130	.2230	.2320	.2422	.2516	.2616	Psi
HOB	.368	.750	.945	.1434	.1615	.1907	.1928	.2035	.2330	.2364	.2435	.2721	.3400	.3690	.3984	.4385	.4723	.5019	.5524	.5851	.6557	.7239	.7987	.8787	HOB
CEP	PO	PD																							
200	.938	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	200
400	.396	.870	.943	.994	.994	.997	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	400
800	.122	.440	.592	.745	.849	.900	.936	.952	.963	.982	.989	.995	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	800
1600	.080	.315	.445	.598	.722	.794	.853	.982	.903	.945	.985	.982	.990	.993	.995	.997	.997	.997	.997	.997	.997	.997	.997	.997	1600
3200	.042	.178	.265	.382	.497	.600	.752	.791	.821	.885	.920	.956	.972	.981	.987	.991	.995	.995	.995	.995	.995	.995	.995	.995	3200
6400	.026	.112	.171	.256	.346	.411	.526	.563	.606	.643	.731	.799	.850	.883	.907	.931	.955	.968	.977	.986	.991	.995	.997	.997	6400
12800	.012	.042	.124	.214	.293	.354	.418	.458	.563	.648	.736	.834	.864	.894	.928	.948	.964	.981	.986	.991	.995	.997	.997	.997	12800
25600	.013	.060	.094	.144	.201	.246	.297	.329	.358	.437	.498	.588	.653	.703	.781	.786	.838	.873	.900	.930	.950	.971	.981	.995	25600
51200	.007	.031	.049	.077	.109	.138	.166	.187	.205	.259	.303	.374	.431	.470	.517	.587	.632	.682	.722	.781	.822	.873	.900	.930	51200
102400	.003	.024	.038	.055	.069	.086	.097	.108	.138	.164	.208	.246	.279	.304	.340	.394	.432	.479	.524	.592	.633	.697	.745	.800	102400
204800	.002	.011	.017	.027	.039	.049	.061	.069	.076	.085	.118	.151	.179	.205	.227	.258	.302	.340	.373	.429	.476	.550	.607	.672	204800
409600	.001	.006	.010	.015	.022	.027	.031	.035	.045	.057	.073	.088	.114	.136	.155	.173	.198	.234	.265	.302	.342	.382	.450	.503	409600
819200	.001	.004	.006	.010	.014	.018	.022	.026	.032	.040	.054	.071	.085	.106	.122	.136	.158	.185	.211	.234	.275	.311	.370	.437	819200
1638400	.001	.003	.004	.006	.010	.014	.018	.022	.026	.032	.040	.054	.071	.085	.106	.122	.136	.158	.185	.211	.234	.275	.		

27P2

30P5

		C1		C2		C3		C4		C5		C6		C7		C8		C9		C10		C11		C12		C13		C14		C15		C16		C17		C18		C19		C20		C21		C22		C23		C24		C25		C26		C27		C28		C29		C30		C31		C32		C33		C34		C35		C36		C37		C38		C39		C40		C41		C42		C43		C44		C45		C46		C47		C48		C49		C50		C51		C52		C53		C54		C55		C56		C57		C58		C59		C60		C61		C62		C63		C64		C65		C66		C67		C68		C69		C70		C71		C72		C73		C74		C75		C76		C77		C78		C79		C80		C81		C82		C83		C84		C85		C86		C87		C88		C89		C90		C91		C92		C93		C94		C95		C96		C97		C98		C99		C100		C101		C102		C103		C104		C105		C106		C107		C108		C109		C110		C111		C112		C113		C114		C115		C116		C117		C118		C119		C120		C121		C122		C123		C124		C125		C126		C127		C128		C129		C130		C131		C132		C133		C134		C135		C136		C137		C138		C139		C140		C141		C142		C143		C144		C145		C146		C147		C148		C149		C150		C151		C152		C153		C154		C155		C156		C157		C158		C159		C160		C161		C162		C163		C164		C165		C166		C167		C168		C169		C170		C171		C172		C173		C174		C175		C176		C177		C178		C179		C180		C181		C182		C183		C184		C185		C186		C187		C188		C189		C190		C191		C192		C193		C194		C195		C196		C197		C198		C199		C200		C201		C202		C203		C204		C205		C206		C207		C208		C209		C210		C211		C212		C213		C214		C215		C216		C217		C218		C219		C220		C221		C222		C223		C224		C225		C226		C227		C228		C2	
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27P2

30P5

31P0

RT	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT		
Adj VN	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	Adj VN		
pe1	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	pe1	
HOB	102	219	276	348	419	472	524	563	595	681	749	858	1090	1167	1380	1466	1614	1739	1845	2115	2324	2523	2578	WR		
WR	231	531	682	959	1035	1165	1304	1391	1468	1681	1850	2118	2331	2511	2668	2874	3163	3408	3671	3986	4293	4803	5223	5748		
CEP	PD	CEP																								
200	.634	.973	.998	.999	.999	.993	.993	.995	.998	.997	.997	.996	.997	.998	.999	.999	.999	.995	.995	.997	.998	.999	.999	.999	400	
400	.235	.694	.922	.986	.982	.900	.900	.925	.943	.956	.977	.947	.960	.952	.968	.952	.968	.953	.953	.955	.955	.956	.956	.956	600	
600	.113	.417	.565	.721	.830	.885	.925	.943	.956	.977	.997	.967	.980	.992	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	800	
800	.066	.266	.383	.528	.654	.732	.793	.834	.860	.892	.927	.827	.856	.878	.899	.899	.899	.899	.899	.899	.899	.899	.899	.899	1000	
1200	.030	.130	.187	.292	.300	.463	.536	.580	.616	.707	.767	.681	.805	.913	.932	.951	.969	.979	.965	.991	.994	.994	.994	.994	1200	
1400	.012	.058	.225	.308	.370	.436	.477	.513	.604	.735	.848	.755	.811	.849	.877	.895	.937	.955	.966	.979	.986	.993	.993	.993	1400	
1800	.017	.076	.117	.176	.247	.300	.356	.395	.427	.511	.627	.578	.669	.732	.777	.812	.860	.919	.937	.959	.972	.984	.995	.995	1600	
1800	.013	.050	.096	.146	.201	.247	.298	.330	.359	.436	.499	.590	.655	.704	.743	.787	.839	.874	.899	.931	.950	.971	.981	.981	1800	
2000	.011	.049	.077	.119	.187	.206	.250	.279	.304	.378	.432	.519	.634	.673	.723	.782	.823	.854	.895	.921	.952	.986	.986	.986	2000	
2500	.007	.032	.050	.078	.111	.138	.169	.190	.209	.263	.306	.380	.437	.486	.526	.576	.629	.669	.726	.787	.827	.880	.912	.941	2500	
3000	.005	.022	.035	.055	.079	.099	.122	.151	.171	.222	.285	.333	.373	.409	.454	.516	.588	.627	.672	.711	.789	.834	.879	.903	3000	
3500	.004	.016	.026	.041	.059	.074	.091	.103	.114	.131	.174	.220	.259	.293	.323	.363	.418	.464	.504	.568	.618	.643	.680	.703	3500	
4000	.003	.013	.020	.031	.045	.057	.071	.080	.089	.114	.136	.174	.206	.235	.260	.294	.342	.383	.419	.479	.528	.564	.600	.623	4000	
5000	.002	.009	.013	.020	.029	.037	.046	.052	.058	.075	.090	.116	.136	.158	.177	.201	.238	.269	.298	.347	.388	.436	.456	.510	5000	
6000	.001	.006	.009	.014	.020	.026	.032	.036	.041	.053	.063	.082	.099	.113	.125	.145	.173	.197	.219	.258	.292	.349	.396	.454	6000	
7000	.001	.004	.007	.010	.015	.019	.027	.030	.037	.047	.059	.071	.085	.095	.109	.131	.150	.167	.187	.225	.272	.312	.353	.400	7000	
8000	.001	.003	.005	.006	.012	.015	.021	.023	.030	.036	.047	.057	.068	.076	.085	.102	.117	.131	.146	.178	.217	.251	.289	.300	8000	
9000	.001	.003	.006	.006	.009	.012	.014	.016	.018	.024	.029	.038	.045	.052	.059	.068	.082	.094	.105	.121	.144	.177	.205	.262	9000	
10000	.002	.003	.005	.007	.009	.012	.013	.015	.019	.023	.031	.037	.043	.054	.065	.077	.086	.103	.119	.146	.176	.201	.230	.300	10000	
RT	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT		
Adj VN	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	Adj VN		
pe1	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	pe1	
HOB	47	208	262	330	398	449	502	535	565	647	712	815	897	986	1027	1106	1217	1311	1393	1452	1488	2009	2212	2212	2212	2212
WR	235	507	639	804	969	1092	1221	1303	1376	1575	1733	1984	2194	2500	2694	2944	3192	3734	4022	4500	4953	5185	5400	5600	WR	
CEP	PD	CEP																								
200	.590	.962	.959	.997	.999	.974	.966	.990	.993	.997	.996	.999	.997	.996	.999	.999	.999	.995	.995	.997	.997	.999	.999	.999	400	
400	.210	.640	.767	.893	.921	.878	.856	.925	.940	.966	.981	.991	.995	.997	.999	.999	.999	.995	.995	.997	.997	.999	.999	.999	600	
600	.100	.379	.522	.678	.794	.721	.690	.795	.828	.840	.860	.894	.914	.938	.958	.974	.983	.986	.986	.987	.987	.987	.987	.987	800	
800	.058	.238	.367	.465	.610	.690	.761	.799	.828	.840	.860	.894	.914	.938	.958	.974	.983	.986	.986	.987	.987	.987	.987	.987	1000	
1000	.019	.161	.261	.351	.462	.615	.659	.739	.779	.815	.845	.875	.905	.935	.955	.974	.983	.986	.986	.987	.987	.987	.987	.987	1200	
1200	.026	.115	.262	.354	.443	.535	.572	.664	.726	.807	.856	.898	.911	.935	.956	.970	.978	.987	.987	.987	.987	.987	.987	.987	1400	
1400	.019	.086	.201	.315	.397	.436	.500	.559	.624	.714	.774	.816	.847	.871	.891	.913	.934	.954	.954	.954	.954	.954	.954	.954	1600	
1600	.015	.087	.104	.159	.221	.300	.359	.427	.471	.534	.625	.690	.726	.775	.817	.864	.906	.917	.917	.917	.917	.917	.917	.917	1800	
1800	.012	.053	.087	.126	.165	.221	.267	.324	.399	.457	.546	.611	.681	.701	.746	.805	.872	.910	.910	.910	.910	.910	.910	.910	2000	
2000	.010	.043	.067	.098	.128	.164	.204	.250	.301	.360	.424	.484	.543	.603	.663	.724	.784	.845	.845	.845	.845	.845	.845	.845	2000	
2500	.006	.026	.046	.069	.098	.123	.151	.189	.236	.277	.344	.396	.443	.481	.530	.595	.645	.686	.787	.787	.822	.861	.900	.940	2500	
3000	.004	.020	.031	.049	.067	.097	.114	.134	.171	.203	.256	.300	.336	.371	.414	.454	.516	.563	.626	.676	.730	.779	.816	.850	3000	
3500	.003	.014	.023	.036	.045	.065	.080	.091	.101	.130	.154	.187	.232	.263	.291	.326	.360	.426	.461	.517	.574	.630	.686	.731	3500	
4000	.002	.009	.016	.019	.025	.033	.040	.046	.051	.061	.071	.081	.091	.101	.111	.121	.131	.141	.151	.161	.171	.181	.191	.201	4000	
4500	.002	.003	.006	.009	.010	.013	.016	.018	.021	.024	.027	.030	.033	.036	.039	.042	.045	.048	.051	.054	.057	.060	.063	.066	4500	
5000	.002	.003	.006	.008	.010	.012	.013	.015	.018	.020	.022	.024	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.046	.048	5000	
6000	.001	.005	.012	.019	.023	.028	.035	.041	.046	.051	.056	.061	.066	.073	.078	.081	.085	.088	.091	.094	.096	.098	.099	.099	6000	
7000	.001	.004	.006	.009	.013	.017	.021	.024	.028	.032	.036	.041	.046	.051	.056	.061	.066	.071	.076	.081	.086	.090	.093	.096</		

