

Appendix 2 Needle charts

Notes on needles

Needle selection

The applications list (Appendix 1, List A) details three alternative needles – Rich, Standard, Weak – for each application of carburettor to a particular car. These recommendations apply only to the installation as designed by the relevant vehicle manufacturer.

The standard needle should normally be used except in special circumstances.

The rich needle gives a richer mixture ratio, and therefore greater power, throughout its range.

The weak needles for carburettor specifications fitted with fixed needles are not economy needles – they are to compensate for operation at high altitudes. There is no guarantee that greater economy will result from their use at normal altitudes.

* Needles marked thus are supplied with collar attached to shank for use as spring-loaded needles.

† The AAA needle is available without collar as a standard .090 needle and with collar for spring-loaded application.

0.090 Jet needles

	A5	AA	AB	AC	AC2	AD	AE		AK	AL	AM	AN	AO	AP	AQ
1	.089	.089	.089	.089	.089	.089	.089	1	.089	.089	.089	.089	.089	.089	.089
2	.085	.085	.085	.085	.085	.085	.085	2	.086	.085	.085	.0855	.085	.085	.085
3	.0826	.080	.080	.082	.082	.082	.081	3	.0825	.0816	.081	.0827	.082	.0817	.080
4	.080	.0767	.0785	.080	.080	.080	.078	4	.0795	.0796	.078	.0807	.0793	.0796	.076
5	.0782	.0735	.0768	.0783	.0783	.0780	.0763	5	.0786	.0781	.0753	.0787	.0766	.0777	.0724
6	.0765	.071	.075	.0765	.0765	.0760	.0754	6	.078	.077	.073	.077	.0737	.0765	.0694
7	.0746	.0689	.0732	.0746	.0746	.0740	.0745	7	.077	.076	.0704	.0753	.0705	.0752	.0668
8	.073	.0661	.0718	.073	.073	.0720	.0737	8	.0764	.0748	.068	.074	.0673	.0745	.0642
9	.0711	.0638	.0702	.071	.071	.070	.0728	9	.0755	.0738	.0655	.073	.064	.0736	.062
10	.0694	.0614	.0688	.0694	.0694	.0680	.0718	10	.0747	.0726	.063	.072	.0608	.0727	.060
11	.0676	.0591	.0671	.0676	.0676	.066	.071	11	.0738	.0715	.0606	.071	.0576	.072	.058
12	.066	.0566	.0657	.066	.066	.064	.070	12	.073	.0705	.0583	.070	.0544	.071	.0558
13		.054	.064	.064	.064	.062		13			.056	.069	.051		.0536

	AF	AG	AH	AH1	AH2	AI	AJ
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.085	.0862	.086	.085	.085	.085
3	.0814	.0795	.083	.082	.082	.0817	.0815
4	.078	.0745	.0803	.079	.0794	.0798	.079
5	.0758	.0702	.0775	.0765	.077	.078	.0767
6	.0727	.0665	.0756	.075	.0748	.0765	.0745
7	.071	.063	.0733	.073	.0726	.075	.0723
8	.0695	.0598	.0711	.071	.0704	.0732	.0703
9	.068	.0567	.069	.069	.0683	.0712	.0683
10	.0665	.054	.067	.067	.0662	.0693	.0663
11	.065	.051	.065	.065	.064	.0685	.064
12	.0632	.0485	.063	.063	.062	.0675	.062
13		.046	.061	.061	.060		

Part 3: Appendix 2 Needle charts

	AR	AS	AT	AU	AV	AW	AX
1	.089	.089	.088	.089	.089	.090	.089
2	.085	.0845	.0856	.084	.085	.085	.0843
3	.082	.079	.0833	.0815	.0805	.0807	.0807
4	.0795	.075	.0809	.079	.0773	.078	.0775
5	.0771	.072	.0785	.0773	.0742	.0757	.075
6	.0748	.0692	.0761	.0755	.0717	.0735	.073
7	.073	.0665	.0738	.0737	.070	.0713	.071
8	.0712	.0635	.0714	.0717	.0675	.0693	.0692
9	.0696	.061	.069	.0698	.065	.0674	.0675
10	.068	.0586	.0666	.068	.0625	.0655	.066
11	.066	.056	.0643	.066	.060	.0637	.0645
12	.064	.0533	.0619	.064	.059	.0618	.063
13		.051			.058	.060	.0615

	AY	AZ	† AAA	* AAB	* AAC	* AAD	* AAE
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.085	.085	.085	.0855	.0855	.085
3	.0805	.0815	.0814	.0824	.0835	.0827	.0833
4	.0768	.079	.0785	.0785	.0811	.0809	.0803
5	.0741	.0755	.0755	.0752	.0788	.0787	.0773
6	.072	.071	.072	.0715	.0765	.077	.0745
7	.0694	.0662	.0674	.067	.0742	.0753	.0715
8	.0669	.0615	.063	.061	.072	.074	.068
9	.0643	.0575	.060	.056	.0698	.073	.0653
10	.0617	.0532	.058	.0537	.0676	.072	.0627
11	.059	.0490	.056	.0516	.0655	.071	.060
12	.0565	.0445	.0540	.0493	.0631	.070	.059
13	.0538	.0405	.052	.047	.061	.069	.058
14			.050	.0448	.059	.068	.057
15			.048	.0448	.057	.067	.056
16			.046	.0448	.055	.066	.055

	* AAF	* AAG	* AAH	* AAJ	* AAK	* AAL	* AAM
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.085	.0855	.0855	.0855	.085	.085
3	.0827	.083	.0832	.0832	.0830	.83	.0824
4	.080	.080	.0812	.0812	.0807	.080	.0785
5	.0775	.0773	.0790	.0789	.0784	.0771	.0752
6	.075	.0745	.0764	.0770	.0760	.0745	.0715
7	.0715	.0715	.0736	.0747	.0735	.0715	.0673
8	.068	.0686	.0705	.0716	.0708	.068	.063
9	.0653	.0658	.0674	.0672	.0677	.0653	.059
10	.0627	.0647	.0644	.0640	.0645	.0627	.0567
11	.060	.0636	.0619	.0620	.0613	.060	.0543
12	.059	.0625	.0593	.0600	.0580	.059	.0519
13	.058	.0614	.0566	.0580	.0550	.058	.0496
14	.057	.0605	.0540	.0560	.0520	.057	.0472
15	.056	.0595	.0515	.0540	.0490	.056	.0448
16	.055	.0584	.0490	.0520	.0460	.055	.0448

	* AAN	* AAP	* AAQ	* AAR	* AAS	* AAT	* AAU
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.0855	.0855	.085	.085	.0855	.085
3	.0835	.0835	.0827	.0827	.083	.0832	.0828
4	.0815	.0811	.0801	.0795	.0802	.081	.0806
5	.0797	.0788	.0775	.077	.0775	.0784	.078
6	.0781	.077	.0754	.0745	.075	.076	.0745
7	.0767	.076	.0732	.0715	.0718	.0745	.071
8	.0757	.075	.0718	.0686	.0688	.0725	.0675
9	.0750	.074	.0701	.0658	.0665	.0708	.0647
10	.0745	.073	.0688	.0647	.0648	.0691	.062
11	.074	.072	.0672	.0636	.063	.0674	.059
12	.0735	.071	.0655	.0625	.0612	.0657	.056
13	.073	.070	.0642	.0614	.0596	.064	.053
14	.0725	.069	.0625	.0605	.0577	.0623	.050
15	.072	.068	.0612	.0595	.056	.0606	.047
16	.0715	.067	.0595	.0584	.0542	.0589	.044

	* AAV	* AAW	* AAX	* AAY	* AAZ	* ABA	* ABB
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.0855	.0855	.0855	.0855	.0855	.0855
3	.0835	.0832	.0833	.083	.0832	.0825	.083
4	.0815	.081	.081	.0807	.0805	.0802	.0807
5	.0792	.0788	.079	.0782	.0777	.0775	.0782
6	.0768	.0765	.0772	.0758	.0754	.075	.0758
7	.0746	.0742	.0758	.0744	.0732	.0718	.0745
8	.072	.0715	.075	.0732	.0718	.0688	.0725
9	.0698	.0683	.0745	.0723	.0701	.0665	.0708
10	.0674	.0652	.074	.0717	.0688	.0648	.0691
11	.065	.062	.0735	.0712	.0672	.063	.0674
12	.0627	.059	.073	.0707	.0655	.0612	.0657
13	.0602	.056	.0725	.0700	.0642	.0596	.064
14	.0578	.053	.072	.069	.0625	.0577	.0623
15	.0554	.050	.0715	.068	.0612	.056	.0606
16	.053	.047	.071	.067	.0595	.0542	.0589