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RT		Adj VM		CP		P0		P1		P2		P3		P4		P5		P6		P7		P8		P9		P10		P11		P12		P13		P14		P15		P16		P17		P18		P19		P20		P21		P22		P23		P24		P25		P26		P27		P28		P29		P30		P31		P32		P33		P34		P35		P36		P37		P38		P39		P40		P41		P42		P43		P44		P45		P46		P47		P48		P49		P50		P51		P52		P53		P54		P55		P56		P57		P58		P59		P60		P61		P62		P63		P64		P65		P66		P67		P68		P69		P70		P71		P72		P73		P74		P75		P76		P77		P78		P79		P80		P81		P82		P83		P84		P85		P86		P87		P88		P89		P90		P91		P92		P93		P94		P95		P96		P97		P98		P99		P100																																																																																																																																								
RT	1	10	20	40	70	100	140	170	200	260	300	400	600	800	1000	1200	1500	1800	2000	2500	2800	3000	3500	4000	5000	6000	7000	8000	9000	10000	12000	15000	18000	20000	25000	30000	35000	40000	50000	60000	70000	80000	90000	100000	120000	150000	180000	200000	250000	300000	350000	400000	500000	600000	700000	800000	900000	1000000	1200000	1500000	1800000	2000000	2500000	3000000	3500000	4000000	5000000	6000000	7000000	8000000	9000000	10000000	12000000	15000000	18000000	20000000	25000000	30000000	35000000	40000000	50000000	60000000	70000000	80000000	90000000	100000000	120000000	150000000	180000000	200000000	250000000	300000000	350000000	400000000	500000000	600000000	700000000	800000000	900000000	1000000000	1200000000	1500000000	1800000000	2000000000	2500000000	3000000000	3500000000	4000000000	5000000000	6000000000	7000000000	8000000000	9000000000	10000000000	12000000000	15000000000	18000000000	20000000000	25000000000	30000000000	35000000000	40000000000	50000000000	60000000000	70000000000	80000000000	90000000000	100000000000	120000000000	150000000000	180000000000	200000000000	250000000000	300000000000	350000000000	400000000000	500000000000	600000000000	700000000000	800000000000	900000000000	1000000000000	1200000000000	1500000000000	1800000000000	2000000000000	2500000000000	3000000000000	3500000000000	4000000000000	5000000000000	6000000000000	7000000000000	8000000000000	9000000000000	10000000000000	12000000000000	15000000000000	18000000000000	20000000000000	25000000000000	30000000000000	35000000000000	40000000000000	50000000000000	60000000000000	70000000000000	80000000000000	90000000000000	100000000000000	120000000000000	150000000000000	180000000000000	200000000000000	250000000000000	300000000000000	350000000000000	400000000000000	500000000000000	600000000000000	700000000000000	800000000000000	900000000000000	1000000000000000	1200000000000000	1500000000000000	1800000000000000	2000000000000000	2500000000000000	3000000000000000	3500000000000000	4000000000000000	5000000000000000	6000000000000000	7000000000000000	8000000000000000	9000000000000000	10000000000000000	12000000000000000	15000000000000000	18000000000000000	20000000000000000	25000000000000000	30000000000000000	35000000000000000	40000000000000000	50000000000000000	60000000000000000	70000000000000000	80000000000000000	90000000000000000	100000000000000000	120000000000000000	150000000000000000	180000000000000000	200000000000000000	250000000000000000	300000000000000000	350000000000000000	400000000000000000	500000000000000000	600000000000000000	700000000000000000	800000000000000000	900000000000000000	1000000000000000000	1200000000000000000	1500000000000000000	1800000000000000000	2000000000000000000	2500000000000000000	3000000000000000000	3500000000000000000	4000000000000000000	5000000000000000000	6000000000000000000	7000000000000000000	8000000000000000000	9000000000000000000	10000000000000000000	12000000000000000000	15000000000000000000	18000000000000000000	20000000000000000000	25000000000000000000	30000000000000000000	35000000000000000000	40000000000000000000	50000000000000000000	60000000000000000000	70000000000000000000	80000000000000000000	90000000000000000000	100000000000000000000	120000000000000000000	150000000000000000000	180000000000000000000	200000000000000000000	250000000000000000000	300000000000000000000	350000000000000000000	400000000000000000000	500000000000000000000	600000000000000000000	700000000000000000000	800000000000000000000	900000000000000000000	1000000000000000000000	1200000000000000000000	1500000000000000000000	1800000000000000000000	2000000000000000000000	2500000000000000000000	3000000000000000000000	3500000000000000000000	4000000000000000000000	5000000000000000000000	6000000000000000000000	7000000000000000000000	8000000000000000000000	9000000000000000000000	10000000000000000000000	12000000000000000000000	15000000000000000000000	18000000000000000000000	20000000000000000000000	25000000000000000000000	30000000000000000000000	35000000000000000000000	40000000000000000000000	50000000000000000000000	60000000000000000000000	70000000000000000000000	80000000000000000000000	90000000000000000000000	100000000000000000000000	120000000000000000000000	150000000000000000000000	180000000000000000000000	200000000000000000000000	250000000000000000000000	300000000000000000000000	350000000000000000000000	400000000000000000000000	500000000000000000000000	600000000000000000000000	700000000000000000000000	800000000000000000000000	900000000000000000000000	1000000000000000000000000	1200000000000000000000000	1500000000000000000000000	1800000000000000000000000	2000000000000000000000000	2500000000000000000000000	3000000000000000000000000	3500000000000000000000000	4000000000000000000000000	5000000000000000000000000	6000000000000000000000000	7000000000000000000000000	8000000000000000000000000	9000000000000000000000000	10000000000000000000000000	12000000000000000000000000	15000000000000000000000000	18000000000000000000000000	20000000000000000000000000	25000000000000000000000000	30000000000000000000000000	35000000000000000000000000	40000000000000000000000000	50000000000000000000000000	60000000000000000000000000	70000000000000000000000000	80000000000000000000000000	90000000000000000000000000	100000000000000000000000000	120000000000000000000000000	150000000000000000000000000	180000000000000000000000000	2000000000000000

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	1	10	20	50	70	100	150	200	300	400	800	1000	1200	1500	2000	3000	4000	5000	7000	9000	10000	15000
Adj VV	.360	.340	.300	.340	.300	.340	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360	.360
p41	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532	.532
HOB	.84	.190	.239	.301	.409	.457	.486	.515	.539	.646	.742	.817	.860	.938	.1007	.1109	.1195	.1269	.1397	.1505	.1636	.1776
WR	.206	.445	.560	.704	.851	.958	.1072	.1144	.1207	.1362	.1521	.1741	.1926	.2044	.2194	.2343	.2601	.2602	.2777	.2777	.3550	.4256
CFP	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CIP						
200	.502	.532	.577	.600	.636	.669	.693	.731	.753	.777	.800	.815	.833	.853	.871	.887	.892	.899	.909	.916	.924	.930
400	.516	.531	.577	.601	.631	.661	.687	.715	.737	.767	.797	.815	.835	.855	.871	.887	.893	.903	.913	.921	.929	.935
600	.500	.509	.538	.550	.573	.602	.627	.650	.676	.700	.720	.744	.766	.786	.807	.827	.847	.867	.887	.897	.907	.917
800	.075	.190	.242	.306	.522	.562	.577	.578	.580	.581	.582	.583	.584	.585	.586	.587	.587	.587	.587	.587	.587	.587
1000	.079	.127	.153	.205	.863	.454	.527	.570	.607	.686	.739	.804	.877	.905	.944	.967	.977	.987	.991	.991	.991	.991
1200	.020	.090	.139	.210	.287	.307	.311	.351	.485	.575	.600	.729	.787	.826	.850	.871	.875	.885	.895	.895	.895	.895
1400	.015	.067	.104	.160	.222	.271	.325	.360	.390	.473	.534	.627	.682	.739	.776	.818	.864	.897	.916	.924	.932	.940
1600	.011	.052	.081	.125	.175	.216	.262	.291	.319	.393	.469	.537	.602	.652	.700	.736	.767	.806	.830	.857	.872	.880
1800	.009	.041	.065	.100	.162	.179	.215	.229	.262	.327	.379	.460	.522	.572	.615	.664	.707	.747	.787	.813	.840	.860
2000	.007	.034	.053	.082	.117	.138	.179	.200	.219	.276	.322	.396	.454	.502	.553	.618	.675	.707	.735	.762	.792	.818
2500	.005	.022	.036	.054	.077	.096	.118	.138	.167	.186	.222	.279	.326	.365	.401	.486	.507	.537	.558	.588	.607	.627
3000	.003	.015	.026	.038	.054	.066	.079	.095	.105	.135	.181	.203	.232	.271	.302	.340	.354	.377	.394	.413	.432	.450
3500	.002	.011	.018	.021	.030	.040	.050	.063	.071	.079	.102	.121	.158	.185	.211	.236	.265	.281	.299	.316	.334	.350
4000	.002	.009	.013	.021	.031	.039	.048	.055	.061	.075	.095	.122	.145	.185	.211	.236	.261	.281	.291	.309	.329	.348
5000	.001	.005	.009	.014	.020	.025	.031	.036	.039	.053	.062	.060	.076	.110	.124	.142	.158	.193	.205	.205	.216	.226
6000	.001	.004	.006	.010	.016	.018	.019	.022	.025	.028	.036	.048	.058	.068	.070	.078	.088	.101	.121	.139	.155	.166
7000	.001	.003	.004	.007	.010	.013	.016	.020	.027	.032	.039	.046	.052	.060	.065	.073	.075	.081	.087	.092	.098	.100
8000	.002	.003	.005	.006	.008	.012	.016	.021	.031	.036	.046	.056	.062	.068	.073	.078	.087	.090	.097	.100	.102	.104
9000	.001	.002	.003	.003	.005	.006	.008	.009	.010	.016	.021	.025	.033	.036	.046	.053	.059	.071	.082	.092	.103	.106
10000																						
KT																						
Adj VV	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350	.350
p41	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662	.662
HOB	.84	.182	.229	.288	.368	.393	.438	.487	.493	.565	.621	.711	.783	.843	.896	.965	.1068	.1145	.1210	.1339	.1462	.1613
WR	.193	.617	.525	.601	.797	.869	.1004	.1071	.1131	.1295	.1425	.1831	.1795	.1934	.2055	.2214	.2636	.2825	.2799	.3070	.3367	.3699
CFP	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CIP						
200	.010	.10	.20	.40	.70	.100	.180	.270	.200	.300	.400	.600	.800	.1000	.1200	.1500	.2000	.2500	.3000	.4000	.5000	
400	.148	.508	.644	.807	.895	.935	.961	.971	.978	.980	.984	.986	.989	.990	.991	.995	.997	.999	.999	.999	.999	.999
600	.069	.278	.399	.546	.677	.748	.814	.847	.872	.923	.949	.974	.984	.991	.995	.997	.999	.999	.999	.999	.999	.999
800	.060	.189	.253	.366	.479	.555	.630	.677	.716	.795	.864	.905	.953	.965	.976	.986	.996	.999	.999	.999	.999	.999
1000	.026	.112	.171	.236	.364	.414	.486	.527	.563	.653	.716	.793	.850	.883	.907	.931	.956	.977	.996	.999	.999	.999
1200	.018	.080	.123	.167	.259	.313	.373	.411	.446	.531	.595	.687	.743	.798	.828	.868	.902	.927	.946	.964	.975	.985
1400	.013	.092	.112	.168	.263	.323	.375	.434	.493	.582	.643	.740	.814	.876	.937	.972	.997	.999	.999	.999	.999	.999
1600	.010	.046	.071	.110	.150	.195	.236	.286	.335	.409	.494	.558	.608	.649	.719	.759	.803	.853	.890	.916	.936	.950
1800	.006	.016	.027	.049	.063	.069	.074	.084	.090	.095	.097	.098	.108	.129	.149	.165	.186	.223	.253	.290	.327	.350
2000	.006	.030	.046	.073	.103	.120	.158	.196	.207	.230	.290	.359	.414	.460	.499	.536	.583	.625	.674	.714	.754	.786
2500	.004	.019	.030	.067	.088	.105	.118	.181	.167	.198	.250	.284	.308	.363	.406	.465	.513	.554	.599	.639	.672	.703
3000	.003	.013	.021	.048	.060	.075	.093	.120	.143	.183	.216	.245	.272	.307	.337	.367	.404	.444	.484	.524	.564	.603
3500	.002	.006	.010	.015	.035	.044	.055	.063	.069	.074	.090	.108	.138	.164	.183	.209	.238	.271	.313	.351	.385	.424
4000	.002	.007	.012	.019	.027	.036	.043	.054	.060	.070	.086	.108	.129	.149	.165	.186	.223	.253	.290	.327	.360	.390
5000	.001	.005	.008	.012	.017	.022	.030	.035	.045	.054	.071	.085	.096	.110	.126	.141	.172	.202	.232	.262	.292	.322
6000	.001	.008	.008	.016	.012	.015	.019	.022	.024	.032	.038	.050	.060	.069	.078	.086	.107	.123	.138	.148	.167	.187
7000	.001	.002	.006	.009	.011	.014	.016	.018	.023	.028	.037	.044	.051	.068	.087	.098	.103	.109	.123	.126	.137	.140
8000	.002	.002	.004	.005	.007	.009	.012	.014	.016	.022	.028	.034	.040	.045	.051	.062	.071	.080	.094	.106	.116	.126
9000	.001	.002	.003	.006	.006	.007	.009	.010	.014	.016	.019	.022	.027	.031	.035	.041	.049	.057	.064	.077	.089	.099
10000	.001	.002	.003	.003	.006	.006	.007	.009	.012	.014	.018	.022	.026	.029	.033	.040	.046	.052	.063	.073	.080	.090

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38P1 **38P2**

38P3

Adj. W		1	10	20	40	70	100	140	170	200	300	400	500	600	800	1000	1200	1600	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj. W	91.2	39.5	38.0	37.6	37.3	37.2	37.1	37.0	36.9	36.8	36.7	36.6	36.5	36.4	36.3	36.2	36.1	36.0	36.4	36.1	36.0	36.3	36.3	36.4	36.4	36.4	Adj. W
pe1	2007	1254	1103	1024	988	955	924	917	914	904	900	899	899	899	899	899	899	899	899	899	899	899	899	899	899	899	pe1
pe2	89	159	204	261	317	359	404	437	523	579	605	734	792	863	909	1092	1149	1249	1349	1364	1380	1605	1605	1605	1605	1605	pe2
ur	129	392	559	694	779	877	940	975	1149	1269	1462	1913	1705	1859	2006	2226	2390	2543	2805	3027	3393	361	361	361	361	361	ur
CF	P0	CF																									
CDF	P0	CDF																									
200	.204	.809	.923	.977	.993	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	200
400	.069	.388	.531	.631	.704	.825	.865	.928	.967	.990	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	400
600	.042	.276	.456	.556	.636	.716	.776	.826	.876	.916	.946	.976	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	600
800	.019	.111	.180	.260	.336	.403	.462	.512	.556	.600	.640	.676	.710	.740	.766	.790	.810	.830	.850	.870	.890	.910	.930	.950	.970	.990	800
1000	.011	.073	.120	.191	.271	.336	.400	.462	.519	.579	.631	.682	.731	.780	.823	.863	.903	.943	.982	.995	.995	.995	.995	.995	.995	.995	1000
1200	.009	.051	.085	.139	.189	.229	.292	.337	.368	.403	.433	.459	.482	.510	.530	.550	.570	.590	.610	.630	.650	.670	.690	.710	.730	.750	1200
1400	.008	.039	.063	.108	.151	.190	.236	.263	.286	.306	.326	.346	.366	.386	.406	.426	.446	.466	.486	.506	.526	.546	.566	.586	.606	.626	1400
1600	.006	.023	.039	.064	.095	.120	.150	.176	.196	.216	.236	.256	.276	.296	.316	.336	.356	.376	.396	.416	.436	.456	.476	.496	.516	.536	1600
1800	.003	.018	.032	.052	.077	.099	.120	.140	.160	.180	.200	.220	.240	.260	.280	.300	.320	.340	.360	.380	.400	.420	.440	.460	.480	.500	1800
2000	.003	.010	.019	.032	.052	.077	.099	.120	.140	.160	.180	.200	.220	.240	.260	.280	.300	.320	.340	.360	.380	.400	.420	.440	.460	.480	2000
2500	.002	.006	.010	.016	.024	.036	.045	.055	.065	.075	.085	.095	.105	.115	.125	.135	.145	.155	.165	.175	.185	.195	.205	.215	.225	.235	2500
3000	.001	.003	.006	.010	.017	.026	.034	.042	.050	.059	.067	.075	.083	.091	.099	.107	.115	.123	.131	.139	.147	.155	.163	.171	.179	.187	3000
4000	.001	.003	.006	.013	.020	.028	.036	.043	.050	.059	.067	.075	.083	.091	.099	.107	.115	.123	.131	.139	.147	.155	.163	.171	.179	.187	4000
5000	.001	.003	.006	.013	.021	.028	.036	.043	.050	.059	.067	.075	.083	.091	.099	.107	.115	.123	.131	.139	.147	.155	.163	.171	.179	.187	5000
6000	.001	.002	.004	.010	.017	.024	.031	.038	.045	.052	.059	.066	.073	.080	.087	.094	.101	.108	.115	.122	.129	.136	.143	.150	.157	.164	6000
8000	.001	.002	.003	.005	.007	.009	.010	.011	.012	.013	.014	.015	.016	.017	.018	.019	.020	.021	.022	.023	.024	.025	.026	.027	.028	.029	8000
10000	.001	.001	.002	.003	.004	.005	.006	.007	.008	.009	.010	.011	.012	.013	.014	.015	.016	.017	.018	.019	.020	.021	.022	.023	.024	.025	10000