	* ABC	* ABD	* ABE	* ABF	* ABG	* ABH	* ABJ
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.085	.085	.0855	.0855	.085	.085
3	.0827	.0828	.083	.0832	.0832	.0825	.083
4	.0810	.0803	.080	.0809	.0807	.079	.080
5	.077	.0765	.0775	.0785	.0784	.076	.0765
6	.076	.074	.0758	.0761	.0760	.073	.0725
7	.0745	.071	.0717	.0737	.0737	.0705	.0715
8	.0725	.0675	.0699	.0712	.0717	.0693	.0686
9	.0708	.0647	.0676	.0687	.0697	.0682	.0658
10	.0691	.062	.0653	.0664	.0677	.067	.0647
11	.0674	.059	.063	.0642	.0656	.0656	.0636
12	.0657	.056	.0612	.0618	.0635	.064	.0625
13	.064	.053	.0596	.0595	.0614	.063	.0614
14	.0623	.050	.0577	.0572	.0593	.062	.0605
15	.0606	.047	.056	.0550	.0572	.061	.0595
16	.0589	.044	.0542	.0525	.0500	.060	.0584

	* ABK	* ABL	* ABM	* ABN	* ABP	* ABQ	* ABR
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.0855	.0855	.0855	.0855	.0855	.0855
3	.0833	.0832	.0835	.0832	.0831	.0828	.0830
4	.0812	.0810	.0815	.0805	.0808	.0803	.0803
5	.0793	.0790	.0795	.0777	.0787	.0778	.0775
6	.0775	.0770	.0777	.0754	.0766	.0753	.0745
7	.0757	.0757	.0762	.0732	.0743	.0730	.0715
8	.0742	.0745	.075	.0712	.0722	.0707	.0681
9	.0728	.0737	.074	.0692	.0700	.0685	.0653
10	.0717	.0730	.073	.0672	.0685	.0660	.0620
11	.0704	.0723	.072	.0652	.0672	.0638	.0600
12	.0692	.0715	.071	.0632	.0659	.0615	.0590
13	.0680	.0709	.070	.0612	.0646	.0590	.0580
14	.0668	.0700	.069	.0592	.0633	.0570	.0570
15	.0656	.0694	.068	.0572	.062	.0550	.0560
16	.0644	.0686	.067	.0552	.0607	.0530	.0550

	* ABS	* ABT
1	.089	.089
2	.0855	.0855
3	.0835	.0833
4	.0814	.0810
5	.0789	.0785
6	.0765	.0763
7	.0746	.0747
8	.0728	.0734
9	.0713	.0722
10	.0692	.0711
11	.0674	.0700
12	.0656	.0689
13	.064	.0678
14	.062	.0666
15	.060	.0655
16	.058	.0645

	ABU	ABV	ABW	ABX	ABY	ABZ	ACA
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.0865	.0865	.085	.085	.0865	.0865
3	.0834	.0835	.0840	.0832	.0827	.0840	.0840
4	.0814	.0815	.0815	.0803	.0798	.0815	.0815
5	.0795	.0797	.0786	.0775	.0771	.0790	.0790
6	.0777	.0775	.0761	.0746	.0720	.0761	.0764
7	.0759	.0732	.0728	.0715	.0653	.0730	.0735
8	.0745	.0720	.0704	.0697	.0621	.0704	.0720
9	.0730	.0708	.0680	.0678	.0589	.0676	.0706
10	.0718	.0691	.0663	.0665	.0557	.0650	.0680
11	.0710	.0674	.0637	.0645	.0525	.0624	.0640
12	.0703	.0657	.0614	.0625	.0493	.0596	.0604
13	.0695	.0640	.0590	.0605	.0461	.0570	.0565
14	.0688	.0623	.0567	.0585	.0429	.0544	.0526
15	.0680	.0606	.0543	.0565	.0429	.0517	.0489
16	.0670	.0589	.0519	.0545	.0429	.0490	.0450

	ADT	ADU	ADV	ADW	ADX	ADY	ADZ
1	.089	.089			.089	.089	.089
2	.0855	.0855			.0855	.0856	.085
3	.0835	.0835			.0835	.0832	.0834
4	.0811	.0813			.081	.081	.0801
5	.0788	.0787			.0788	.0785	.0762
6	.077	.0752			.0738	.0765	.0732
7	.0756	.0732			.067	.075	.0702
8	.074	.0707			.061	.0734	.0687
9	.0734	.070			.0578	.072	.0672
10	.0727	.0677			.0548	.0707	.066
11	.0719	.0656			.053	.0691	.065
12	.071	.0635			.0516	.0679	.064
13	.0700	.0616			.050	.0665	.0627
14	.069	.0596			.0483	.065	.0616
15	.068	.0576			.0468	.0636	.0606
16	.067	.0553			.045	.062	.0595

	ACB	ACC	ACD	ACE	ADA	ADB	ADC
1	.089	.089	.089	.089	.089	.089	.089
2	.0865	.085	.085	.085	.0865	.0865	.085
3	.0840	.0834	.0828	.083	.0838	.0840	.0822
4	.0815	.0812	.0806	.0806	.0812	.0810	.0806
5	.0790	.0794	.0779	.0785	.0781	.0780	.0785
6	.0757	.0775	.0752	.0744	.0751	.0750	.0763
7	.0724	.0758	.0713	.0722	.0715	.0715	.0742
8	.0704	.0744	.068	.0709	.0691	.0678	.0720
9	.0675	.0728	.0665	.0698	.0649	.0642	.0700
10	.0640	.0715	.065	.0683	.0621	.0615	.0685
11	.0615	.0700	.0635	.067	.0591	.0586	.0672
12	.0590	.0685	.062	.0659	.0565	.0560	.0659
13	.0565	.0670	.0605	.0646	.0538	.0532	.0646
14	.0540	.0655	.059	.0633	.0509	.0505	.0633
15	.0515	.0640	.0575	.062	.0481	.0477	.0620
16	.0490	.0625	.056	.0607	.0455	.0450	.0607

	AEA	AEB	AEC		BA	BB
1	.089	.089	.090	1	.089	.089
2	.085	.0855	.087	2	.0856	.085
3	.0835	.0835	.0842	3	.0822	.0825
4	.0815	.0812	.0817	4	.0805	.080
5	.0797	.0787	.0790	5	.0794	.0775
6	.0781	.0762	.0757	6	.0777	.075
7	.0767	.0743	.0718	7	.0760	.0725
8	.0757	.0724	.0681	8	.0743	.070
9	.0750	.0708	.0645	9	.0727	.0675
10	.0745	.0691	.0610	10	.0710	.065
11	.0740	.0674	.0580	11	.0694	.0625
12	.0735	.0656	.0550	12	.0677	.060
13	.0730	.0640	.0523	13		.0575
14	.0725	.0620	.0497			
15	.0720	.0600	.0470			
16	.0715	.0580	.0445			

	ADD	ADE	ADF	ADG	ADH	ADJ	ADK
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.0855	.085	.0855	.0855	.08725	.0865
3	.0828	.0832	.0822	.0833	.0835	.0844	.0838
4	.0803	.0807	.0803	.0808	.0811	.0824	.0812
5	.0778	.0787	.0775	.0780	.0783	.0803	.078
6	.0753	.0765	.0746	.0754	.0757	.0782	.0749
7	.0730	.0725	.0730	.0732	.0727	.0764	.0708
8	.0707	.0715	.0707	.0718	.0721	.0750	.0661
9	.0685	.0708	.0685	.0701	.0710	.0740	.0619
10	.0660	.0691	.0660	.0688	.0700	.0730	.0594
11	.0638	.0674	.0638	.0672	.069	.0722	.057
12	.0615	.0657	.0615	.0656	.068	.0715	.0546
13	.0590	.064	.059	.064	.067	.071	.0522
14	.0570	.0623	.057	.062	.066	.0705	.050
15	.0550	.0606	.055	.060	.065	.070	.0474
16	.0530	.0589	.053	.058	.064	.0695	.045

	BD	BE	BF	BG	BH	BI	BJ
1	.090	.089	.089	.089	.089	.089	.089
2	.0856	.084	.085	.085	.085	.0855	.0855
3	.0822	.0805	.082	.0815	.0812	.0808	.0824
4	.0805	.0773	.0796	.0782	.0775	.0777	.0794
5	.0794	.074	.0764	.0745	.0753	.0751	.0769
6	.0777	.0705	.072	.0695	.074	.073	.0749
7	.0760	.067	.068	.0647	.0731	.0714	.0734
8	.0750	.0634	.0635	.060	.0722	.0705	.0725
9	.0740	.060	.0591	.0557	.0714	.0701	.0721
10	.0730	.0565	.0549	.0515	.0705	.0697	.0717
11	.0720	.053	.0505	.0474	.0696	.0694	.0714
12	.0710	.0495	.0463	.043	.0688	.069	.071
13		.046	.042	.039	.068		