38P5

Adj. W		1	10	20	40	70	100	140	170	200	300	400	500	600	800	1000	1200	1600	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj. W	83.5	36.0	37.2	36.7	36.5	36.2	36.1	36.0	35.9	35.8	35.7	35.6	35.5	35.4	35.3	35.2	35.1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	Adj. W	
pe1	3167	1357	1103	906	863	827	809	795	782	772	762	752	742	732	722	712	702	692	682	672	662	652	642	632	622	612	pe1	
pe2	62	157	206	326	529	571	607	647	677	707	737	767	807	847	887	927	967	1007	1047	1087	1127	1167	1207	1247	1287	1327	1367	pe2
ur	131	322	492	727	829	919	1060	1221	1369	1567	1757	1957	2157	2357	2557	2757	2957	3157	3357	3557	3757	3957	4157	4357	4557	4757	ur	
CF	P0	P0	CF																									
CDF	P0	P0	CDF																									
200	.164	.793	.923	.960	.994	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	200	
400	.031	.332	.531	.719	.863	.903	.959	.970	.977	.983	.987	.993	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	400	
600	.013	.179	.266	.350	.456	.521	.596	.650	.700	.742	.782	.822	.862	.902	.932	.962	.992	.995	.997	.997	.997	.997	.997	.997	.997	.997	600	
800	.013	.165	.251	.345	.437	.507	.570	.626	.676	.726	.776	.826	.876	.916	.956	.996	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	800	
1000	.009	.102	.192	.282	.372	.457	.537	.607	.677	.747	.817	.887	.957	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1000	
1200	.006	.095	.185	.275	.365	.445	.525	.605	.675	.745	.815	.885	.955	.995	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1200	
1400	.004	.083	.172	.262	.352	.432	.512	.592	.662	.732	.802	.872	.942	.992	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1400	
1600	.003	.072	.160	.248	.337	.417	.497	.577	.647	.717	.787	.857	.927	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1600	
1800	.003	.062	.149	.237	.325	.405	.485	.565	.635	.705	.775	.845	.915	.985	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1800	
2000	.002	.051	.138	.226	.314	.394	.474	.554	.624	.694	.764	.834	.904	.974	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	2000	
2500	.001	.011	.020	.035	.050	.065	.080	.095	.110	.125	.140	.155	.170	.185	.190	.195	.200	.205	.210	.215	.220	.225	.230	.235	.240	.245	2500	
3000	.001	.002	.003	.004	.005	.006	.007	.008	.009	.010	.011	.012	.013	.014	.015	.016	.017	.018	.019	.020	.021	.022	.023	.024</td				

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RT Adj Vn	41.0	40.0	39.0	38.0	37.0	36.0	35.0	34.0	33.0	32.0	31.0	30.0	29.0	28.0	27.0	26.0	25.0	24.0	23.0	22.0	21.0	20.0	19.0	18.0	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	0.0	-1.0	-2.0	-3.0	-4.0	-5.0	-6.0	-7.0	-8.0	-9.0	-10.0	-11.0	-12.0	-13.0	-14.0	-15.0	-16.0	-17.0	-18.0	-19.0	-20.0	-21.0	-22.0	-23.0	-24.0	-25.0	-26.0	-27.0	-28.0	-29.0	-30.0	-31.0	-32.0	-33.0	-34.0	-35.0	-36.0	-37.0	-38.0	-39.0	-40.0	-41.0	-42.0	-43.0	-44.0	-45.0	-46.0	-47.0	-48.0	-49.0	-50.0	-51.0	-52.0	-53.0	-54.0	-55.0	-56.0	-57.0	-58.0	-59.0	-60.0	-61.0	-62.0	-63.0	-64.0	-65.0	-66.0	-67.0	-68.0	-69.0	-70.0	-71.0	-72.0	-73.0	-74.0	-75.0	-76.0	-77.0	-78.0	-79.0	-80.0	-81.0	-82.0	-83.0	-84.0	-85.0	-86.0	-87.0	-88.0	-89.0	-90.0	-91.0	-92.0	-93.0	-94.0	-95.0	-96.0	-97.0	-98.0	-99.0	-100.0	-101.0	-102.0	-103.0	-104.0	-105.0	-106.0	-107.0	-108.0	-109.0	-110.0	-111.0	-112.0	-113.0	-114.0	-115.0	-116.0	-117.0	-118.0	-119.0	-120.0	-121.0	-122.0	-123.0	-124.0	-125.0	-126.0	-127.0	-128.0	-129.0	-130.0	-131.0	-132.0	-133.0	-134.0	-135.0	-136.0	-137.0	-138.0	-139.0	-140.0	-141.0	-142.0	-143.0	-144.0	-145.0	-146.0	-147.0	-148.0	-149.0	-150.0	-151.0	-152.0	-153.0	-154.0	-155.0	-156.0	-157.0	-158.0	-159.0	-160.0	-161.0	-162.0	-163.0	-164.0	-165.0	-166.0	-167.0	-168.0	-169.0	-170.0	-171.0	-172.0	-173.0	-174.0	-175.0	-176.0	-177.0	-178.0	-179.0	-180.0	-181.0	-182.0	-183.0	-184.0	-185.0	-186.0	-187.0	-188.0	-189.0	-190.0	-191.0	-192.0	-193.0	-194.0	-195.0	-196.0	-197.0	-198.0	-199.0	-200.0	-201.0	-202.0	-203.0	-204.0	-205.0	-206.0	-207.0	-208.0	-209.0	-210.0	-211.0	-212.0	-213.0	-214.0	-215.0	-216.0	-217.0	-218.0	-219.0	-220.0	-221.0	-222.0	-223.0	-224.0	-225.0	-226.0	-227.0	-228.0	-229.0	-230.0	-231.0	-232.0	-233.0	-234.0	-235.0	-236.0	-237.0	-238.0	-239.0	-240.0	-241.0	-242.0	-243.0	-244.0	-245.0	-246.0	-247.0	-248.0	-249.0	-250.0	-251.0	-252.0	-253.0	-254.0	-255.0	-256.0	-257.0	-258.0	-259.0	-260.0	-261.0	-262.0	-263.0	-264.0	-265.0	-266.0	-267.0	-268.0	-269.0	-270.0	-271.0	-272.0	-273.0	-274.0	-275.0	-276.0	-277.0	-278.0	-279.0	-280.0	-281.0	-282.0	-283.0	-284.0	-285.0	-286.0	-287.0	-288.0	-289.0	-290.0	-291.0	-292.0	-293.0	-294.0	-295.0	-296.0	-297.0	-298.0	-299.0	-300.0	-301.0	-302.0	-303.0	-304.0	-305.0	-306.0	-307.0	-308.0	-309.0	-310.0	-311.0	-312.0	-313.0	-314.0	-315.0	-316.0	-317.0	-318.0	-319.0	-320.0	-321.0	-322.0	-323.0	-324.0	-325.0	-326.0	-327.0	-328.0	-329.0	-330.0	-331.0	-332.0	-333.0	-334.0	-335.0	-336.0	-337.0	-338.0	-339.0	-340.0	-341.0	-342.0	-343.0	-344.0	-345.0	-346.0	-347.0	-348.0	-349.0	-350.0	-351.0	-352.0	-353.0	-354.0	-355.0	-356.0	-357.0	-358.0	-359.0	-360.0	-361.0	-362.0	-363.0	-364.0	-365.0	-366.0	-367.0	-368.0	-369.0	-370.0	-371.0	-372.0	-373.0	-374.0	-375.0	-376.0	-377.0	-378.0	-379.0	-380.0	-381.0	-382.0	-383.0	-384.0	-385.0	-386.0	-387.0	-388.0	-389.0	-390.0	-391.0	-392.0	-393.0	-394.0	-395.0	-396.0	-397.0	-398.0	-399.0	-400.0	-401.0	-402.0	-403.0	-404.0	-405.0	-406.0	-407.0	-408.0	-409.0	-410.0	-411.0	-412.0	-413.0	-414.0	-415.0	-416.0	-417.0	-418.0	-419.0	-420.0	-421.0	-422.0	-423.0	-424.0	-425.0	-426.0	-427.0	-428.0	-429.0	-430.0	-431.0	-432.0	-433.0	-434.0	-435.0	-436.0	-437.0	-438.0	-439.0	-440.0	-441.0	-442.0	-443.0	-444.0	-445.0	-446.0	-447.0	-448.0	-449.0	-450.0	-451.0	-452.0	-453.0	-454.0	-455.0	-456.0	-457.0	-458.0	-459.0	-460.0	-461.0	-462.0	-463.0	-464.0	-465.0	-466.0	-467.0	-468.0	-469.0	-470.0	-471.0	-472.0	-473.0	-474.0	-475.0	-476.0	-477.0	-478.0	-479.0	-480.0	-481.0	-482.0	-483.0	-484.0	-485.0	-486.0	-487.0	-488.0	-489.0	-490.0	-491.0	-492.0	-493.0	-494.0	-495.0	-496.0	-497.0	-498.0	-499.0	-500.0	-501.0	-502.0	-503.0	-504.0	-505.0	-506.0	-507.0	-508.0	-509.0	-510.0	-511.0	-512.0	-513.0	-514.0	-515.0	-516.0	-517.0	-518.0	-519.0	-520.0	-521.0	-522.0	-523.0	-524.0	-525.0	-526.0	-527.0	-528.0	-529.0	-530.0	-531.0	-532.0	-533.0	-534.0	-535.0	-536.0	-537.0	-538.0	-539.0	-540.0	-541.0	-542.0	-543.0	-544.0	-545.0	-546.0	-547.0	-548.0	-549.0	-550.0	-551.0	-552.0	-553.0	-554.0	-555.0	-556.0	-557.0	-558.0	-559.0	-560.0	-561.0	-562.0	-563.0	-564.0	-565.0	-566.0	-567.0	-568.0	-569.0	-570.0	-571.0	-572.0	-573.0	-574.0	-575.0	-576.0	-577.0	-578.0	-579.0	-580.0	-581.0	-582.0	-583.0	-584.0	-585.0	-586.0	-587.0	-588.0	-589.0	-590.0	-591.0	-592.0	-593.0	-594.0	-595.0	-596.0	-597.0	-598.0	-599.0	-600.0	-601.0	-602.0	-603.0	-604.0	-605.0	-606.0	-607.0	-608.0	-609.0	-610.0	-611.0	-612.0	-613.0	-614.0	-615.0	-616.0	-617.0	-618.0	-619.0	-620.0	-621.0	-622.0	-623.0	-624.0	-625.0	-626.0	-627.0	-628.0	-629.0	-630.0	-631.0	-632.0	-633.0	-634.0	-635.0	-636.0	-637.0	-638.0	-639.0	-640.0	-641.0	-642.0	-643.0	-644.0	-645.0	-646.0	-647.0	-648.0	-649.0	-650.0	-651.0	-652.0	-653.0	-654.0	-655.0	-656.0	-657.0	-658.0	-659.0	-660.0	-661.0	-662.0	-663.0	-664.0	-665.0	-666.0	-667.0	-668.0	-669.0	-670.0	-671.0	-672.0	-673.0	-674.0	-675.0	-676.0	-677.0	-678.0	-679.0	-680.0	-681.0	-682.0	-683.0	-684.0	-685.0	-686.0	-687.0	-688.0	-689.0	-690.0	-691.0	-692.0	-693.0	-694.0	-695.0	-696.0	-697.0	-698.0	-699.0	-700.0	-701.0	-702.0	-703.0	-704.0	-705.0	-706.0	-707.0	-708.0	-709.0	-710.0	-711.0	-712.0	-713.0	-714.0	-715.0	-716.0	-717.0	-718.0	-719.0	-720.0	-721.0	-722.0	-723.0	-724.0	-725.0	-726.0	-727.0	-728.0	-729.0	-730.0	-731.0	-732.0	-733.0	-734.0	-735.0	-736.0	-737.0	-738.0	-739.0	-740.0	-741.0	-742.0	-743.0	-744.0	-745.0	-746.0	-747.0	-748.0	-749.0	-750.0	-751.0	-752.0	-753.0	-754.0	-755.0	-756.0	-757.0	-758.0	-759.0	-760.0</

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NT	1	10	20	40	70	100	140	200	300	400	600	1000	1200	1500	2000	2500	3000	4000	5000	7000	8000	12000	17	
Adj	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	Adj	
pe1	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	2869	pe1	
H03	64	138	174	219	264	297	332	354	376	471	540	594	640	690	732	804	864	923	1018	1094	1226	1393	1485	H03
VR	115	247	311	392	473	532	596	635	671	766	845	967	1065	1147	1216	1312	1445	1557	1621	1801	2194	2306	2636	VR
CEP	PD	CEP																						
200	.201	.623	.773	.898	.971	.986	.992	.996	.998	.998	.998	.998	.998	.998	.998	.998	.998	.998	.998	.998	.998	.998	200	
400	.055	.228	.334	.469	.593	.673	.746	.807	.855	.897	.917	.930	.946	.953	.961	.969	.977	.985	.995	.995	.995	.995	400	
600	.025	.110	.168	.251	.360	.407	.477	.519	.555	.647	.710	.783	.864	.876	.903	.927	.952	.967	.975	.985	.995	.995	600	
800	.009	.099	.152	.211	.259	.311	.365	.405	.455	.517	.603	.673	.722	.760	.803	.853	.886	.916	.946	.975	.985	.995	800	
1000	.009	.064	.100	.162	.214	.254	.299	.327	.379	.461	.523	.575	.614	.664	.727	.773	.807	.854	.897	.925	.954	.985	1000	
1200	.006	.029	.065	.071	.101	.126	.155	.176	.182	.202	.206	.235	.247	.453	.462	.541	.606	.656	.696	.757	.801	.856	1200	
1400	.005	.021	.034	.053	.076	.095	.117	.132	.143	.165	.216	.236	.276	.322	.365	.396	.441	.502	.552	.593	.634	.677	1400	
1600	.004	.016	.026	.041	.058	.073	.091	.103	.116	.140	.173	.220	.259	.293	.323	.362	.416	.464	.503	.547	.583	.623	1600	
1800	.003	.013	.020	.032	.047	.056	.073	.092	.091	.117	.140	.179	.212	.241	.287	.320	.350	.392	.446	.536	.571	.610	1800	
2000	.002	.011	.017	.026	.038	.059	.067	.073	.093	.113	.148	.176	.201	.223	.253	.297	.336	.387	.423	.469	.504	.549	2000	
2500	.001	.007	.011	.017	.024	.031	.036	.046	.056	.063	.076	.086	.117	.130	.150	.172	.203	.231	.256	.280	.316	.345	2500	
3000	.001	.005	.007	.012	.017	.022	.027	.031	.036	.046	.053	.063	.076	.083	.093	.107	.123	.147	.168	.187	.211	.231	3000	
3500	.001	.003	.005	.013	.018	.020	.023	.025	.030	.036	.041	.051	.062	.071	.080	.092	.110	.127	.142	.169	.193	.216	3500	
4000	.001	.003	.005	.012	.015	.017	.018	.025	.030	.035	.040	.046	.055	.062	.072	.086	.106	.111	.132	.152	.176	.196	4000	
5000	.002	.003	.004	.010	.011	.012	.016	.020	.026	.031	.036	.040	.047	.054	.065	.073	.087	.100	.120	.144	.177	.200	5000	
6000	.001	.002	.003	.004	.005	.007	.008	.009	.011	.014	.016	.018	.020	.022	.026	.028	.031	.036	.042	.047	.057	.067	6000	
7000	.001	.001	.002	.003	.004	.005	.006	.007	.008	.009	.010	.011	.012	.013	.015	.018	.020	.023	.028	.032	.037	.042	7000	
8000	.001	.001	.002	.003	.004	.005	.006	.007	.008	.009	.010	.011	.012	.013	.015	.018	.020	.023	.028	.032	.037	.042	8000	
9000	.001	.001	.002	.003	.004	.005	.006	.007	.008	.009	.010	.011	.012	.013	.015	.018	.020	.023	.028	.032	.037	.042	9000	
10000	.001	.001	.002	.003	.004	.005	.006	.007	.008	.009	.010	.011	.012	.013	.015	.018	.020	.023	.028	.032	.037	.042	10000	

Adj

pe1

H03

VR

CEP

200

400

600

1000

1200

1400

1600

1800

2000

3000

3500

4000

5000

6000

7000

8000

9000

10000

45P8

NT	1	10	20	40	70	100	140	200	300	400	600	1000	1200	1500	2000	2500	3000	4000	5000	7000	8000	12000	17	
Adj	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	.43.0	Adj	
pe1	20330	5685	9102	3078	2514	2027	1922	1862	1760	1586	1494	1377	1326	1291	1250	1171	1147	1113	1079	1036	1016	1016	pe1	
H03	59	126	164	216	269	309	351	378	402	469	522	606	673	750	804	937	1015	1093	1199	1265	1360	1584	H03	
VR	58	193	273	392	494	560	673	732	766	845	1047	1233	1381	1505	1616	1763	1937	2160	2261	2349	2764	3130	3626	VR
CEP	PD	PD	CEP																					
200	.053	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	.45.6	200	
400	.014	.147	.270	.451	.620	.866	.916	.956	.986	.996	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	400
600	.006	.069	.132	.260	.365	.460	.557	.618	.661	.770	.895	.907	.908	.908	.908	.908	.908	.908	.908	.908	.908	.908	.908	600
1000	.002	.023	.050	.085	.154	.205	.304	.393	.435	.526	.620	.726	.782	.830	.875	.901	.937	.957	.972	.980	.984	.988	.992	1000
1200	.002	.018	.035	.067	.110	.148	.193	.223	.251	.321	.397	.493	.575	.636	.717	.802	.867	.916	.956	.982	.997	.997	.997	1200
1400	.001	.013	.026	.050	.082	.111	.146	.170	.212	.252	.320	.392	.464	.536	.620	.716	.792	.851	.901	.957	.982	.997	.997	1400
1600	.001	.010	.020	.039	.064	.087	.114	.133	.152	.205	.265	.327	.397	.464	.536	.620	.716	.792	.851	.901	.957	.982	.997	1600
1800	.001	.006	.016	.026	.051	.069	.092	.107	.127	.157	.205	.272	.327	.397	.464	.536	.620	.716	.792	.851	.901	.957	.982	1800
2000	.004	.006	.014	.025	.041	.056	.071	.088	.100	.119	.137	.177	.227	.275	.317	.397	.464	.536	.620	.716	.792	.851	.901	2000
3000	.002	.003	.004	.005	.006	.007	.008	.012	.015	.017	.024	.037	.048	.060	.072	.083	.094	.095	.096	.097	.098	.099	.099	3000
3500	.001	.002	.003	.004	.005	.006	.007	.009	.012	.015	.017	.024	.037	.048	.060	.072	.083	.094	.095	.096	.097	.098	.099	3500
4000	.001	.001	.002	.003	.004	.005	.006	.007	.009	.012	.015	.017	.024	.037	.048	.060	.072	.083	.094	.095	.096	.097	.098	4000
5000	.001	.001	.002	.003	.004	.005	.006	.007	.009	.012	.015	.017	.024	.037	.048	.060	.072	.083	.094	.095	.096	.097	.098	5000
6000	.001	.001	.002	.003	.004	.005	.006	.007	.009	.012	.015	.017	.024	.037	.048	.060	.072	.083	.094	.095	.096	.097	.098	6000
7000	.001	.001	.002	.003	.004	.005	.006	.007	.009	.012	.015	.017	.024	.037	.048	.060	.072	.083	.094	.095	.096</td			

46P0

47 P 0

49P0

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51P0

	RT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	RT	
Adj VM	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	Adj VM	
Pe1	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	12246	Pe1	
Pe2	52	112	142	171	215	242	271	305	339	365	390	415	440	465	490	515	540	565	590	615	640	665	690	715	740	765	Pe2
Wk	88	147	185	233	280	316	353	377	390	435	501	574	632	660	723	779	957	923	981	1050	1163	1302	1315	1359	1359	Wk	
CP7	PD	CP7																									
200	.077	.303	.491	.582	.707	.781	.842	.872	.895	.939	.960	.980	.999	.992	.995	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	200
500	.020	.089	.136	.206	.282	.351	.404	.444	.478	.568	.633	.722	.781	.822	.859	.886	.921	.962	.959	.973	.982	.990	.994	.996	.997	.997	500
1000	.005	.029	.056	.081	.109	.139	.172	.210	.235	.257	.371	.372	.453	.515	.565	.606	.654	.719	.756	.811	.853	.871	.893	.903	.917	.927	1000
2000	.002	.010	.016	.028	.037	.047	.059	.066	.073	.079	.094	.113	.145	.172	.197	.219	.246	.291	.329	.360	.391	.462	.535	.591	.656	.720	2000
5000	.001	.003	.012	.019	.027	.035	.043	.049	.054	.062	.070	.086	.109	.130	.149	.167	.190	.225	.255	.285	.300	.359	.405	.446	.480	.510	5000
10000	.001	.005	.007	.017	.021	.026	.030	.033	.039	.043	.052	.063	.065	.082	.094	.105	.121	.144	.183	.217	.244	.287	.339	.392	.460	.500	10000
20000	.001	.004	.006	.014	.018	.024	.028	.034	.038	.043	.053	.062	.071	.081	.093	.103	.113	.136	.152	.180	.206	.249	.287	.334	.395	.460	20000
50000	.001	.002	.005	.012	.019	.027	.035	.043	.051	.060	.069	.077	.086	.095	.103	.113	.121	.131	.150	.179	.205	.225	.255	.285	.314	.344	50000
100000	.001	.001	.003	.009	.015	.021	.027	.033	.039	.045	.052	.060	.065	.072	.080	.087	.094	.102	.117	.131	.150	.179	.205	.225	.255	.285	100000
200000	.001	.001	.001	.003	.007	.017	.021	.026	.030	.035	.040	.045	.050	.055	.060	.065	.070	.075	.080	.085	.090	.095	.100	.105	.110	.115	200000
500000	.001	.001	.001	.001	.003	.007	.017	.021	.026	.030	.035	.040	.045	.050	.055	.060	.065	.070	.075	.080	.085	.090	.095	.100	.105	.110	500000
1000000	.001	.001	.001	.001	.003	.007	.017	.021	.026	.030	.035	.040	.045	.050	.055	.060	.065	.070	.075	.080	.085	.090	.095	.100	.105	.110	1000000
IT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	IT		
Adj VM	57.7	52.2	51.0	50.0	49.3	49.0	46.7	49.5	49.4	49.1	48.1	47.9	47.5	47.4	47.3	47.2	47.1	47.0	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	Adj VM
Pe1	41882	15207	12246	10232	9065	6876	5006	7768	7586	7192	6939	6842	61451	6335	6260	6133	5009	5922	5858	5781	5695	5605	5595	5595	5595	5595	Pe1
Pe2	49	110	142	171	215	242	271	305	339	365	414	444	476	526	569	605	654	722	774	829	914	1108	1205	1329	1329	Pe2	
Wk	44	136	163	203	312	360	411	444	472	551	614	714	794	862	911	959	1106	1198	1271	1415	1531	1722	1980	2077	2077	Wk	
CP7	PD	CP7																									
200	.919	.267	.431	.626	.774	.851	.907	.931	.948	.975	.986	.994	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	200
500	.004	.015	.023	.030	.036	.043	.051	.058	.065	.072	.079	.086	.093	.099	.105	.111	.117	.123	.129	.135	.141	.147	.153	.159	.165	.171	500
1000	.002	.010	.016	.023	.030	.036	.043	.050	.058	.065	.072	.079	.086	.093	.099	.105	.111	.117	.123	.129	.135	.141	.147	.153	.159	.165	1000
2000	.001	.009	.018	.026	.033	.040	.047	.054	.061	.068	.075	.082	.089	.096	.102	.108	.114	.120	.126	.132	.138	.144	.150	.156	.162	.168	2000
5000	.001	.008	.017	.025	.033	.040	.048	.055	.062	.069	.076	.083	.090	.097	.103	.109	.115	.121	.127	.133	.139	.145	.151	.157	.163	.169	5000
10000	.001	.007	.016	.024	.032	.040	.048	.055	.063	.070	.077	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	10000
20000	.001	.006	.015	.023	.031	.039	.047	.055	.063	.070	.077	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	20000
50000	.001	.005	.014	.022	.030	.038	.046	.054	.062	.070	.077	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	50000
100000	.001	.004	.013	.021	.029	.037	.045	.053	.061	.069	.076	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	100000
IT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	IT		
Adj VM	57.7	52.2	51.0	50.0	49.3	49.0	46.7	49.5	49.4	49.1	48.1	47.9	47.5	47.4	47.3	47.2	47.1	47.0	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	Adj VM
Pe1	41882	15207	12246	10232	9065	6876	5006	7768	7586	7192	6939	6842	61451	6335	6260	6133	5009	5922	5858	5781	5695	5605	5595	5595	5595	5595	Pe1
Pe2	49	110	142	171	215	242	271	305	339	365	414	444	476	526	569	605	654	722	774	829	914	1108	1205	1329	1329	Pe2	
Wk	44	136	163	203	312	360	411	444	472	551	614	714	794	862	911	959	1106	1198	1271	1415	1531	1722	1980	2077	2077	Wk	
CP7	PD	CP7																									
200	.919	.267	.431	.626	.774	.851	.907	.931	.948	.975	.986	.994	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	200
500	.004	.015	.023	.030	.036	.043	.051	.058	.065	.072	.079	.086	.093	.099	.105	.111	.117	.123	.129	.135	.141	.147	.153	.159	.165	.171	500
1000	.002	.010	.016	.023	.030	.036	.043	.050	.058	.065	.072	.079	.086	.093	.099	.105	.111	.117	.123	.129	.135	.141	.147	.153	.159	.165	1000
2000	.001	.009	.018	.026	.033	.040	.048	.055	.063	.070	.077	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	2000
5000	.001	.008	.017	.025	.032	.039	.047	.055	.063	.070	.077	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	5000
10000	.001	.007	.016	.024	.031	.038	.046	.054	.062	.069	.076	.084	.091	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	10000
20000	.001	.006	.015	.023	.030	.037	.045	.053	.061	.068	.075	.083	.090	.098	.104	.110	.116	.122	.128	.134	.140	.146	.152	.158	.164	.170	

607

707

607

7Q7

806

906

306

906

10Q4

10Q5

1004

1005

10Q 6

10Q7

10Q 6

10Q8

11Q6

Adj Vw		1.0	2.0	4.0	7.0	100	140	170	200	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	15000	RT	
pe1	pe2	.134	.10.7	.10.0	.9.3	.8.9	.8.6	.8.3	.8.2	.8.1	.7.8	.7.8	.7.4	.7.3	.7.1	.7.0	.6.9	.6.9	.6.7	.6.6	.6.5	.6.4	.6.3	.6.1	Adj Vw	
pe3	pe4	.351	.1935	.1973	.2859	.3709	.4177	.4677	.4936	.5263	.6025	.6431	.7591	.8355	.9000	.10302	.11339	.12280	.13990	.15721	.20865	.H03	.H03	.H03	.H03	pe1
pe5	pe6	.3184	.6316	.6738	.8484	.12168	.11876	.12686	.13585	.16087	.18105	.21334	.23224	.26133	.28024	.30601	.36136	.37233	.38887	.44458	.48215	.54720	.60004	.65636	pe2	
C27	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	C27		
200	.969	.976	.975	.975	.975	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	200	
400	.972	.974	.975	.975	.975	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	400	
600	.971	.973	.975	.975	.975	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	600	
1000	.977	.977	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	1000	
1200	.962	.965	.965	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	.966	1200	
1400	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	1400	
1600	.971	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	.970	1600	
1800	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	.971	1800	
2000	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	.972	2000	
2500	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	2500	
3000	.977	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	3000	
3500	.977	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	.976	3500	
5000	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	5000	
5000	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	5000	
5000	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	5000	
5000	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	.977	5000	
6000	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	6000	
7000	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	7000	
8000	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	8000	
9000	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	9000	
10000	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	.978	10000	
pe5	pe6	.3128	.3212	.4320	.5701	.7226	.8322	.9433	.10235	.10986	.12717	.16172	.16483	.16220	.19886	.21255	.20046	.25563	.27489	.29550	.32730	.35916	.39957	.43554	.46129	W
C27	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	P7	C27		
200	.998	.997	.996	.995	.994	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200	
400	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	400	
600	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	600	
1000	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	1000	
1200	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	1200	
1600	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	1600	
1800	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	1800	
2000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	2000	
2500	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	2500	
3000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	3000	
3500	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	3500	
4000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	4000	
5000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	5000	
6000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	6000	
7000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	7000	
8000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	8000	
9000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	9000	
10000	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	10000	