	ADL	ADM	ADN	ADP	ADQ	ADR	ADS
1	.089	.090	.090	.089	.090	.086	.089
2	.0865	.08675	.08725	.085	.08675	.0852	.085
3	.0838	.0837	.0845	.0833	.0838	.0843	.0838
4	.0812	.0812	.0825	.0813	.0813	.0826	.0811
5	.0781	.0787	.0802	.0783	.0788	.0806	.0768
6	.075	.076	.0779	.0748	.075	.0786	.0739
7	.071	.0735	.076	.0725	.0735	.0766	.0709
8	.0678	.0709	.0742	.0712	.0713	.074	.0691
9	.064	.0683	.0732	.0696	.0692	.0711	.0682
10	.0608	.0658	.0724	.0685	.067	.0681	.0665
11	.0584	.0632	.0716	.0675	.065	.0652	.065
12	.0557	.0605	.0708	.0656	.063	.0625	.064
13	.0531	.058	.0700	.064	.061	.0598	.0627
14	.0505	.0555	.0693	.062	.0593	.0572	.0616
15	.048	.053	.0685	.060	.0575	.0546	.0603
16	.0455	.050	.0678	.058	.055	.0521	.059

	BK	BL	BM	BN	BO	BP	BQ
1	.089	.089	.089	.089	.089	.089	.089
2	.0855	.0855	.0855	.0855	.0855	.085	.085
3	.0815	.081	.0805	.0816	.0835	.0814	.082
4	.0785	.0777	.0768	.0784	.0815	.078	.079
5	.0762	.075	.074	.0758	.080	.074	.075
6	.0738	.073	.072	.0738	.0787	.0715	.0725
7	.0722	.0715	.0705	.0724	.077	.0695	.0705
8	.0715	.0707	.0695	.0714	.0757	.0673	.0685
9	.071	.070	.0692	.0707	.075	.065	.0662
10	.0706	.0698	.0688	.0703	.074	.0625	.064
11	.0703	.0693	.0684	.0701	.073	.060	.0616
12	.070	.069	.068	.070	.072	.058	.0594
13	.0695	.0688			.071	.056	.067

	BR	BS	BT	BU	BV	BW	BX
1	.089	.088	.088	.090	.089	.089	.089
2	.085	.0856	.0856	.085	.0845	.0855	.085
3	.0817	.0836	.0835	.080	.081	.0818	.0805
4	.0785	.0817	.0813	.077	.0785	.079	.077
5	.0757	.0798	.0792	.0745	.076	.0765	.075
6	.075	.0778	.0771	.072	.074	.0742	.0735
7	.0741	.076	.0749	.0695	.072	.0718	.072
8	.0735	.074	.0726	.0675	.070	.0693	.0705
9	.0728	.072	.0705	.0655	.068	.067	.0687
10	.072	.0701	.0684	.0625	.066	.0645	.067
11	.071	.0683	.0663	.0602	.064	.062	.0655
12	.070	.0664	.064	.058	.062	.0596	.064
13	.069			.056	.060	.057	

	CT	CU	CW	CX	CY	CZ	D1
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.085	.085	.085	.085	.085	.085
3	.081	.0825	.081	.081	.080	.0827	.082
4	.077	.080	.079	.0796	.076	.0806	.0802
5	.0738	.0775	.078	.0788	.0738	.0785	.0793
6	.0706	.0735	.077	.078	.0715	.0745	.0785
7	.0675	.0715	.0763	.0771	.0695	.0727	.0776
8	.0643	.070	.0754	.0763	.068	.071	.077
9	.061	.0683	.0745	.0755	.067	.0693	.0764
10	.058	.0665	.0736	.0748	.066	.0675	.0759
11	.0547	.0647	.0727	.074	.0655	.0657	.0752
12	.0515	.0630	.0718	.073	.065	.064	.0748
13	.0485	.0610			.0645	.0625	

	BX1	BY	BZ	BB2	BB3	BB4	C
1	.089	.088	.088	.0890	.0890	.0890	.089
2	.085	.084	.0843	.085	.085	.085	.0845
3	.0827	.0805	.081	.081	.081	.081	.081
4	.081	.0775	.0752	.0787	.078	.078	.077
5	.0792	.0745	.0719	.0762	.075	.0742	.0742
6	.0777	.0725	.0686	.0735	.0718	.0706	.071
7	.076	.0709	.0653	.0712	.0687	.067	.0683
8	.075	.069	.0622	.0685	.0654	.0638	.066
9	.074	.067	.069	.0659	.0622	.0602	.0635
10	.073	.0653	.056	.0632	.0589	.0564	.0613
11	.072	.0635	.053	.0604	.0554	.0528	.0594
12	.071	.062	.050	.0577	.0526	.0496	.0575
13		.060	.047	.055	.0494	.046	.056

	D2	D3	D4	D6	D7	D8	D9
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.085	.0855	.0855	.0855	.085	.0852
3	.0815	.083	.0825	.0825	.0817	.0817	.0825
4	.0800	.081	.0805	.0805	.0795	.0785	.0806
5	.0795	.080	.079	.0793	.0785	.0767	.0791
6	.0790	.0794	.078	.0785	.0778	.076	.0778
7	.0785	.0785	.0767	.0776	.077	.075	.0764
8	.0780	.0778	.0756	.077	.0765	.074	.075
9	.0775	.0772	.0745	.0764	.0759	.073	.0736
10	.0770	.0764	.0733	.0759	.0752	.072	.0723
11	.0765	.0757	.0721	.0752	.0747	.071	.071
12	.0760	.075	.071	.0748	.074	.070	.0696

	CA	CB	CC	CD	CE	CF	CG
1	.089	.089	.089	.089	.089	.089	.090
2	.0855	.085	.085	.085	.085	.085	.084
3	.084	.0805	.081	.0815	.082	.083	.081
4	.0825	.077	.078	.0775	.0795	.0805	.079
5	.081	.0745	.075	.0735	.0777	.0787	.0765
6	.0807	.0725	.0725	.070	.076	.0767	.075
7	.0803	.071	.0698	.069	.0745	.0747	.0735
8	.0803	.0695	.067	.0678	.0735	.0727	.0722
9	.0803	.068	.064	.0666	.072	.0707	.0707
10	.0803	.0665	.061	.0654	.071	.0687	.0693
11	.0803	.065	.058	.0643	.0695	.0667	.0678
12	.0803	.0635	.055	.063	.0682	.0647	.0664
13	.0803	.062	.052	.062	.067		.065

	DA	DB	DC	DD	DE	DH	DJ
1	.089	.089	.089	.089	.089	.089	.089
2	.084	.085	.084	.0855	.0855	.085	.085
3	.082	.082	.082	.0835	.0825	.0822	.0822
4	.080	.080	.0805	.0817	.0802	.080	.0795
5	.0788	.078	.0796	.0798	.0772	.0775	.0765
6	.0784	.0753	.0794	.0782	.0745	.074	.073
7	.0780	.0717	.0792	.0767	.0734	.072	.071
8	.0776	.0674	.0790	.0752	.0729	.071	.070
9	.0773	.062	.0787	.0740	.0723	.070	.069
10	.0769	.0557	.0785	.0730	.0717	.069	.068
11	.0765	.0493	.0783	.0720	.0712	.068	.067
12	.0761	.043	.0780	.0710	.0707	.067	.066
13		.0368				.066	.065

	CH	CJ	CK	CL	CM	CN	CO
1	.090	.090	.090	.090	.088	.089	.089
2	.084	.084	.084	.084	.084	.085	.085
3	.0805	.0815	.081	.080	.0805	.0812	.081
4	.0782	.0795	.079	.0775	.0775	.078	.0787
5	.0767	.0775	.0775	.076	.074	.075	.0765
6	.076	.0761	.077	.075	.0718	.072	.0747
7	.0756	.0747	.0766	.0746	.070	.069	.073
8	.0752	.0734	.0762	.0742	.0685	.0665	.0725
9	.0747	.072	.0757	.0737	.0668	.064	.072
10	.0743	.0705	.0753	.0733	.0652	.062	.0717
11	.0738	.0692	.0749	.0728	.0635	.060	.0714
12	.0733	.0677	.0745	.0724	.062	.058	.071
13	.073	.0664	.074	.072	.060	.056	

	DK	DL	DM	DN	DP	DQ	DR
1	.089	.089	.089	.0885	.089	.089	.088
2	.085	.085	.084	.085	.085	.085	.085
3	.0817	.082	.081	.082	.081	.0815	.080
4	.0787	.0795	.0791	.080	.0777	.0785	.0768
5	.0755	.077	.0780	.0782	.075	.076	.0735
6	.072	.0745	.0775	.077	.0735	.073	.0705
7	.070	.0715	.0770	.076	.0723	.071	.0675
8	.069	.070	.0765	.075	.0715	.070	.065
9	.068	.0685	.0760	.074	.071	.069	.0635
10	.067	.067	.0755	.0728	.0703	.068	.0627
11	.066	.0655	.0750	.0717	.0698	.067	.0618
12	.066	.064	.0745	.0705	.069	.066	.0608
13	.064	.0625			.0688	.065	.060

	CP	CP4	CQ	CR	CS	CS1	CS2
1	.089	.088	.088	.088	.089	.089	.089
2	.085	.0852	.0852	.0852	.085	.085	.085
3	.0813	.0825	.0825	.083	.0822	.081	.081
4	.0793	.079	.0798	.0805	.0792	.077	.077
5	.0775	.0757	.0768	.078	.0765	.073	.073
6	.0757	.0725	.0737	.0754	.0725	.0692	.069
7	.074	.069	.0706	.0725	.0706	.066	.065
8	.0735	.0655	.0676	.0697	.069	.063	.0615
9	.073	.062	.0646	.067	.0672	.060	.058
10	.0725	.0585	.0615	.064	.0655	.057	.0546
11	.072	.0545	.0585	.0613	.0638	.054	.051
12	.0715	.051	.0555	.0585	.062	.051	.0475
13		.047	.0525	.0556	.0605	.048	.044

	DS	DT	DU	DV	DW	DY	DZ
1	.089	.088	.089	.089	.089	.089	.089
2	.085	.084	.085	.084	.085	.085	.085
3	.0805	.081	.081	.0822	.0815	.079	.0827
4	.0776	.078	.0775	.081	.0795	.0765	.0795
5	.0759	.076	.0755	.0792	.0780	.074	.077
6	.074	.074	.074	.0781	.0765	.0715	.0745
7	.0725	.0723	.073	.078	.0752	.069	.0715
8	.071	.0712	.072	.078	.074	.0665	.070
9	.0695	.0709	.071	.078	.0728	.0643	.0685
10	.068	.0705	.070	.078	.0714	.062	.067
11	.067	.0703	.069	.078	.070	.061	.0655
12	.066	.0701	.068	.078	.0686	.060	.064
13		.070				.059	.0625

	E2	E21	E3	E31	E4	EA	EB
1	.088	.089	.088	.088	.088	.089	.089
2	.0845	.085	.0862	.0845	.084	.085	.0855
3	.081	.0826	.083	.0817	.080	.081	.0835
4	.0775	.0788	.0803	.079	.078	.078	.0815
5	.075	.0763	.0775	.076	.076	.075	.0795
6	.0725	.0736	.0747	.073	.0739	.072	.0777
7	.070	.0711	.072	.070	.0718	.0695	.0762
8	.0675	.0685	.0693	.0675	.0695	.067	.075
9	.0646	.066	.0665	.0646	.0673	.0645	.074
10	.0626	.064	.0638	.0626	.0631	.062	.073
11	.0605	.062	.062	.0605	.063	.0595	.072
12	.059	.060	.060	.059	.061	.057	.071
13	.057	.058	.0582	.057	.059	.0545	

	EC	ED	EE	EF	EG	EH	EI
1	.089	.089	.089	.089	.088	.089	.089
2	.085	.085	.085	.085	.085	.085	.085
3	.081	.0825	.080	.082	.080	.082	.081
4	.0775	.0805	.0777	.0795	.0768	.0805	.0775
5	.0740	.0785	.075	.077	.074	.0788	.073
6	.0705	.076	.0735	.074	.071	.0775	.069
7	.0675	.074	.072	.072	.0685	.077	.066
8	.0645	.072	.0715	.071	.0665	.077	.0635
9	.0625	.070	.0709	.070	.065	.077	.0618
10	.0605	.068	.0703	.069	.0637	.077	.060
11	.0585	.066	.0696	.068	.062	.077	.059
12	.0570	.064	.069	.067	.061	.077	.058
13	.0555	.062		.066	.060	.077	.057

	EJ	EK	EL	EM	EN	EO	EP
1	.089	.089	.089	.089	.089	.088	.089
2	.085	.085	.085	.085	.085	.085	.085
3	.0805	.0827	.080	.081	.0813	.0806	.0835
4	.076	.081	.0775	.078	.0778	.0773	.0815
5	.0715	.0792	.0747	.0763	.074	.0746	.0795
6	.068	.0777	.072	.0747	.0706	.072	.0775
7	.065	.0762	.070	.073	.068	.0697	.0755
8	.0625	.075	.068	.0725	.0657	.0677	.075
9	.0605	.075	.066	.072	.0643	.0668	.075
10	.059	.075	.064	.0715	.0632	.0659	.075
11	.058	.075	.062	.071	.062	.055	.075
12	.057	.075	.060	.0705	.061	.064	.075
13	.056		.058		.060	.063	

	EQ	ER	ES	ET	EU	EV	EW
1	.089	.089	.089	.088	.089	.090	.089
2	.085	.085	.085	.086	.085	.0855	.085
3	.0817	.0833	.0818	.0845	.0825	.0815	.0825
4	.0785	.081	.079	.0825	.0805	.078	.081
5	.076	.0777	.077	.0803	.0785	.075	.079
6	.0746	.074	.0755	.0781	.077	.0725	.0775
7	.0732	.0725	.0748	.0773	.0755	.0705	.0755
8	.072	.0712	.074	.077	.0745	.069	.0745
9	.071	.0706	.073	.077	.074	.068	.074
10	.070	.0706	.073	.077	.074	.067	.074
11	.069	.0706	.073	.077	.074	.066	.074
12	.068		.073			.065	

	EX	EX/1	EY	EZ	FA	FB	FC
1	.088	.088	.088	.088	.089	.089	.090
2	.0862	.0865	.0856	.0865	.085	.085	.0865
3	.0835	.084	.0835	.0838	.081	.0806	.083
4	.081	.0816	.0812	.0798	.077	.0767	.0795
5	.0785	.0794	.0789	.0775	.072	.0729	.076
6	.076	.077	.0741	.0751	.067	.070	.073
7	.0735	.0745	.0716	.0737	.063	.0687	.071
8	.071	.072	.0708	.0726	.060	.0676	.070
9	.0685	.0698	.0704	.0716	.0585	.0667	.069
10	.066	.0675	.0701	.0706	.0576	.0658	.068
11	.0635	.065	.0698	.0696	.0567	.065	.067
12	.061	.0627			.056	.0643	.066
13	.058	.0602			.055	.0635	.065

	FD	FE	FF	FG	FH	FI	FJ
1	.088	.089	.089	.089	.089	.089	.090
2	.0865	.085	.0856	.085	.085	.085	.085
3	.084	.081	.0822	.0795	.082	.0825	.081
4	.0805	.0775	.079	.075	.080	.079	.0775
5	.078	.074	.0757	.071	.079	.076	.076
6	.076	.071	.072	.0678	.078	.073	.0745
7	.075	.0695	.0700	.065	.077	.0705	.0725
8	.074	.0686	.0672	.0625	.076	.0693	.071
9	.073	.0678	.0651	.060	.075	.0682	.070
10	.072	.0671	.0639	.058	.074	.067	.068
11	.071	.0664	.0622	.056	.073	.0656	.0665
12		.0657		.054	.072	.064	.065
13		.065		.052		.063	

	FK	FL	FM	FN	FO	FP	FQ
1	.089	.089	.090	.089	.089	.0896	.0890
2	.085	.085	.083	.085	.085	.0855	.0850
3	.083	.079	.0796	.081	.0818	.0826	.0820
4	.0812	.0765	.0772	.0775	.0785	.0799	.0795
5	.0796	.074	.075	.0735	.076	.0778	.0774
6	.0784	.0715	.0727	.069	.0745	.0762	.0758
7	.0772	.069	.0703	.066	.0731	.0754	.0745
8	.076	.0665	.068	.063	.0729	.0750	.0735
9	.0748	.065	.0657	.061	.0727	.0743	.0725
10	.0736	.065	.0635	.058	.0725	.0735	.0715
11	.0724	.065	.0612	.055	.0723	.0728	.0705
12	.0712		.060		.0721	.0720	.0695

	FR	FS	FT	FU	FV	FW	FX
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.085	.085	.085	.085	.085	.0855
3	.081	.0827	.082	.082	.083	.081	.0827
4	.078	.081	.0795	.080	.080	.0775	.080
5	.075	.0785	.0772	.078	.0773	.075	.0775
6	.0728	.076	.0753	.0763	.0745	.0725	.075
7	.0705	.075	.0738	.075	.0715	.070	.0715
8	.0685	.074	.0728	.074	.0686	.0675	.068
9	.0663	.073	.0724	.0733	.0658	.0665	.0653
10	.0642	.072	.072	.0728	.0647	.0665	.0627
11	.0622	.071	.072	.0724	.0636	.0665	.060
12	.060	.070	.072	.0714	.0625	.0665	.059
13					.0614	.0665	.058