10Q8

11Q6

1197

11Q 9

11Q7

11Q9

1297

1207

12Q9

13Q6

12Q9

13Q6

13Q7

RT		W		Adj W		Adj V		pe i		pe s		Hos		WR		C2P	
RT	W	W	V	W	V	W	V	pe i	pe s	pe s	Hos	WR	WR	C2P	CP	CP	CP
13.6	13.0	12.5	12.1	11.8	11.5	11.5	11.3	11.1	11.0	10.9	10.8	10.5	10.5	10.3	10.2	10.2	Adj V
10.0	9.7	9.4	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.1	9.1	9.1	9.1
8.0	7.7	7.4	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.1	7.1	7.1
6.0	5.7	5.4	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1
4.0	3.7	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1
2.0	1.7	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
0.0	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.7	-0.8	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
200	.979	.995	.996	.996	.995	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996
400	.869	.990	.993	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995
600	.678	.977	.988	.992	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995
800	.503	.950	.978	.988	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995
1000	.374	.907	.961	.981	.988	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995
1200	.284	.851	.935	.971	.984	.988	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995
1400	.221	.785	.900	.957	.977	.983	.987	.989	.990	.992	.993	.994	.995	.995	.995	.995	.995
1600	.176	.716	.859	.937	.967	.977	.983	.986	.988	.990	.992	.993	.994	.995	.995	.995	.995
1800	.142	.648	.912	.913	.935	.970	.978	.982	.984	.988	.990	.992	.993	.994	.995	.995	.995
2000	.118	.584	.767	.884	.939	.960	.972	.977	.980	.986	.989	.991	.992	.993	.994	.995	.995
2500	.078	.448	.636	.799	.838	.925	.949	.959	.965	.977	.982	.987	.989	.991	.992	.993	.994
3000	.055	.347	.525	.706	.823	.878	.916	.932	.943	.953	.963	.973	.981	.985	.989	.993	.995
3500	.041	.274	.433	.633	.750	.872	.913	.944	.959	.973	.979	.983	.987	.990	.992	.994	.995
4000	.031	.220	.550	.533	.676	.822	.853	.876	.916	.941	.962	.971	.987	.990	.993	.995	.996
5000	.020	.149	.254	.401	.531	.632	.712	.754	.786	.854	.891	.929	.938	.965	.972	.979	.987
6000	.014	.07	.187	.307	.432	.520	.506	.652	.690	.776	.827	.883	.913	.953	.955	.966	.977
7000	.010	.06	.142	.246	.347	.428	.510	.558	.598	.694	.755	.828	.869	.935	.959	.966	.985
8000	.008	.062	.111	.233	.335	.430	.516	.576	.614	.766	.818	.875	.900	.925	.940	.963	.980
9000	.006	.050	.090	.155	.227	.365	.408	.445	.520	.611	.704	.752	.803	.846	.897	.918	.946
10000	.005	.040	.073	.129	.231	.312	.351	.386	.478	.546	.642	.706	.752	.808	.890	.931	.961

13Q8

		CEP												CP											
		PD						PD						PD						PD					
		PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD
pe1	.12	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115
HO8	.276	.721	.1031	.1494	.1986	.2302	.2819	.3102	.3357	.4075	.4660	.5607	.6373	.7028	.7603	.8363	.9459	.10353	.11156	.12533	.13701	.15543	.17246	.19263	.HO8
WR	.837	.216	.3339	.4579	.5876	.6866	.7936	.8620	.9229	.10932	.12304	.14498	.16261	.17759	.19071	.20600	.23237	.25303	.27113	.30211	.32833	.37186	.40778	.45284	WR
CEP																									
200	.978	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996
400	.860	.989	.993	.995	.995	.996	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996
600	.662	.966	.988	.992	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995
800	.487	.948	.978	.988	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995
1000	.360	.904	.961	.982	.989	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995
1200	.272	.815	.935	.972	.984	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994
1400	.211	.778	.900	.958	.978	.985	.988	.990	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991
1600	.168	.703	.859	.940	.969	.979	.985	.987	.989	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991
1800	.136	.639	.812	.916	.950	.972	.980	.985	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986
2000	.112	.575	.782	.859	.944	.963	.975	.979	.982	.987	.990	.992	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993
2500	.074	.440	.836	.906	.886	.932	.935	.956	.970	.980	.985	.989	.991	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992
3000	.052	.340	.525	.714	.634	.819	.825	.925	.940	.951	.989	.977	.984	.987	.989	.990	.991	.993	.993	.994	.994	.994	.994	.994	.994
3500	.039	.268	.433	.624	.704	.835	.886	.909	.924	.953	.966	.977	.983	.986	.987	.989	.991	.992	.993	.994	.994	.994	.994	.994	.994
4000	.030	.215	.385	.542	.692	.775	.840	.870	.891	.931	.951	.968	.976	.981	.984	.986	.988	.990	.991	.992	.993	.994	.994	.994	.994
5000	.019	.146	.254	.409	.558	.653	.733	.777	.875	.908	.942	.958	.967	.972	.978	.983	.985	.987	.987	.987	.987	.987	.987	.987	.987
6000	.013	.104	.187	.314	.448	.542	.630	.679	.718	.804	.852	.904	.930	.945	.954	.964	.973	.978	.981	.985	.986	.987	.987	.987	.987
7000	.010	.078	.142	.245	.362	.449	.536	.587	.629	.726	.787	.856	.904	.931	.946	.960	.968	.973	.979	.983	.987	.988	.989	.990	.990
9000	.008	.061	.111	.196	.286	.391	.455	.505	.547	.650	.718	.849	.979	.990	.992	.994	.995	.996	.997	.997	.998	.998	.998	.998	.998
10000	.005	.039	.073	.132	.205	.326	.376	.414	.514	.586	.685	.748	.792	.823	.857	.894	.902	.937	.946	.954	.964	.977	.982	.987	.992

13Q7

13Q8

1309

1406

14Q7

	KT	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT							
Adj Vr	17.1	14.6	14.0	13.5	13.1	12.6	12.5	12.3	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	Adj Vr							
ps1	15	6	5	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	ps1						
HOB	272	645	872	1195	1345	1817	2115	2306	2677	2957	3345	3661	4470	4897	5272	5768	6463	7053	7571	8654	9209	10455	11468	12778	HOB							
WR	900	2154	2936	3967	5026	5826	6485	7230	7716	8061	10140	11857	13235	14394	15814	16751	18633	20226	21919	24001	26015	29355	32105	35555	WR							
CIP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CIP																	
200	.975	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996							
400	.983	.997	.992	.994	.993	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995							
600	.985	.987	.994	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995							
800	.980	.929	.969	.985	.990	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1000	.937	.870	.944	.973	.995	.999	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1200	.253	.797	.907	.959	.979	.986	.999	.986	.990	.992	.993	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995							
1400	.195	.718	.860	.938	.987	.979	.994	.986	.989	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1600	.135	.641	.807	.910	.953	.969	.979	.981	.984	.986	.989	.990	.992	.993	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1800	.125	.569	.750	.877	.935	.957	.970	.976	.979	.985	.987	.989	.990	.991	.992	.993	.993	.994	.994	.994	.994	.994	.994	.994	.994							
2000	.103	.505	.692	.829	.914	.943	.951	.959	.963	.965	.967	.969	.970	.971	.972	.973	.974	.975	.976	.976	.976	.976	.976	.976	.976							
2500	.069	.376	.556	.795	.875	.904	.927	.961	.951	.966	.970	.976	.982	.987	.992	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999							
3000	.046	.285	.447	.630	.763	.821	.853	.893	.919	.949	.962	.975	.980	.986	.990	.995	.998	.999	.999	.999	.999	.999	.999	.999	.999							
3500	.035	.222	.381	.538	.679	.780	.824	.853	.877	.920	.962	.972	.977	.980	.984	.987	.990	.993	.995	.995	.995	.995	.995	.995	.995							
4000	.027	.176	.295	.455	.599	.687	.767	.800	.829	.866	.916	.935	.950	.960	.969	.979	.983	.993	.997	.997	.997	.997	.997	.997	.997							
5000	.016	.118	.205	.385	.463	.553	.637	.655	.685	.720	.801	.869	.925	.941	.951	.961	.971	.976	.980	.984	.988	.992	.996	.998	.999							
6000	.012	.086	.159	.250	.361	.433	.525	.573	.613	.709	.768	.826	.877	.902	.919	.935	.952	.962	.969	.975	.980	.984	.988	.992	.996							
7000	.009	.063	.112	.193	.285	.357	.433	.479	.519	.617	.686	.739	.820	.853	.877	.901	.929	.941	.951	.963	.970	.976	.981	.986	.990							
8000	.007	.049	.098	.162	.229	.329	.359	.402	.439	.502	.584	.664	.737	.807	.849	.880	.913	.943	.964	.976	.987	.997	.997	.997	.997							
9000	.005	.039	.070	.123	.199	.281	.301	.339	.373	.446	.522	.603	.674	.741	.811	.881	.931	.964	.987	.997	.997	.997	.997	.997	.997							
10000	.004	.031	.057	.101	.156	.202	.254	.298	.319	.393	.468	.544	.611	.681	.751	.813	.879	.931	.971	.997	.997	.997	.997	.997	.997							
KT	1	10	20	40	70	100	140	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT								
Adj Vr	17.4	14.7	14.0	13.3	12.9	12.6	12.3	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	Adj Vr						
ps1	17	6	5	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	ps1						
HOB	270	639	872	1219	1810	2126	2690	2693	3264	3732	4490	5105	5827	6708	7575	8113	8912	9072	10267	11287	12246	13837	16286	18666	20866	23837	26561	28666	32493	35551	39113	WR
CIP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CIP																	
200	.976	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996							
600	.619	.986	.992	.984	.991	.993	.994	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995							
1000	.445	.926	.969	.985	.993	.994	.996	.995	.996	.997	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999							
1200	.262	.790	.907	.961	.979	.965	.989	.990	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1400	.167	.711	.860	.907	.914	.957	.971	.980	.983	.986	.989	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1600	.119	.633	.807	.914	.957	.971	.980	.983	.986	.989	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
1800	.119	.581	.750	.892	.946	.951	.973	.979	.981	.987	.989	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
2000	.099	.496	.692	.865	.920	.946	.965	.972	.976	.984	.987	.990	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994							
2500	.064	.386	.558	.763	.853	.904	.935	.949	.957	.973	.980	.986	.990	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996							
3500	.036	.217	.361	.454	.695	.778	.891	.871	.821	.889	.902	.923	.955	.977	.984	.986	.986	.986	.986	.986	.986	.986	.986	.986	.986							
5000	.017	.115	.205	.340	.479	.575	.662	.710	.787	.871	.917	.940	.953	.961	.969	.977	.981	.986	.987	.987	.987	.987	.987	.987	.987							
6000	.012	.082	.149	.256	.375	.464	.552	.602	.684	.780	.799	.865	.900	.921	.936	.946	.956	.966	.976	.987	.993	.997	.997	.997	.997							
7000	.009	.061	.112	.196	.240	.308	.382	.429	.521	.621	.722	.803	.851	.902	.922	.946	.966	.986	.996	.997	.997	.997	.997	.997	.997							
9000	.005	.039	.070	.127	.197	.256	.321	.383	.461	.549	.649	.737	.845	.904	.957	.984	.996	.997	.997	.997	.997	.997	.997	.997	.997							
10000	.004	.031	.057	.104	.164	.215	.272	.310	.394	.487	.587	.676	.764	.857	.909	.957	.984	.996	.997	.997	.997	.997	.997	.997	.997							

14Q7

14Q8

14Q 9

	KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	9.0	9.9	Adj	VN							
Adj	VN	17.8	14.8	14.0	13.2	12.6	11.9	11.7	11.6	11.2	11.0	10.6	10.4	10.3	10.1	10.0	9.6	9.7	9.6	9.4	9.3	9.2	9.0	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9					
pe1		1.9	6	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
HOB		288	634	872	1249	1654	2051	2478	2754	3006	3731	4335	6154	6870	7502	8344	945	10575	11485	13055	14395	16636	18499	20805	HOB	pe1										
WR		780	2034	4098	5337	6303	7361	8044	8659	10388	11799	14083	15337	17523	18923	20771	23393	25626	30965	33833	36611	42568	47545	WR												
CEP		PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP															
200	.972	.994	.995	.996	.996	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996					
400	.972	.986	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996				
600	.970	.980	.985	.988	.991	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995				
800	.970	.973	.976	.978	.981	.984	.984	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985				
1000	.970	.966	.974	.977	.980	.983	.983	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985				
1200	.973	.978	.987	.997	.993	.981	.980	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981				
1400	.979	.970	.960	.965	.972	.972	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974				
1600	.974	.964	.967	.977	.978	.980	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982				
1800	.974	.964	.967	.977	.978	.980	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982				
2000	.974	.967	.972	.975	.977	.980	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982	.982				
2500	.961	.961	.958	.958	.967	.972	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974				
3000	.963	.973	.947	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950	.950				
3500	.932	.211	.361	.556	.713	.798	.361	.890	.910	.945	.962	.976	.982	.985	.987	.989	.991	.993	.995	.997	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999				
4000	.025	.188	.295	.476	.636	.731	.808	.845	.871	.921	.945	.966	.981	.985	.988	.991	.994	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999				
5000	.016	.112	.205	.349	.599	.661	.634	.704	.780	.857	.897	.937	.955	.965	.972	.977	.983	.987	.991	.995	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999				
6000	.011	.080	.149	.263	.393	.490	.585	.619	.682	.780	.826	.896	.926	.943	.954	.964	.977	.983	.988	.990	.992	.994	.996	.998	.999	.999	.999	.999	.999	.999	.999	.999				
7000	.008	.059	.112	.204	.313	.400	.544	.590	.698	.765	.845	.887	.913	.929	.945	.954	.961	.969	.974	.981	.984	.988	.990	.991	.992	.993	.994	.995	.996	.996	.996	.996				
8000	.006	.046	.098	.161	.253	.329	.412	.463	.509	.619	.695	.784	.841	.875	.898	.913	.921	.936	.946	.956	.964	.973	.980	.987	.988	.989	.990	.991	.992	.993	.994	.994				
9000	.005	.037	.070	.131	.208	.274	.368	.437	.547	.625	.727	.790	.832	.861	.891	.911	.931	.951	.971	.981	.991	.995	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999				
10000	.004	.030	.057	.108	.174	.231	.297	.340	.376	.483	.561	.668	.737	.785	.820	.857	.887	.907	.927	.947	.967	.987	.995	.998	.999	.999	.999	.999	.999	.999	.999	.999				
KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	9.0	9.9	Adj	VN								
Adj	VN	16.8	15.0	15.0	14.7	14.6	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0					
pe1		13	8	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4					
HOB		273	606	1013	1240	1411	1523	1709	1813	2094	2620	2966	3209	3699	3921	4260	4590	4821	5151	5483	5816	6146	6476	6807	7138	7469	7799	8130	8460	8791	9122	9453	9784	10114	10445	10776
WR		1984	2381	3365	4351	4736	5337	5749	6098	7056	7815	9208	9992	10806	11518	12450	13176	14066	15033	15933	17485	18879	21189	23091	25474	27814	29155	30495	32816	35137	37458	39779	42100			
CEP		PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CEP													
200	.976	.977	.977	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975				
400	.984	.985	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981	.981				
600	.984	.959	.979	.988	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994				
800	.969	.910	.957	.978	.986	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994				
1000	.960	.945	.961	.967	.976	.981	.982	.983	.984	.985	.986	.987	.988	.989	.990	.991	.992	.993	.994	.995	.996	.997	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999				
1200	.975	.977	.977	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975	.975				
1400	.972	.909	.907	.917	.927	.937	.943	.952	.961	.971	.981	.991	.998	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999				
1600	.959	.912	.914	.927	.937	.943	.952	.961	.971	.981	.991	.998	.998	.9																						