	FY	FZ	G2	GA	GB	GC	GD
1	.090	.089	.0875	.089	.089	.089	.089
2	.085	.085	.0835	.085	.085	.085	.085
3	.081	.0813	.081	.0795	.082	.083	.0833
4	.0775	.0789	.0785	.077	.0795	.080	.081
5	.075	.077	.0765	.074	.0771	.0773	.079
6	.0735	.0756	.0745	.0715	.0748	.0740	.0766
7	.072	.0748	.0725	.069	.073	.0705	.0753
8	.071	.074	.0705	.067	.0712	.0665	.0743
9	.070	.0735	.069	.065	.0696	.0630	.0738
10	.068	.073	.0674	.0632	.0685	.0605	.0738
11	.066	.0725	.066	.0615	.068	.0590	.0738
12	.064	.072	.0642	.0597	.067	.0575	.0738
13	.062		.058		.0560		

	GE	GE/R	GF	GG	GH	GI	GJ
1	.089	.089	.089	.089	.089	.089	.089
2	.0845	.085	.085	.087	.0845	.085	.084
3	.082	.0825	.0795	.0845	.082	.0825	.0817
4	.0793	.0795	.077	.0825	.0786	.079	.0792
5	.0766	.076	.0745	.0808	.0753	.075	.0770
6	.0739	.0725	.073	.079	.0695	.0715	.0745
7	.0712	.069	.072	.078	.0635	.069	.0717
8	.0686	.066	.0715	.077	.0586	.067	.0696
9	.0656	.064	.071	.0758	.0570	.0665	.0675
10	.0643	.062	.0703	.0745	.0565	.0665	.0654
11	.0627	.0615	.0696	.0732	.0565	.0665	.0632
12	.0627	.061	.069	.072	.0565	.0665	.0611
13	.0627	.0605					.059

	GL	GM	GN	GO	GP	GR	GS
1	.089	.089	.089	.089	.089	.089	.089
2	.084	.086	.0855	.086	.085	.085	.085
3	.082	.0842	.0835	.0845	.080	.082	.0815
4	.0795	.0817	.081	.0825	.076	.079	.0785
5	.0772	.0782	.078	.0792	.076	.077	.0755
6	.075	.0770	.0755	.0777	.0725	.075	.0725
7	.0727	.0758	.0725	.0765	.0696	.073	.070
8	.0706	.0750	.070	.0755	.0666	.071	.0675
9	.0685	.0745	.0675	.0750	.0636	.069	.0650
10	.0664	.0740	.0650	.0745	.0606	.067	.0625
11	.0642	.0735	.0625	.0740	.0577	.065	.060
12	.0621	.0730	.060	.0735	.055	.063	.0575
13	.060		.0575	.0730	.052	.061	.055

	GT	GU	GV	GW	GX	GY	GZ
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.0855	.0855	.085	.0855	.0855	.0855
3	.082	.083	.0836	.083	.0835	.0832	.0835
4	.0795	.0805	.082	.080	.0815	.0812	.0811
5	.077	.0775	.0804	.0775	.0795	.079	.0788
6	.0745	.0745	.080	.076	.0775	.077	.0765
7	.071	.0705	.0796	.0745	.0755	.0753	.0742
8	.0675	.067	.0793	.073	.0735	.074	.072
9	.0640	.0635	.0793	.0715	.072	.073	.0698
10	.0605	.060	.0793	.070	.070	.072	.0676
11	.0570	.0565	.0793	.0685	.068	.071	.0655
12	.0535	.053	.0793	.067	.066	.070	.0631
13	.050		.0793	.066	.064	.069	.061

	H1	H2	H4	H6	HA	HB	HC
1	.088	.088	.089	.089	.089	.089	.089
2	.085	.085	.085	.0855	.085	.085	.0855
3	.082	.082	.081	.082	.0825	.0825	.0822
4	.0792	.0792	.0778	.080	.0805	.0805	.0805
5	.0762	.0762	.076	.078	.0785	.0785	.0785
6	.0735	.0735	.0741	.076	.077	.0776	.077
7	.0707	.0707	.072	.074	.0756	.0764	.0755
8	.0686	.0684	.0702	.072	.074	.0752	.0751
9	.0665	.0661	.0683	.070	.0727	.0743	.0747
10	.0644	.0638	.0663	.068	.0711	.0732	.0743
11	.0622	.0615	.064	.066	.0698	.072	.0739
12	.0601	.0592	.062	.064	.068	.071	.0735
13	.058	.057			.067	.070	

	HD	HE	HF	HG	HV2	HV3	HV4
1	.089	.090	.090	.089	.089	.089	.089
2	.0855	.0845	.0845	.0845	.084	.084	.084
3	.0825	.0817	.082	.0823	.080	.080	.080
4	.081	.080	.0805	.0802	.0778	.078	.0782
5	.0795	.0787	.0797	.0782	.0756	.076	.0764
6	.078	.078	.079	.0753	.0734	.074	.0746
7	.0766	.0776	.0787	.0737	.0712	.072	.0728
8	.0762	.0772	.0784	.072	.069	.070	.071
9	.0758	.0769	.078	.070	.0668	.068	.0692
10	.0754	.0766	.0776	.068	.0646	.066	.0674
11	.0751	.0763	.0774	.066	.0626	.064	.0656
12	.0748	.0759	.077	.064	.0602	.062	.0638
13		.0755	.0766	.062	.058	.060	.062

	JM	L	L11	L12	LS
1	.089	.089	.089	.089	.088
2	.085	.085	.084	.085	.085
3	.081	.081	.0801	.081	.080
4	.078	.079	.0772	.078	.077
5	.0752	.077	.0745	.0755	.0735
6	.0729	.075	.0722	.073	.0705
7	.0702	.0735	.0702	.0702	.068
8	.068	.072	.0675	.0675	.0658
9	.0653	.071	.065	.065	.0636
10	.0627	.070	.0625	.0625	.0613
11	.060	.069	.060	.060	.059
12	.059	.068	.0575	.0575	.057
13	.058		.055	.055	.055

	LS1	M	M1	M2	M5	M6
1	.088	.089	.089	.089	.089	.089
2	.085	.0855	.085	.085	.085	.085
3	.080	.0832	.0817	.0817	.0817	.0817
4	.0765	.0808	.0796	.080	.0792	.0801
5	.073	.0785	.0777	.0785	.0776	.0786
6	.071	.0763	.0757	.0765	.076	.077
7	.0698	.0745	.0737	.0745	.0745	.0754
8	.0678	.0726	.0717	.0725	.0729	.0738
9	.066	.0707	.0698	.0705	.0712	.0723
10	.064	.0688	.0678	.0688	.0696	.0707
11	.062	.0669	.0659	.0669	.068	.0691
12	.060	.065	.064	.0665	.0666	.0676
13	.058					

	M7	M8	M9	MA	MB	MME	MO
1	.089	.089	.089	.089	.089	.089	.089
2	.085	.086	.085	.085	.085	.085	.0855
3	.0822	.0827	.0827	.0817	.0815	.0813	.0835
4	.0807	.0812	.081	.0795	.079	.078	.0815
5	.0792	.0797	.0792	.078	.0767	.074	.080
6	.0777	.0782	.0777	.0765	.074	.0707	.07875
7	.0762	.0767	.0762	.075	.0715	.0673	.0775
8	.0747	.0752	.0747	.0735	.068	.0636	.07625
9	.0732	.0737	.0732	.072	.0653	.060	.075
10	.0717	.0722	.0717	.0705	.0627	.0563	.07375
11	.0702	.0707	.0702	.069	.060	.053	.0725
12	.0687	.0692	.0687	.0675	.059	.0495	.07125
13					.058	.046	

	MOW	MW	1	2	3	4
1	.089	.089	.089	.089	.089	.089
2	.0855	.0855	.085	.085	.085	.085
3	.0837	.084	.0814	.0814	.0814	.0814
4	.082	.0825	.0785	.0785	.0785	.0785
5	.0808	.0813	.077	.0767	.0765	.0761
6	.0795	.0803	.0755	.0749	.0744	.0737
7	.0783	.0792	.074	.0732	.0723	.0714
8	.077	.078	.0725	.0714	.0703	.0692
9	.0758	.0768	.071	.0696	.0683	.0668
10	.0745	.0757	.0695	.0678	.0661	.0645
11	.0732	.0746	.068	.066	.064	.062
12	.072	.0735	.067	.065	.063	.061
13			.066	.064	.062	.060

	5	6	7	20	21	24	24A
1	.089	.089	.089	.089	.089	.088	.088
2	.085	.085	.085	.0855	.0855	.0845	.0845
3	.0814	.0814	.0814	.0822	.0827	.0815	.0815
4	.0785	.0785	.0785	.0792	.080	.0785	.0785
5	.0758	.0755	.0755	.076	.0775	.0755	.076
6	.0733	.0725	.072	.073	.075	.0725	.0738
7	.0705	.0696	.0686	.0703	.0723	.0702	.0716
8	.068	.0666	.065	.0677	.0697	.0682	.0698
9	.0653	.0636	.062	.0647	.0671	.0667	.068
10	.0627	.0606	.0587	.0624	.0646	.065	.066
11	.060	.0577	.0553	.060	.0628	.0636	.064
12	.059	.055	.052	.058	.0608	.0625	.062
13	.058	.052	.049	.056	.059	.061	.060