15Q6

15Q 6

15Q7

15Q 9

16Q 6

16Q7

KT		Adj Vn		Adj Vn		KT	
1	10	20	40	70	100	140	170
16.6	16.6	15.5	15.5	14.6	14.6	13.9	13.9
30	30	12	10	8	6	5	5
562	562	754	960	1165	1344	1589	1669
693	1760	2359	3113	3885	4504	5167	5588
CEP	P0	P0	P0	P0	P0	P0	P0
200	.904	.995	.995	.996	.996	.996	.996
400	.760	.981	.989	.993	.994	.995	.995
600	.548	.905	.976	.981	.982	.983	.983
800	.370	.793	.897	.952	.966	.988	.994
1000	.270	.793	.897	.952	.966	.988	.994
1200	.199	.668	.836	.921	.957	.971	.975
1400	.132	.607	.766	.860	.918	.956	.970
1600	.116	.454	.625	.744	.832	.905	.937
1800	.096	.396	.526	.639	.738	.820	.890
2000	.079	.393	.560	.725	.831	.886	.920
2500	.031	.282	.328	.428	.594	.723	.798
3000	.036	.209	.328	.402	.527	.671	.777
3500	.027	.159	.219	.308	.439	.585	.738
4000	.021	.125	.206	.323	.442	.616	.765
5000	.013	.063	.139	.226	.322	.400	.527
6000	.009	.059	.100	.165	.291	.375	.419
7000	.007	.054	.115	.187	.336	.437	.457
8000	.005	.058	.098	.187	.239	.303	.348
9000	.004	.027	.046	.078	.118	.155	.197
10000	.003	.022	.038	.064	.097	.128	.164
19.4	16.7	16.0	15.3	14.9	14.6	14.3	14.2
35	13	10	8	7	5	5	5
560	560	754	960	1210	1395	1603	1789
875	1767	2359	3114	3993	4666	5393	5858
CEP	P0	P0	P0	P0	P0	P0	P0
200	.962	.994	.995	.996	.996	.996	.996
400	.767	.983	.989	.993	.995	.995	.995
600	.532	.944	.976	.986	.991	.993	.994
800	.365	.878	.964	.975	.985	.991	.995
1000	.259	.789	.897	.953	.975	.985	.995
1200	.190	.693	.866	.923	.967	.981	.986
1400	.145	.602	.766	.883	.939	.967	.981
1600	.114	.520	.694	.876	.942	.976	.991
1800	.092	.449	.676	.784	.892	.947	.975
2000	.075	.389	.560	.730	.842	.904	.953
2500	.049	.278	.426	.600	.739	.814	.870
3000	.036	.206	.320	.488	.634	.749	.833
3500	.025	.157	.258	.398	.560	.635	.719
4000	.020	.126	.208	.326	.459	.558	.620
5000	.013	.082	.139	.230	.340	.506	.656
6000	.009	.059	.100	.168	.252	.323	.406
7000	.006	.043	.075	.127	.193	.253	.322
8000	.005	.033	.058	.100	.154	.205	.272
9000	.004	.028	.046	.080	.125	.165	.212
10000	.003	.021	.038	.065	.103	.137	.177

16Q8

16Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj VM	19.8	16.0	15.2	14.6	14.2	13.9	13.7	13.6	13.2	13.0	12.6	12.4	12.3	12.0	11.8	11.6	11.4	11.3	11.2	11.0	11.0	10.9	Adj VM			
p41	.39	13	10	7	6	5	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	WR	
HOB	258	589	754	964	1225	1447	1652	1857	2059	2850	2824	3448	3963	4421	4825	5365	6139	6505	7196	8418	9203	10760	11982	13527	HOB	
WR	659	1752	2353	3181	4125	4872	5693	6218	6693	8039	9120	10885	12313	13345	14266	16055	16882	19008	21326	23945	26152	29865	32903	36720	WR	
CDF	PO	PO	PD	PD	PO	PO	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CDF		
200	.959	.993	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	KT	
400	.755	.980	.991	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	KT
600	.516	.963	.974	.977	.984	.986	.987	.988	.988	.989	.989	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	KT
800	.352	.875	.975	.986	.990	.992	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	KT
1000	.248	.765	.897	.955	.977	.984	.988	.990	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	KT
1200	.182	.669	.636	.925	.954	.976	.983	.986	.988	.991	.992	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	KT
1400	.139	.597	.667	.967	.994	.965	.976	.981	.984	.987	.991	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	KT
1600	.109	.515	.694	.960	.919	.949	.956	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	KT
1800	.087	.484	.625	.789	.689	.930	.954	.964	.970	.981	.986	.990	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	KT
2000	.072	.363	.560	.736	.654	.906	.939	.952	.963	.975	.982	.987	.990	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	KT
2500	.047	.275	.426	.607	.756	.832	.887	.911	.927	.956	.959	.980	.985	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	KT
3000	.033	.203	.324	.493	.634	.747	.821	.856	.881	.927	.949	.968	.977	.981	.984	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	KT
3500	.024	.155	.256	.405	.560	.661	.718	.792	.825	.889	.922	.952	.966	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	.973	KT
4000	.019	.122	.206	.314	.478	.580	.674	.724	.763	.844	.888	.931	.951	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	KT
5000	.012	.080	.134	.234	.353	.445	.538	.593	.638	.741	.804	.873	.903	.930	.943	.956	.968	.975	.977	.980	.984	.986	.989	.991	.992	KT
6000	.008	.057	.100	.172	.266	.344	.425	.491	.526	.637	.712	.802	.853	.885	.895	.905	.906	.927	.948	.959	.967	.975	.980	.985	.988	KT
7000	.006	.042	.075	.110	.206	.271	.345	.434	.494	.543	.621	.724	.797	.829	.850	.864	.865	.865	.878	.889	.893	.897	.902	.906	.909	KT
9000	.005	.033	.058	.107	.163	.218	.281	.322	.360	.462	.539	.647	.719	.769	.805	.844	.865	.865	.877	.887	.893	.896	.900	.904	.907	KT
10000	.003	.026	.046	.062	.132	.178	.232	.268	.301	.395	.468	.576	.551	.706	.718	.794	.844	.877	.889	.899	.906	.912	.917	.920	.923	KT
10000	.003	.021	.038	.067	.109	.148	.194	.226	.255	.339	.407	.511	.587	.645	.701	.741	.800	.839	.856	.873	.896	.904	.909	.913	.916	KT
Adj VM	20.1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
p41	.46	16	14	12	9	9	6	6	8	8	7	7	5	6	6	6	6	6	6	6	5	5	5	5	PE	
HOB	256	580	740	942	1143	1293	1552	1861	1886	2051	2459	2725	3152	3414	3816	4292	4854	5295	5925	6478	7172	76162	76162	WR		
WR	646	1657	2181	2863	3562	4088	4649	5006	5323	6199	6900	8057	8991	9782	10475	11384	12683	13175	14492	16311	17679	19308	21818	24162	WR	
CDF	PD	PO	PD	PD	PO	PO	PD	PD	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	CDF		
200	.957	.993	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	KT
400	.784	.977	.987	.992	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	KT
600	.504	.933	.969	.984	.991	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	KT
800	.341	.856	.931	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	.967	KT
1000	.240	.758	.874	.940	.940	.947	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	.957	KT
1200	.176	.656	.802	.900	.945	.963	.973	.978	.981	.985	.986	.990	.992	.992	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	KT
1400	.134	.563	.725	.651	.916	.916	.960	.967	.972	.981	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	KT
1600	.105	.482	.649	.795	.886	.917	.932	.933	.940	.947	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	KT
1800	.084	.412	.577	.736	.873	.920	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	.952	KT
2000	.069	.355	.512	.677	.793	.851	.913	.913	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	.926	KT
3000	.045	.251	.382	.542	.675	.751	.813	.843	.866	.910	.933	.957	.968	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	.974	KT
5000	.021	.091	.184	.291	.433	.564	.648	.722	.781	.855	.890	.928	.947	.956	.956	.956	.956	.956	.956	.956	.956	.956	.956	.956	.956	KT
7000	.006	.008	.051	.086	.182	.209	.262	.321	.392	.479	.545	.640	.704	.749	.784	.821	.853	.889	.907	.930	.944	.959	.976	.980	KT	
9000	.000	.005	.023	.040	.074	.100	.161	.201	.228	.322	.371	.464	.531	.582	.624	.674	.734	.776	.807	.850	.885	.912	.931	.949	KT	
10000	.003	.003	.019	.032	.055	.074	.107	.130	.156	.187	.207	.267	.316	.397	.459	.510	.552	.603	.657	.714	.750	.801	.836	.879	.906	KT

16Q9

17Q7

17Q9

18Q2

	KT	1	10	20	40	70	100	140	170	200	300	400	60C	800	1000	1200	13.4	13.3	13.1	12.8	12.4	12.3	12.2	12.0	11.9	Adj VM	
Adj VM	20.8	17.8	17.0	16.2	15.6	15.2	14.9	14.7	14.6	14.2	14.0	13.6	13.4	13.3	13.1	3	3	3	3	3	3	3	3	3	3	2	2
psi	.56	.19	.14	.11	.9	.7	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
HOB	253	578	740	946	1154	1308	1520	1644	1759	2095	2382	2885	3270	3623	3939	4363	4972	5498	5965	6775	7470	8636	9610	10482	HO8	WR	
HR	631	1631	2181	2922	3705	4308	5002	5466	5885	7059	8018	957C	10830	11903	12859	16116	15997	17115	18750	21043	22992	26239	28928	32310	WR		
CEP	PD	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CEP													
CEP	PD	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CEP													
200	.950	.993	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	KT
400	.950	.976	.987	.992	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400
600	.973	.930	.969	.984	.990	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	600
800	.316	.850	.931	.969	.943	.970	.979	.985	.987	.989	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	800
1000	.221	.750	.876	.943	.970	.979	.985	.987	.989	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	1000
1200	.161	.647	.802	.906	.951	.967	.974	.976	.982	.984	.988	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	1200
1400	.122	.553	.725	.859	.925	.951	.967	.974	.978	.985	.988	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	1400
1600	.095	.403	.577	.649	.805	.892	.925	.930	.944	.958	.969	.974	.979	.981	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	.985	1600
1800	.076	.347	.512	.689	.811	.870	.912	.931	.944	.956	.966	.975	.984	.987	.989	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	1800
2000	.062	.347	.512	.689	.811	.870	.912	.931	.944	.956	.966	.975	.984	.987	.989	.990	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	2000
2500	.041	.244	.382	.555	.697	.777	.863	.875	.887	.897	.904	.917	.927	.936	.946	.956	.966	.975	.985	.996	.998	.999	.999	.999	.999	.999	2500
3000	.028	.179	.291	.445	.589	.679	.761	.804	.835	.867	.897	.927	.955	.975	.985	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	3000
3500	.021	.136	.226	.359	.494	.676	.726	.806	.886	.922	.952	.982	.992	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	3500
4000	.016	.107	.180	.293	.416	.505	.596	.650	.693	.769	.844	.901	.930	.946	.956	.966	.975	.985	.995	.995	.995	.995	.995	.995	.995	.995	4000
5000	.010	.070	.121	.203	.300	.376	.460	.514	.559	.669	.791	.825	.871	.900	.919	.937	.955	.965	.971	.978	.982	.985	.985	.985	.985	.985	5000
6000	.007	.050	.086	.148	.223	.285	.358	.406	.449	.559	.637	.738	.799	.860	.868	.897	.925	.942	.953	.955	.956	.956	.956	.956	.956	.956	6000
7000	.005	.037	.064	.111	.222	.325	.402	.485	.562	.650	.721	.771	.807	.846	.866	.891	.911	.930	.947	.957	.959	.959	.959	.959	.959	.959	7000
8000	.004	.028	.050	.087	.135	.176	.228	.263	.306	.389	.461	.539	.644	.700	.742	.789	.840	.873	.917	.932	.940	.940	.940	.940	.940	.940	8000
9000	.003	.022	.040	.070	.109	.143	.186	.217	.245	.327	.394	.467	.537	.631	.676	.729	.789	.829	.858	.895	.917	.933	.936	.936	.936	.936	9000
10000	.003	.018	.032	.057	.089	.118	.155	.181	.206	.274	.338	.434	.508	.586	.613	.669	.736	.782	.816	.862	.890	.923	.941	.941	.941	.941	10000
CEP	PD	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CEP													
CEP	PD	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	CEP													
200	.965	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	KT
400	.975	.986	.991	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400
600	.953	.926	.962	.979	.986	.989	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	600
800	.386	.641	.916	.957	.974	.981	.985	.987	.989	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	800
1000	.274	.738	.848	.920	.953	.966	.975	.979	.981	.983	.988	.991	.992	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	1000
1200	.154	.539	.688	.869	.944	.959	.966	.971	.979	.983	.987	.990	.993	.996	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1200
1400	.121	.458	.605	.744	.878	.921	.957	.971	.979	.983	.987	.990	.993	.996	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	1400
1600	.098	.391	.533	.678	.781	.827	.879	.939	.967	.982	.991	.994	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	1600
1800	.074	.345	.485	.609	.881	.915	.938	.948	.956	.969	.976	.983	.986	.988	.989	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	.990	1800
2000	.060	.335	.469	.615	.823	.875	.917	.957	.982	.987	.991	.994	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	.997	2000
2500	.052	.235	.345	.479	.597	.670	.735	.769	.796	.853	.886	.921	.940	.951	.959	.965	.974	.980	.987	.991	.995	.995	.995	.995	.995	.995	2500
3000	.037	.172	.259	.375	.485	.560	.630	.669	.701	.774	.819	.871	.901	.919	.932	.945	.958	.965	.970	.977	.985	.985	.985	.985	.985	.985	3000
3500	.027	.131	.201	.297	.396	.466	.535	.576	.613	.684	.751	.812	.851	.877	.896	.915	.935	.947	.955	.966	.972	.979	.979	.979	.979	.979	3500
4000	.021	.102	.159	.240	.326	.389	.455	.494	.528	.613	.674	.747	.805	.863	.883	.905	.924	.936	.947	.955	.960	.965	.965	.965	.965	.965	4000
5000	.013	.067	.106	.164	.228	.278	.332	.367	.397	.476	.535	.620	.678	.720	.753	.790	.833	.861	.882	.893	.905	.910	.910	.910	.910	.910	5000
6000	.009	.047	.075	.118	.167	.206	.249	.278	.303	.372	.426	.508	.567	.614	.651	.695	.748	.785	.813	.852	.878	.910	.929	.945	.960	.974	6000
7000	.007	.035	.056	.088	.126	.157	.192	.215	.236	.295	.343	.417	.473	.531	.589	.641	.681	.738	.787	.821	.864	.891	.916	.931	.947	.960	7000
8000	.005	.027	.043	.069	.099	.124	.152	.181	.214	.240	.279	.345	.417	.473	.531	.589	.641										

18Q7

18Q8

KT	Adj VM	18Q7												18Q8												
		PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD														
.1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT		
Adj VM	21.1	16.6	16.0	17.5	17.1	16.6	16.5	16.5	16.3	16.1	16.0	15.9	15.8	15.7	15.5	15.4	15.3	15.2	15.1	15.0	15.4	15.5	15.6	15.7	Adj VM	
pd ₁	.63	.21	.17	.15	.13	.13	.12	.12	.11	.10	.10	.9	.9	.9	.9	.9	.8	.8	.8	.6	.6	.6	.7	.7	pd ₁	
HOS	.251	.569	.725	.1122	.1269	.1425	.1523	.1611	.2042	.2345	.2586	.2789	.2968	.3201	.3528	.3905	.4047	.4560	.4879	.5386	.5862	.6157	.6457	.6818	HOS	
WR	.601	.1543	.2031	.2660	.3296	.3767	.4261	.4606	.4896	.5696	.6336	.7353	.8166	.8654	.9456	.10246	.11356	.12296	.13117	.14521	.15706	.17874	.19295	.21326	WR	
CET	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CET	
200	.947	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.705	.973	.986	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400
600	.845	.919	.947	.951	.951	.950	.950	.952	.952	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	.953	600
800	.308	.628	.916	.960	.977	.983	.987	.989	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	800
1000	.213	.720	.848	.926	.959	.971	.979	.982	.986	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	1000
1200	.155	.613	.753	.877	.932	.953	.967	.973	.975	.983	.987	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	1200
1400	.118	.519	.685	.828	.928	.957	.967	.970	.975	.982	.986	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	1400
1600	.092	.459	.605	.759	.834	.897	.927	.941	.950	.954	.967	.975	.980	.984	.986	.986	.988	.988	.990	.990	.990	.990	.990	.990	.990	1600
1800	.073	.373	.533	.696	.806	.860	.900	.918	.931	.954	.977	.990	.993	.995	.995	.995	.997	.997	.998	.998	.998	.998	.998	.998	.998	1800
2000	.060	.319	.469	.634	.755	.818	.867	.891	.907	.930	.954	.977	.990	.993	.995	.995	.997	.997	.998	.998	.998	.998	.998	.998	.998	2000
3000	.027	.163	.243	.345	.487	.628	.707	.774	.809	.834	.867	.916	.944	.956	.966	.972	.977	.982	.985	.986	.986	.986	.986	.986	.986	3000
3500	.020	.123	.201	.312	.425	.504	.583	.627	.656	.676	.704	.801	.861	.894	.915	.929	.943	.957	.966	.972	.977	.980	.980	.980	.980	3500
4000	.018	.106	.159	.259	.391	.517	.599	.675	.717	.750	.822	.907	.931	.945	.954	.963	.972	.977	.980	.980	.980	.980	.980	.980	.980	4000
5000	.010	.063	.106	.173	.298	.308	.352	.413	.453	.539	.604	.693	.750	.797	.876	.898	.918	.938	.951	.960	.968	.974	.980	.980	.980	5000
6000	.007	.046	.075	.124	.183	.229	.282	.317	.367	.430	.483	.586	.648	.695	.731	.773	.820	.852	.874	.894	.904	.914	.923	.934	.944	6000
7000	.005	.033	.056	.094	.139	.176	.219	.248	.274	.346	.403	.449	.554	.603	.643	.690	.747	.787	.816	.856	.883	.915	.933	.950	.967	7000
8000	.003	.020	.034	.053	.074	.109	.139	.176	.212	.242	.281	.322	.348	.404	.450	.490	.536	.602	.650	.688	.732	.763	.815	.869	.900	8000
10000	.018	.028	.047	.067	.072	.092	.117	.133	.149	.184	.233	.295	.347	.390	.427	.474	.537	.586	.625	.666	.700	.732	.788	.866	.9000	10000
KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj VM	21.4	18.7	18.0	17.3	16.9	18.6	18.3	18.1	18.1	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	Adj VM	
pd ₁	.72	.27	.21	.16	.14	.12	.11	.11	.10	.9	.9	.6	.6	.6	.6	.7	.7	.7	.7	.6	.6	.6	.5	.5	pd ₁	
HOS	.249	.568	.725	.926	.1126	.1276	.1434	.1534	.1623	.1867	.2061	.2370	.2615	.2923	.3064	.3377	.3699	.4009	.4222	.4712	.5132	.5819	.6372	.7066	HOS	
WR	.566	.1531	.2031	.2682	.3396	.3851	.4398	.4796	.5056	.5917	.6609	.7713	.8598	.9349	.10007	.10726	.12206	.13291	.14242	.15369	.17297	.19533	.21420	.23787	WR	
CET	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	CET	
200	.943	.992	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	200
400	.691	.972	.986	.991	.993	.993	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400
600	.446	.917	.931	.942	.951	.953	.953	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	.954	600
800	.294	.825	.916	.961	.976	.984	.988	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	800
1000	.204	.715	.806	.928	.961	.973	.980	.983	.985	.989	.991	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	1000
1200	.148	.608	.768	.881	.935	.956	.969	.975	.978	.985	.988	.990	.992	.993	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	1200
1400	.112	.534	.605	.763	.859	.903	.933	.962	.966	.970	.977	.984	.987	.989	.990	.991	.992	.993	.993	.993	.993	.993	.993	.993	.993	1400
1600	.067	.369	.533	.700	.821	.867	.907	.926	.936	.950	.959	.969	.979	.984	.986	.986	.988	.989	.990	.991	.991	.991	.991	.991	.991	1600
1800	.070	.356	.469	.539	.627	.876	.899	.915	.945	.959	.973	.979	.983	.985	.985	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	1800
2000	.057	.315	.467	.539	.627	.876	.899	.915	.945	.959	.973	.979	.983	.985	.985	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	2000
2500	.037	.220	.345	.502	.628	.719	.787	.847	.888	.925	.951	.984	.971	.975	.980	.984	.987	.987	.987	.987	.987	.987	.987	.987	.987	2500
3000	.028	.160	.259	.396	.526	.612	.681	.753	.786	.837	.877	.919	.940	.952	.960	.969	.976	.980	.984	.987	.987	.987	.987	.987	.987	3000
3500	.019	.121	.201	.316	.436	.538	.516	.593	.645	.683	.768	.819	.877	.908	.927	.939	.953	.965	.972	.976	.982	.985	.986	.987	.987	3500
4000	.015	.095	.159	.255	.318	.387	.430	.467	.562	.630	.720	.776	.815	.863	.906	.926	.939	.955	.968	.974	.978	.982	.985	.986	.987	4000
5000	.009	.062	.106	.175	.255	.318	.387	.430	.467	.562	.630	.720	.776	.815	.863	.906	.926	.939	.955	.968	.974	.978	.982	.985	.987	5000
6000	.007	.044	.075	.126	.167	.230	.295	.331	.364	.452	.518	.678	.725	.761	.803	.849	.879	.906	.925	.940	.955	.962	.			

18Q9

KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj Vn	21.0	18.6	18.0	17.2	16.5	15.9	15.7	15.6	15.0	14.6	14.4	14.3	14.1	14.0	13.8	13.7	13.6	13.4	13.3	13.2	13.0	12.9	12.8	12.7	Adj Vn	
Psi	.61	.20	.21	.15	.12	.11	.10	.8	.7	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	Psi
HDS	247	566	725	928	1132	1284	1445	1547	1638	1888	2150	2251	2334	3129	3155	3686	4184	4577	4945	5583	6132	7056	7828	8807	HDS	
MR	572	1519	2031	2708	3410	3958	4933	5275	6232	7049	9322	10469	11306	12410	15311	16486	18501	20214	20659	23433	26405	28405	28405	MR		
CEP	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO													
200	.939	.992	.994	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	CEP	
400	.976	.992	.996	.997	.995	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	CEP
600	.942	.915	.942	.983	.988	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	CEP
800	.983	.922	.916	.962	.979	.985	.988	.990	.991	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	CEP
1000	.986	.711	.866	.930	.963	.975	.985	.987	.990	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	CEP
1200	.112	.508	.768	.886	.920	.950	.972	.977	.980	.986	.991	.992	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	.993	CEP
1400	.107	.509	.685	.823	.906	.938	.958	.966	.971	.981	.985	.989	.991	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	CEP
1600	.083	.430	.605	.769	.866	.910	.930	.951	.959	.974	.980	.987	.989	.991	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	CEP
1800	.087	.384	.533	.706	.821	.876	.915	.932	.948	.964	.974	.983	.987	.990	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	.991	CEP
2000	.095	.331	.469	.644	.772	.834	.887	.904	.924	.952	.966	.978	.993	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	CEP
2500	.035	.217	.345	.508	.649	.734	.803	.837	.862	.912	.937	.961	.972	.978	.982	.985	.988	.990	.991	.992	.993	.994	.994	.994	.994	CEP
3000	.975	.158	.259	.401	.538	.629	.710	.754	.787	.857	.886	.915	.945	.965	.986	.996	.998	.998	.998	.998	.998	.998	.998	.998	.998	CEP
3500	.918	.120	.201	.320	.445	.534	.620	.668	.707	.793	.845	.902	.931	.947	.966	.975	.980	.987	.989	.990	.992	.992	.992	.992	.992	CEP
4000	.914	.094	.159	.259	.370	.454	.538	.588	.629	.725	.788	.861	.900	.923	.938	.952	.965	.972	.977	.982	.985	.987	.987	.987	.987	CEP
5000	.069	.061	.106	.178	.263	.332	.405	.452	.492	.594	.668	.786	.823	.860	.885	.911	.936	.950	.959	.970	.976	.982	.982	.982	.982	CEP
6000	.066	.063	.075	.129	.198	.249	.311	.351	.387	.483	.554	.685	.735	.783	.818	.855	.894	.917	.932	.951	.961	.973	.979	.983	.983	CEP
7000	.005	.032	.056	.097	.148	.203	.243	.277	.308	.393	.464	.572	.647	.702	.744	.791	.847	.875	.897	.925	.941	.959	.968	.976	.976	CEP
8000	.004	.025	.063	.075	.116	.152	.194	.222	.249	.326	.388	.490	.567	.626	.670	.723	.774	.823	.854	.872	.891	.905	.915	.927	.927	CEP
9000	.003	.019	.036	.060	.093	.123	.158	.182	.204	.359	.328	.521	.494	.532	.599	.655	.723	.771	.806	.853	.885	.918	.938	.946	.946	CEP
10000	.002	.016	.028	.049	.076	.101	.131	.151	.170	.226	.277	.363	.431	.487	.534	.592	.683	.716	.755	.810	.847	.891	.918	.938	.946	CEP
KT	1	10	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj Vn	22.1	19.6	19.0	16.5	18.1	17.8	17.5	17.3	17.1	17.0	16.9	16.8	16.7	16.7	16.6	16.5	16.5	16.4	16.4	16.3	16.2	16.2	16.2	16.2	Adj Vn	
Psi	.90	.37	.30	.24	.19	.18	.17	.16	.15	.14	.14	.13	.13	.13	.12	.12	.12	.11	.11	.11	.11	.11	.11	.11	.11	Psi
HDS	266	558	711	906	1100	1246	1397	1580	1815	2003	2300	2537	2917	3141	3462	3734	3974	4376	4719	5285	5752	6337	6837	7308	7849	HDS
MR	560	1437	1891	2476	3068	3511	3983	4282	4548	5866	6795	7536	8163	8712	9431	10443	11295	12042	13318	14396	16182	17854	19497	21098	MR	
CEP	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD	PD													
200	.936	.982	.984	.985	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	CEP
400	.665	.668	.683	.690	.692	.693	.694	.694	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	.695	CEP
600	.420	.901	.954	.977	.986	.989	.991	.992	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	CEP
800	.278	.797	.886	.951	.973	.980	.985	.987	.988	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	CEP
1000	.169	.579	.820	.910	.965	.971	.976	.981	.986	.991	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	CEP
1200	.137	.569	.731	.854	.918	.960	.967	.972	.980	.987	.991	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	CEP
1400	.103	.475	.643	.790	.875	.913	.939	.957	.978	.984	.987	.991	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	.992	CEP
1600	.080	.398	.561	.721	.826	.876	.911	.927	.939	.959	.969	.979	.983	.986	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	CEP
1800	.064	.336	.480	.654	.772	.833	.878	.900	.915	.944	.958	.971	.982	.984	.986	.987	.987	.987	.987	.987	.987	.987	.987	.987	.987	CEP
2000	.052	.285	.427	.590	.717	.786	.841	.868	.887	.925	.939	.957	.967	.977	.980	.983	.986	.987	.987	.987	.987	.987	.987	.987	.987	CEP
2500	.034	.197	.309	.454	.585	.646	.737	.774	.803	.827	.857	.886	.904	.917	.937	.958	.965	.978	.987	.992	.992	.992	.992	.992	.992	CEP
3000	.024	.143	.231	.353	.473	.556	.633	.676	.710	.748	.783	.826	.866	.896	.913	.931	.942	.953	.965	.971	.976	.981	.987	.991	.991	CEP
3500	.018	.108	.177	.279	.385	.462	.520	.577	.620	.674	.727	.773	.821	.869	.904	.931	.959	.984	.994	.995	.995	.995	.995	.995	.995	CEP
4000	.013	.086	.140	.224	.318	.398	.458	.501	.538	.629	.691	.770	.818	.872	.918	.957	.987	.994	.995	.995	.995	.995	.995	.995	.995	CEP
5000	.009	.055	.093	.152	.221	.275	.335	.372	.405	.493	.557	.647	.730	.807	.877	.919	.959	.985	.994	.995	.995	.995	.995	.995	.995	CEP
6000	.006	.039	.066	.109	.161	.204	.251	.281	.310	.387	.447	.535	.599	.647	.700	.750	.806									