	24B	61	62	68	80	81
1	.088	.089	.089	.089	.089	.089
2	.0845	.085	.085	.085	.085	.085
3	.0815	.0805	.081	.0805	.080	.080
4	.0795	.0775	.078	.0785	.078	.077
5	.0775	.0745	.075	.0765	.0758	.0742
6	.0755	.0725	.0734	.075	.0733	.0719
7	.0735	.0709	.0719	.074	.0705	.0699
8	.0715	.069	.070	.073	.068	.068
9	.0695	.067	.0685	.072	.0653	.0653
10	.0675	.0653	.067	.071	.0627	.0627
11	.0655	.0635	.065	.070	.060	.060
12	.0635	.062	.0635	.069	.059	.059
13	.0615	.060	.062		.058	.058

	O7	P4	P6	P61	PJ
1	.089	.088	.088	.088	.089
2	.085	.0845	.0845	.0845	.085
3	.0815	.081	.081	.081	.0822
4	.0795	.0785	.0775	.077	.0807
5	.078	.0755	.0738	.0746	.0796
6	.077	.073	.0703	.0715	.079
7	.076	.070	.067	.0684	.0785
8	.075	.0675	.0638	.0653	.078
9	.074	.0645	.0603	.062	.0775
10	.073	.06175	.057	.059	.077
11	.072	.059	.054	.056	.0765
12	.071	.0562	.0505	.053	.076
13		.0535	.0473	.050	

	S6	T8	V2	V3	VS
1	.089	.089	.089	.089	.089
2	.085	.085	.085	.085	.085
3	.0805	.081	.082	.0826	.081
4	.077	.078	.0795	.0804	.077
5	.0743	.075	.0775	.0783	.0748
6	.0715	.073	.0756	.0764	.0725
7	.069	.071	.0738	.0746	.071
8	.0666	.0698	.0718	.0726	.0695
9	.064	.0678	.0698	.0706	.068
10	.062	.066	.0678	.0686	.0665
11	.059	.064	.0658	.0666	.065
12	.0568	.062	.064	.0646	.0635
13	.0545	.060			

	QA	QW	R3	R6	R32	RL8
1	.089	.089	.089	.089	.088	.089
2	.085	.085	.085	.085	.084	.085
3	.082	.0825	.0805	.081	.0805	.081
4	.0796	.0802	.0776	.077	.0776	.077
5	.077	.0780	.0759	.0732	.0759	.0732
6	.0745	.0755	.074	.070	.074	.0693
7	.072	.0731	.0722	.0665	.0722	.066
8	.0695	.0708	.0703	.063	.0703	.0626
9	.0668	.0685	.0687	.060	.0687	.0592
10	.0642	.066	.067	.057	.067	.056
11	.0615	.0636	.065	.054	.065	.0526
12	.059	.0613	.0632	.051	.0632	.0495
13	.0565	.059		.048		.046

	W3	WX	WX1
1	.088	.089	.089
2	.083	.085	.085
3	.0805	.0814	.082
4	.078	.0785	.0795
5	.0763	.0775	.0777
6	.0745	.0765	.0765
7	.073	.0755	.0755
8	.071	.0746	.0746
9	.0694	.0736	.0736
10	.0677	.0728	.0728
11	.066	.0718	.0718
12	.065	.0709	.0709

	RLS	RO	RS	S	S4	S5
1	.089	.089	.089	.089	.0895	.0895
2	.085	.085	.085	.085	.0852	.0852
3	.0804	.081	.0823	.0822	.082	.0815
4	.076	.077	.081	.0806	.079	.078
5	.0725	.074	.0803	.079	.0765	.0753
6	.0692	.071	.0795	.0774	.0744	.073
7	.066	.0685	.0786	.0758	.0722	.0707
8	.0626	.066	.078	.074	.070	.0684
9	.0592	.0633	.0775	.0724	.0677	.0663
10	.056	.0605	.077	.0708	.0656	.0639
11	.0526	.058	.0765	.069	.0634	.0616
12	.0495	.0558	.076	.0675	.0612	.0593
13	.046	.053			.059	.057

0.100 Jet needles

A9		AKN					
1	.098	.099					
2	.0946	.0962					
3	.0913	.0933					
4	.088	.0905					
5	.085	.087					
6	.0834	.082					
7	.0818	.0782					
8	.0802	.0747					
9	.0787	.0718					
10	.077	.069					
11	.0755	.066					
12	.074	.063					
13	.0722	.060					
14	.0706	.057					
15		.054					
16		.051					

BAW		BAX		BAY		BAZ		BBB		BBB		BBC	
1	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099
2	.095	.0958	.0956	.0952	.0957	.0956	.095	.0956	.095	.095	.095	.095	.095
3	.0918	.0926	.0926	.0926	.0934	.0926	.0934	.0926	.093	.093	.093	.093	.093
4	.0887	.0896	.0895	.0896	.0899	.0896	.0899	.0896	.0902	.0902	.0902	.0902	.0902
5	.086	.0861	.0858	.0866	.0861	.0865	.0861	.0865	.0873	.0873	.0873	.0873	.0873
6	.0827	.0814	.0815	.0820	.0826	.0815	.0826	.0815	.0848	.0848	.0848	.0848	.0848
7	.0799	.0774	.0774	.0781	.0791	.0774	.0781	.0774	.0820	.0820	.0820	.0820	.0820
8	.0774	.0742	.0742	.0751	.0757	.0742	.0751	.0742	.0752	.0752	.0752	.0752	.0752
9	.0755	.0718	.0718	.0727	.0723	.0718	.0727	.0718	.0687	.0687	.0687	.0687	.0687
10	.0735	.0694	.0694	.0703	.0688	.0694	.0703	.0688	.0620	.0620	.0620	.0620	.0620
11	.0715	.0673	.0673	.0678	.0653	.0673	.0678	.0653	.0554	.0554	.0554	.0554	.0554
12	.070	.0652	.0652	.0654	.0618	.0652	.0654	.0618	.0487	.0487	.0487	.0487	.0487
13	.069	.063	.063	.0629	.0584	.063	.0629	.0584	.042	.042	.042	.042	.042
14	.068	.061	.061	.0605	.0550	.061	.0605	.0550	.042	.042	.042	.042	.042
15	.067	.059	.059	.058	.0516	.059	.058	.0516	.042	.042	.042	.042	.042
16	.065	.057	.057	.056	.0482	.057	.056	.0482	.042	.042	.042	.042	.042

BC		BAA		BAB		BAC		BAD		BAE		BAF	
1	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099
2	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095
3	.091	.0925	.0924	.0932	.0928	.0915	.093	.0915	.093	.0915	.093	.0915	.093
4	.088	.0895	.0897	.0907	.090	.0885	.0905	.0885	.0905	.0885	.0905	.0885	.0905
5	.085	.087	.0876	.0875	.0873	.0860	.0875	.0860	.0875	.0860	.0875	.0860	.0875
6	.0825	.085	.0858	.0852	.0852	.0840	.0832	.0840	.0832	.0840	.0832	.0840	.0832
7	.0803	.0823	.084	.0823	.083	.0815	.080	.0815	.080	.0815	.080	.0815	.080
8	.0785	.0792	.0822	.0763	.0808	.0790	.0768	.0790	.0768	.0790	.0768	.0790	.0768
9	.0765	.076	.0803	.0703	.0782	.0768	.0738	.0768	.0738	.0768	.0738	.0768	.0738
10	.075	.0729	.0784	.0642	.0755	.0743	.0709	.0743	.0709	.0743	.0709	.0743	.0709
11	.073	.0697	.0759	.058	.073	.0729	.0677	.0729	.0677	.0729	.0677	.0729	.0677
12	.072	.0665	.0734	.052	.0702	.0715	.0646	.0715	.0646	.0715	.0646	.0715	.0646
13	.071	.0633	.071	.046	.0675	.0700	.0616	.0700	.0616	.0700	.0616	.0700	.0616
14	.070	.060	.069	.040	.065	.0685	.0584	.0685	.0584	.0685	.0584	.0685	.0584
15		.0567	.067	.040	.0624	.0670	.0554	.0670	.0554	.0670	.0554	.0670	.0554
16		.0534	.065	.040	.0598	.0655	.0523	.0655	.0523	.0655	.0523	.0655	.0523