19Q8

2006

1908

2006

20Q7

2008

2007

2008

20Q9

21Q5

		KT												KT															
Adj Vn		Vn						HOB						HOB						HR									
Pos	Val	1	10	20	40	70	100	140	170	200	300	400	500	900	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	15000	18000	20000	
Adj Vn	23.8	20.8	19.2	18.6	18.2	17.9	17.7	17.6	17.5	17.0	16.6	16.4	16.3	16.1	16.0	15.8	15.7	15.6	15.4	15.3	15.2	15.0	14.9	14.7	14.5	14.3	14.1		
Pos	169	58	43	32	26	22	20	18	17	15	14	12	11	11	11	10	9	9	8	8	7	7	7	7	7	7	7	7	
HOB	237	594	697	892	1088	1235	1391	1489	1577	1817	2010	2315	2559	2765	2745	3181	3513	3794	4039	4458	4812	5399	5883	6688	7400	8195	8957	9719	
HR	496	1317	1760	2347	2953	3415	3912	4230	4514	5304	5941	6961	7800	8512	9139	9465	11133	12126	12998	14494	15763	17875	19621	21957	24500	27000	29500	32000	
CEP	PD	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0																	
C200	.911	.991	.993	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	
C400	.592	.959	.980	.989	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	
C600	.354	.876	.944	.958	.985	.988	.991	.992	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	
C800	.225	.754	.977	.984	.987	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	
C1000	.153	.628	.788	.896	.945	.953	.974	.976	.981	.987	.991	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	
C2000	.041	.387	.557	.695	.773	.834	.863	.885	.925	.946	.965	.974	.979	.985	.988	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	.995	
C4000	.110	.516	.692	.834	.908	.939	.958	.966	.971	.981	.985	.989	.991	.992	.992	.993	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	
C6000	.082	.425	.600	.764	.862	.906	.936	.948	.957	.972	.979	.985	.990	.991	.992	.993	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	
C8000	.056	.352	.518	.691	.866	.907	.935	.957	.975	.990	.997	.998	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	
C10000	.051	.294	.447	.622	.753	.821	.873	.896	.913	.944	.959	.973	.980	.983	.986	.988	.989	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	
C20000	.041	.248	.387	.557	.695	.773	.834	.863	.885	.925	.946	.965	.974	.979	.985	.988	.990	.991	.992	.993	.994	.995	.995	.995	.995	.995	.995	.995	
C50000	.027	.170	.277	.423	.561	.650	.728	.768	.799	.864	.899	.935	.952	.963	.969	.975	.981	.986	.991	.996	.999	.999	.999	.999	.999	.999	.999	.999	
C100000	.019	.122	.205	.326	.453	.538	.622	.669	.757	.815	.859	.893	.921	.941	.960	.976	.986	.990	.994	.997	.999	.999	.999	.999	.999	.999	.999	.999	
C200000	.014	.092	.156	.256	.384	.446	.527	.575	.615	.710	.770	.840	.881	.905	.922	.939	.955	.964	.970	.977	.981	.986	.988	.990	.992	.994	.995	.996	
C400000	.011	.071	.123	.204	.298	.371	.447	.493	.533	.632	.699	.782	.833	.865	.888	.911	.935	.949	.958	.968	.974	.981	.985	.988	.990	.992	.994	.995	
C600000	.007	.047	.081	.138	.207	.263	.326	.366	.401	.495	.565	.653	.726	.771	.805	.840	.880	.905	.921	.942	.967	.974	.981	.988	.992	.995	.997	.998	
C800000	.005	.035	.057	.099	.150	.194	.244	.277	.309	.390	.454	.550	.620	.672	.713	.759	.812	.867	.917	.956	.989	.999	.999	.999	.999	.999	.999	.999	
C1000000	.003	.024	.040	.063	.114	.148	.188	.215	.240	.310	.368	.457	.579	.623	.674	.736	.780	.812	.856	.894	.937	.963	.973	.983	.990	.996	.998	.999	
C2000000	.003	.019	.033	.057	.089	.116	.149	.171	.191	.251	.301	.381	.445	.497	.541	.594	.661	.710	.748	.801	.837	.881	.908	.922	.932	.940	.948	.955	
C4000000	.002	.015	.026	.046	.071	.102	.120	.138	.156	.206	.249	.320	.379	.428	.469	.521	.590	.642	.682	.743	.785	.840	.874	.906	.930	.950	.966	.980	
C6000000	.002	.012	.021	.037	.058	.077	.099	.104	.114	.129	.172	.209	.271	.324	.369	.408	.458	.525	.577	.620	.685	.731	.795	.835	.873	.900	.927	.944	
CEP	PD	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0	P0																	
C200	.919	.990	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	
C400	.711	.814	.851	.897	.931	.962	.991	.993	.994	.995	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	
C600	.571	.651	.711	.762	.811	.862	.900	.917	.931	.950	.964	.975	.981	.987	.991	.995	.997	.998	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	
C800	.431	.511	.572	.631	.691	.750	.811	.864	.909	.935	.955	.971	.983	.991	.997	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	
C1000	.311	.371	.431	.491	.551	.611	.671	.731	.791	.851	.911	.966	.996	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	
C2000	.209	.246	.366	.413	.561	.635	.676	.709	.731	.791	.851	.911	.966	.996	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	.999	
C4000	.109	.140	.210	.271	.321	.371	.421	.471	.521	.571	.621	.671	.721	.771	.821	.871	.911	.951	.991	.999	.999	.999	.999	.999	.999	.999	.999	.999	
C6000	.069	.098	.141	.181	.228	.278	.318	.364	.411	.457	.506	.556	.606	.656	.706	.756	.806	.856	.906	.956	.996	.999	.999	.999	.999	.999	.999	.999	.999
C8000	.015	.018	.045	.085	.138	.215	.300	.384	.431	.471	.506	.545	.584	.625	.665	.705	.745	.785	.825	.865	.905	.945	.985	.995	.999	.999	.999	.999	
C10000	.011	.016	.066	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.790	.824	.862	.897	.935	.975	.995	.999	.999	.999	.999	.999	.999	.999	
C20000	.007	.014	.030	.060	.104	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.790	.824	.862	.901	.941	.981	.995	.999	.999	.999	.999	.999	.999	
C40000	.003	.004	.022	.037	.070	.121	.171	.221	.271	.321	.371	.421	.471	.521	.571	.621	.671	.721	.771	.821	.871	.911	.951	.991	.999	.999	.999	.999	
C60000	.002	.003	.017	.029	.067	.111	.161	.211	.261	.311	.361	.411	.461	.511	.561	.611	.661	.711	.761	.811	.861	.901	.941	.981	.995	.999	.999	.999	
C80000	.002	.002	.014	.023	.065	.111	.161	.211	.261	.311	.361	.411	.461	.511	.561	.611	.661	.711	.761	.811	.861	.901	.941	.981	.995	.999	.999	.999	
C100000	.001	.002	.011	.021	.061	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.801	.851	.901	.951	.991	.999	.999	.999	.999	.999	.999	.999	
C200000	.001	.001	.011	.021	.061	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.801	.851	.901	.951	.991	.999	.999	.999	.999	.999	.999	.999	
C400000	.001	.001	.011	.021	.061	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.801	.851	.901	.951	.991	.999	.999	.999	.999	.999	.999	.999	
C600000	.001	.001	.011	.021	.061	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.801	.851	.901	.951	.991	.999	.999	.999	.999	.999	.999	.999	
C800000	.001	.001	.011	.021	.061	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.801	.851	.901	.951	.991	.999	.999	.999	.999	.999	.999	.999	
C1000000	.001	.001	.011	.021	.061	.108	.171	.248	.329	.395	.427	.512	.574	.660	.717	.759	.801	.851	.901	.951	.991	.999	.999	.999	.999	.999	.999	.999	

20Q9

21Q5

21Q7

21Q9

2107

21Q9

22Q9

23Q7

	KT	1	10	20	40	70	100	140	170	200	300	400	600	900	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT
Adj VN	25.0	22.8	22.0	21.2	20.6	20.2	19.9	19.7	19.6	19.0	18.5	16.4	19.3	19.1	18.0	17.8	17.4	17.3	17.0	17.2	17.0	18.9	Adj VN			
Psi	350	119	88	66	53	41	38	36	32	29	26	24	22	21	20	19	16	18	17	16	15	15	14	14	pe1	
HOB	226	521	668	856	1045	1186	1336	1431	1515	1747	1932	2266	2461	2659	2833	3065	3380	3687	4291	4832	5198	5694	6247	HOB		
WR	431	1143	1528	2036	2561	2961	3392	3667	3913	4557	5149	6032	6743	7346	7977	4574	9558	10393	11125	12378	13439	15202	16658	18485	WR	
CEP	PD	P0	PD	PD	PD	PD	PD	PD	CEP																	
200	.870	.988	.992	.994	.995	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.996	.995	200	
400	.506	.939	.972	.986	.990	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400	
600	.286	.823	.917	.962	.979	.985	.990	.991	.992	.993	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	600	
800	.177	.676	.824	.916	.956	.970	.979	.984	.989	.992	.993	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	.994	800	
1000	.118	.541	.714	.845	.918	.945	.952	.969	.974	.982	.986	.991	.991	.992	.993	.993	.994	.995	.995	.995	.995	.995	.995	.995	1000	
1200	.084	.432	.607	.770	.866	.909	.938	.950	.958	.972	.979	.985	.988	.990	.991	.992	.993	.993	.994	.994	.995	.995	.995	.995	1200	
1400	.063	.347	.512	.686	.805	.863	.905	.923	.938	.959	.971	.984	.988	.990	.991	.992	.993	.994	.994	.994	.994	.995	.995	.995	1400	
1600	.049	.293	.433	.607	.740	.810	.864	.889	.907	.930	.956	.971	.983	.987	.989	.991	.993	.993	.993	.993	.993	.994	.994	.994	1600	
1800	.039	.234	.367	.534	.674	.754	.818	.850	.873	.917	.940	.961	.971	.980	.987	.989	.990	.991	.992	.993	.993	.994	.994	.994	1800	
2000	.032	.196	.314	.471	.611	.697	.769	.806	.834	.890	.919	.948	.962	.969	.974	.979	.984	.988	.990	.991	.992	.993	.993	.994	2000	
2500	.020	.132	.219	.346	.474	.563	.648	.691	.728	.808	.834	.850	.872	.895	.903	.929	.944	.954	.963	.972	.976	.981	.985	.995	2500	
3000	.014	.094	.160	.261	.371	.452	.534	.582	.622	.716	.775	.805	.833	.863	.893	.907	.923	.939	.955	.970	.981	.986	.996	.996	3000	
3500	.010	.070	.121	.201	.294	.366	.442	.488	.527	.626	.693	.777	.828	.861	.888	.907	.931	.955	.966	.973	.980	.983	.987	.987	3500	
4000	.008	.055	.095	.160	.237	.299	.367	.410	.447	.544	.614	.707	.786	.807	.837	.868	.901	.921	.935	.951	.961	.972	.978	.982	4000	
5000	.005	.035	.062	.106	.161	.208	.260	.295	.328	.411	.478	.578	.642	.692	.731	.775	.824	.857	.880	.910	.928	.949	.960	.970	5000	
6000	.004	.025	.044	.076	.116	.151	.192	.219	.244	.316	.373	.433	.463	.531	.583	.628	.676	.737	.780	.811	.858	.882	.915	.934	6000	
7000	.003	.018	.032	.056	.087	.114	.146	.168	.188	.217	.236	.276	.316	.348	.389	.429	.469	.508	.548	.588	.626	.660	.690	.721	7000	
8000	.002	.014	.025	.044	.068	.089	.115	.132	.149	.177	.209	.230	.264	.298	.330	.364	.411	.451	.492	.531	.572	.611	.653	.692	8000	
9000	.002	.011	.020	.035	.054	.071	.092	.107	.120	.151	.196	.235	.255	.285	.305	.337	.368	.432	.496	.536	.589	.634	.674	.714	9000	
10000	.001	.009	.016	.028	.044	.064	.076	.088	.099	.133	.163	.214	.258	.296	.329	.353	.373	.434	.483	.524	.590	.640	.680	.720	10000	
KT	1	19	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj VN	26.1	23.6	23.0	22.5	22.1	21.8	21.5	21.3	21.1	21.0	20.9	20.7	20.5	20.4	20.3	20.2	20.1	20.0	20.5	20.5	20.4	20.3	20.2	20.2	Adj VN	
Psi	388	159	127	104	90	83	78	75	72	64	57	54	50	55	54	50	49	48	48	48	48	48	48	48	pe1	
HOB	225	512	654	834	1013	1147	1288	1377	1457	1674	1848	2123	2381	2556	2888	2900	3197	3444	3888	4042	4359	4683	5314	5855	6249	6449
WR	423	1423	1863	2308	2641	2996	3220	3420	3971	4410	5108	5665	6136	6548	7088	7447	8486	9493	10008	10317	12159	13264	14649	14649	WR	
CEP	PD	P0	PD	PD	PD	PD	PD	PD	CEP																	
200	.863	.987	.992	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	200	
400	.493	.929	.967	.983	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400	
600	.277	.793	.899	.952	.973	.981	.985	.987	.988	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	600	
800	.171	.644	.793	.894	.941	.954	.971	.976	.979	.988	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	800	
1000	.114	.508	.674	.813	.891	.925	.947	.956	.963	.975	.980	.988	.990	.991	.992	.993	.994	.994	.994	.994	.994	.995	.995	.995	1000	
KT	1	19	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj VN	26.1	23.6	23.0	22.5	22.1	21.8	21.5	21.3	21.1	21.0	20.9	20.7	20.5	20.4	20.3	20.2	20.1	20.0	20.5	20.5	20.4	20.3	20.2	20.2	Adj VN	
Psi	388	159	127	104	90	83	78	75	72	64	57	54	50	55	54	50	49	48	48	48	48	48	48	48	pe1	
HOB	225	512	654	834	1013	1147	1288	1377	1457	1674	1848	2123	2381	2556	2888	2900	3197	3444	3888	4042	4359	4683	5314	5855	6249	6449
WR	423	1423	1863	2308	2641	2996	3220	3420	3971	4410	5108	5665	6136	6548	7088	7447	8486	9493	10008	10317	12159	13264	14649	14649	WR	
CEP	PD	P0	PD	PD	PD	PD	PD	PD	CEP																	
200	.863	.987	.992	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	200	
400	.493	.929	.967	.983	.989	.991	.992	.993	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	.995	400	
600	.277	.793	.899	.952	.973	.981	.985	.987	.988	.991	.992	.993	.994	.994	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	600	
800	.171	.644	.793	.894	.941	.954	.971	.976	.979	.988	.990	.992	.993	.994	.994	.994	.995	.995	.995	.995	.995	.995	.995	.995	800	
1000	.114	.508	.674	.813	.891	.925	.947	.956	.963	.975	.980	.988	.990	.991	.992	.993	.994	.994	.994	.994	.994	.995	.995	.995	1000	
KT	1	19	20	40	70	100	140	170	200	300	400	600	800	1000	1200	1500	2000	2500	3000	4000	5000	7000	9000	12000	KT	
Adj VN	26.1	23.6	23.0	22.5																						

2308

2409

2308

2409

25Q6

25Q6

25Q8