BAG		BAH		BAJ		BAK		BAL		BAM		BAN	
1	.099	.0995	.099	.099	.0972	.099	.099	.099	.099	.099	.099	.099	.099
2	.095	.0967	.095	.095	.0957	.095	.095	.095	.095	.095	.095	.095	.095
3	.0928	.0939	.0932	.0932	.0926	.0915	.0925	.0915	.0925	.0915	.0925	.0915	.0925
4	.090	.0909	.0905	.0907	.0898	.088	.0905	.088	.0905	.088	.0905	.088	.0905
5	.0873	.0881	.0877	.0875	.0870	.0848	.0882	.0848	.0882	.0848	.0882	.0848	.0882
6	.0845	.0848	.0845	.0852	.0826	.0821	.0853	.0821	.0853	.0821	.0853	.0821	.0853
7	.081	.0781	.081	.0823	.0787	.0796	.082	.0796	.082	.0796	.082	.0796	.082
8	.0782	.074	.0782	.0792	.0752	.0773	.079	.0773	.079	.0773	.079	.0773	.079
9	.0758	.0703	.0758	.076	.0727	.0750	.0755	.0750	.0755	.0750	.0755	.0750	.0755
10	.0735	.0677	.0735	.0729	.0703	.0730	.0725	.0730	.0725	.0730	.0725	.0730	.0725
11	.0713	.0661	.0713	.0697	.0678	.0713	.0698	.0697	.0698	.0697	.0698	.0697	.0698
12	.069	.0649	.069	.0665	.0653	.0692	.0668	.0665	.0668	.0665	.0668	.0665	.0668
13	.067	.0636	.067	.0633	.0629	.0672	.0638	.0629	.0638	.0629	.0638	.0629	.0638
14	.0648	.0624	.0648	.060	.0605	.0650	.0608	.0605	.0608	.0605	.0608	.0605	.0608
15	.0625	.0618	.0625	.0568	.0580	.0630	.0578	.0580	.0578	.0580	.0578	.0580	.0578
16	.0603	.0618	.0603	.0536	.0555	.0610	.0548	.0555	.0548	.0555	.0548	.0555	.0548

BBL		BBM		BBN		BBP		BBQ		BBR		BBS	
1	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099
2	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095
3	.0925	.093	.0925	.0912	.093	.0926	.0915	.093	.0926	.0915	.0926	.0915	.0926
4	.0893	.0905	.0905	.0886	.0908	.0902	.0885	.0908	.0902	.0885	.0908	.0902	.0885
5	.0862	.087	.0874	.0859	.0877	.0881	.0870	.0877	.0881	.0870	.0877	.0881	.0870
6	.083	.0843	.0862	.0832	.0852	.0861	.0850	.0852	.0861	.0850	.0852	.0861	.0850
7	.0825	.0795	.0846	.0803	.0813	.0840	.0823	.0813	.0840	.0823	.0813	.0840	.0823
8	.082	.075	.083	.0775	.0795	.0825	.0806	.0795	.0825	.0806	.0795	.0825	.0806
9	.0818	.074	.082	.0752	.0777	.0810	.0792	.0777	.0810	.0792	.0777	.0810	.0792
10	.0808	.073	.0805	.0727	.076	.0788	.0777	.076	.0788	.0777	.076	.0788	.0777
11	.0798	.071	.080	.0710	.0744	.0770	.0763	.0744	.0770	.0763	.0744	.0770	.0763
12	.0788	.069	.079	.0689	.072	.0750	.0748	.072	.0750	.0748	.072	.0750	.0748
13	.0778	.067	.078	.0669	.0695	.0730	.0734	.0695	.0730	.0734	.0695	.0730	.0734
14	.0768	.065	.077	.0647	.067	.0710	.0719	.067	.0710	.0719	.067	.0710	.0719
15	.0758	.063	.076	.0627	.0647	.0690	.0709	.0647	.0690	.0709	.0647	.0690	.0709
16	.0748	.061	.075	.0607	.0623	.0670	.0689	.0623	.0670	.0689	.0623	.0670	.0689

BAP		BAQ		BAR		BAS		BAT		BAU		BAV	
1	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099	.099
2	.0962	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095	.095
3	.0934	.093	.0915	.0925	.0918	.0925	.0939	.0918	.0925	.0939	.0918	.0925	.0939
4	.0899	.0905	.0895	.0905	.0887	.0893	.0909	.0887	.0893	.0909	.0887	.0893	.0909
5	.0861	.088	.0877	.088	.086	.0862	.0881	.086	.0862	.0881	.086	.0862	.0881
6	.0826	.0845	.0853	.0845	.084	.083	.0851	.084	.083	.0851	.084	.083	.0851
7	.0791	.0810	.0820	.081	.0815	.080	.080	.080	.080	.080	.080	.080	.080
8	.0757	.0787	.079	.0787	.0790	.078	.0757	.078	.0757	.078	.0757	.078	.0757
9	.0723	.0767	.0755	.0767	.0768	.077	.0727	.0768	.077	.0727	.0768	.077	.0727
10	.0688	.0745	.0725	.0745	.0743	.0764	.070	.0743	.0764	.070	.0743	.0764	.070
11	.0653	.0725	.0698	.0725	.0729	.0758	.0682	.0729	.0758	.0682	.0729	.0758	.0682
12	.0618	.0705	.0668	.0705	.0715	.0752	.0667	.0715	.0752	.0667	.0715	.0752	.0667
13	.0584	.0685	.0638	.0685	.070	.0747	.0655	.070	.0747	.0655	.070	.0747	.0655
14	.0550	.0665	.0608	.0665	.0685	.0740	.0645	.0685	.0740	.0645	.0685	.074	

	BCA	BCB	BCC	BCD	BCE	BCF	BCG
1	.099	.099	.099	.1000	.099	.099	.099
2	.0955	.095	.095	.0960	.095	.095	.095
3	.093	.0912	.0924	.0930	.090	.093	.0914
4	.0897	.0886	.0897	.0902	.0872	.0899	.0886
5	.0854	.0859	.0855	.0872	.0835	.0858	.0837
6	.0795	.0841	.0820	.0843	.0795	.0825	.0786
7	.073	.0823	.0800	.0814	.0768	.0784	.0736
8	.0676	.0806	.079	.0786	.0740	.0739	.0665
9	.0639	.0792	.0775	.0757	.0705	.0674	.0582
10	.0575	.0777	.077	.0727	.0675	.0623	.0493
11	.0519	.0763	.0759	.0700	.0645	.0577	.0414
12	.0498	.0748	.0734	.067	.0615	.0533	.0331
13	.045	.0734	.0710	.064	.0585	.0502	.0331
14	.040	.0719	.0690	.061	.0555	.0472	.0331
15	.040	.0709	.0670	.058	.0525	.0444	.0331
16	.040	.0689	.0650	.055	.0495	.0444	.0331

	BDE	BDF	BDG	BDH	BDJ	BDK	BDL
1	.099	.099	.0992		.0988	.0964	.099
2	.095	.095	.0964		.0955	.0950	.0955
3	.0923	.0931	.0936		.0933	.0930	.0924
4	.090	.0909	.0909		.0904	.0899	.0893
5	.0879	.0896	.0881		.0878	.0858	.0865
6	.0853	.0886	.0848		.0841	.0825	.0834
7	.082	.0878	.0781		.0799	.0784	.0798
8	.079	.0868	.074		.0763	.0739	.0774
9	.0755	.0863	.0703		.0729	.0674	.0743
10	.0725	.0857	.0671		.0676	.0623	.071
11	.0698	.0851	.065		.0616	.0577	.068
12	.0668	.0840	.063		.0540	.0533	.065
13	.0638	.0830	.061		.0490	.0502	.062
14	.0608	.0820	.059		.0450	.0472	.059
15	.0578	.0810	.057		.0450	.0442	.056
16	.0548	.0800	.056		.0450	.0412	.053

	BCH	BCJ	BCK	BCL	BCM	BCN	BCP
1	.099	.0995	.099	.099	.099	.099	.099
2	.095	.0967	.0953	.095	.096	.096	.095
3	.092	.0939	.0922	.093	.0932	.0932	.0929
4	.0892	.0909	.0903	.0902	.0905	.0905	.0905
5	.0863	.0881	.0881	.0873	.0882	.088	.0881
6	.0833	.0848	.0832	.0848	.0860	.0857	.0858
7	.0800	.0781	.080	.0813	.0842	.0837	.0835
8	.0772	.0740	.0768	.0795	.0827	.082	.0804
9	.0745	.0703	.0738	.0777	.0815	.0805	.0793
10	.0722	.0671	.0709	.076	.0806	.0794	.0781
11	.0700	.0650	.0677	.0744	.0797	.0786	.0759
12	.0678	.0630	.0646	.072	.0790	.078	.0737
13	.0656	.0610	.0616	.0695	.0785	.0775	.0715
14	.0634	.0590	.0584	.067	.0780	.077	.0693
15	.0612	.0570	.0554	.0647	.0775	.0765	.0671
16	.0592	.0560	.0523	.0623	.0770	.076	.0649

	BDM	BDN	BDP	BDQ	BDR	BDS	BDT
1	.099	.099	.099	.099	.099	.099	.099
2	.0955	.095	.095	.096	.095	.095	.095
3	.0927	.094	.0924	.0932	.092	.0931	.0927
4	.0900	.0917	.0897	.0905	.0895	.0904	.0898
5	.0874	.0887	.0866	.0883	.087	.0879	.0873
6	.0846	.0847	.0837	.0863	.0837	.0851	.0858
7	.0822	.0808	.0803	.0847	.0805	.0826	.0815
8	.0805	.0757	.0746	.0831	.0760	.078	.0792
9	.079	.0723	.0685	.0818	.0715	.0701	.0772
10	.0777	.0688	.0636	.0805	.0670	.0621	.072
11	.0765	.0653	.0586	.079	.0625	.0543	.069
12	.0753	.0618	.0538	.077	.058	.0505	.0658
13	.074	.0584	.0487	.075	.0535	.047	.0627
14	.0728	.055	.0444	.073	.049	.0435	.0597
15	.0715	.0516	.0444	.071	.0445	.0435	.0566
16	.0703	.0482	.0444	.069	.040	.0435	.0534

	BCQ	BCR	BCS	BCT	BCU	BCV	BCW
1	.099	.099	.099	.099	.099	.0995	.099
2	.095	.095	.095	.095	.095	.0962	.095
3	.0914	.0927	.093	.0926	.0923	.0933	.0926
4	.0886	.0907	.091	.0902	.090	.0904	.0902
5	.0860	.0888	.0885	.0881	.0883	.0875	.0879
6	.0835	.0868	.085	.0845	.0845	.0832	.0844
7	.0802	.0828	.0811	.0805	.0813	.0788	.0815
8	.0780	.0800	.0795	.0787	.0793	.0746	.0795
9	.0758	.0770	.0775	.0771	.0777	.0687	.0775
10	.0733	.0742	.0755	.0755	.0761	.0637	.0755
11	.0714	.0719	.0735	.074	.0744	.0571	.0735
12	.0692	.0690	.0715	.0725	.072	.0497	.0716
13	.0672	.0664	.0695	.071	.0695	.0445	.0695
14	.0652	.0637	.067	.0695	.067	.0445	.0671
15	.0632	.0610	.065	.068	.0647	.0445	.0655
16	.0612	.0583	.063	.066	.0623	.0445	.0635

	BDU	BDV	BDW	BDX	BDY	BDZ	BEA
1	.099	.099	.099	.099	.099	.099	.099
2	.0973	.097	.0963	.0962	.096	.0956	.0955
3	.0945	.0934	.0945	.0944	.094	.0935	.0935
4	.0922	.0906	.0924	.0922	.092	.0906	.0907
5	.0903	.088	.0897	.0899	.0897	.0878	.0874
6	.0887	.0855	.0855	.0865	.0855	.0852	.0845
7	.0872	.0837	.0824	.0835	.0824	.0829	.082
8	.0858	.0816	.0801	.0817	.0801	.0809	.0798
9	.0848	.0794	.0789	.0798	.0788	.0792	.0776
10	.0839	.077	.0775	.079	.0778	.0777	.0755
11	.0833	.0748	.0763	.0782	.0768	.0759	.0734
12	.0829	.0728	.075	.0773	.0759	.0735	.0715
13	.0825	.0708	.074	.0766	.0749	.0716	.0695
14	.0822	.0688	.0728	.0757	.0738	.0706	.0687
15	.0819	.0668	.0716	.075	.0728	.070	.068
16	.0815	.0648	.0704	.0741	.072	.0691	.0673

	BCX	BCY	BCZ	BDA	BDB	BDC	BDD
1	.099	.099	.099	.099	.099	.0990	.099
2	.095	.096	.096	.095	.0955	.0955	.0962
3	.0924	.0932	.0932	.0918	.0932	.0926	.0937
4	.0897	.0911	.0905	.0888	.0912	.0898	.0907
5	.086	.0891	.0875	.0859	.0895	.0871	.085
6	.0835	.0874	.0836	.0832	.0880	.0844	.0795
7	.081	.086	.0808	.0803	.0865	.0816	.0753
8	.0785	.085	.0789	.0775	.0853	.0797	.072
9	.0775	.0841	.0763	.0752	.0844	.0777	.0694
10	.077	.0835	.0736	.0727	.0837	.0762	.0673
11	.0765	.083	.071	.0710	.0830	.0748	.0653
12	.076	.0827	.069	.0689	.0828	.0733	.0635
13	.0775	.0823	.067	.0669	.0824	.0717	.0618
14	.075	.0818	.065	.0647	.0820	.0703	.0602
15	.0745	.0815	.063	.0627	.0817	.0687	.0585
16	.074	.081	.061	.0607	.0813	.0673	.057

	BEB	BEC	BED	BEE	BEF	BEG	BEH
1	.109	.100	.099	.099	.099	.100	.099
2	.09725	.09725	.0974	.0956	.0968	.09725	.0964
3	.0945	.0945	.0937	.0935	.0941	.0944	.0942
4	.0924	.0923	.0910	.0902	.0917	.0923	.0916
5	.090	.090	.0889	.0869	.0892	.0903	.0896
6	.0878	.0874	.086	.0838	.0862	.0882	.0865
7	.0858	.0849	.0843	.0807	.083	.0864	.0840
8	.0841	.083	.0818	.0788	.0805	.0849	.0816
9	.0827	.0817	.0797	.0768	.0784	.0838	.0796
10	.0815	.0806	.0772	.0743	.077	.0829	.0776
11	.0708	.080	.075	.0699	.0761	.0824	.0756
12	.080	.0795	.073	.066	.0753	.0821	.0736
13	.0793	.079	.071	.0639	.075	.0817	.0716
14	.0787	.0785	.069	.063	.0746	.0815	.0696
15	.078	.078	.067	.062	.0742	.081	.0676
16	.0773	.0775	.065	.061	.0733	.0808	.0656

	BEJ	BEK	BEL	BEM	BEN	BEP	BEQ
1	.099	.099	.099	.099		.100	.100
2	.096	.0967	.096	.0961		.09725	.09725
3	.0932	.0936	.094	.0941		.09455	.0944
4	.0908	.0919	.092	.0917		.0922	.0922
5	.0883	.0893	.0897	.0891		.0895	.0898
6	.086	.0864	.0855	.0865		.0865	.0872
7	.0832	.083	.0825	.083		.084	.0847
8	.0813	.0787	.0793	.0802		.082	.0827
9	.080	.0775	.0772	.0782		.0806	.081
10	.079	.0748	.0758	.0772		.0796	.080
11	.078	.0731	.0741	.0768		.079	.0796
12	.077	.0716	.0728	.0765		.0785	.079
13	.076	.0700	.0712	.0762		.078	.0785
14	.075	.0684	.0698	.0759		.0776	.078
15	.074	.0668	.0684	.0756		.0772	.0775
16	.073	.0652	.067	.0753		.0767	.077

	BFN	BFP	BFQ	BFR	BFS	BFT
1	.0990	.0990	.0990	.0990	.0990	.0990
2	.0958	.0958	.0958	.0958	.0955	.0967
3	.0921	.0920	.0922	.0922	.0933	.0937
4	.0898	.0898	.0898	.0896	.0910	.0910
5	.0883	.0881	.0887	.0882	.0884	.0884
6	.0857	.0863	.0872	.0862	.0854	.0855
7	.0823	.0845	.0845	.0836	.0825	.0828
8	.0800	.0827	.0827	.0811	.0792	.0795
9	.0778	.0813	.0813	.0788	.0755	.0775
10	.0752	.0797	.0797	.0762	.0720	.0750
11	.0733	.0783	.0783	.0748	.0684	.0725
12	.0710	.0767	.0767	.0734	.0648	.0701
13	.0690	.0753	.0753	.0718	.0610	.0676
14	.0669	.0738	.0738	.0703	.0575	.0652
15	.0648	.0728	.0728	.0687	.0540	.0632
16	.0628	.0707	.0707	.0672	.0505	.0610

	BER	BES	BEU	BEV	BET	BEW	BEX
1	.099	.099	.099	.099			
2	.096	.096	.096	.096			
3	.0933	.0929	.0939	.0932			
4	.0913	.0902	.090	.0901			
5	.0882	.0872	.0861	.0875			
6	.0855	.0847	.0821	.085			
7	.0833	.0817	.0765	.0825			
8	.0812	.078	.0722	.0807			
9	.080	.0756	.0678	.0802			
10	.0788	.0725	.0639	.0785			
11	.0777	.0695	.0611	.0775			
12	.0767	.0665	.0584	.0765			
13	.0757	.0635	.055	.075			
14	.0747	.0605	.0517	.0735			
15	.0737	.0575	.050	.072			
16	.0727	.0547	.049	.0705			

	BFU	BFV	BFW	BFX	BFY	BFZ
1	.0990	.0990	.0990	.0990	.0990	.0990
2	.0967	.0965	.0962	.0960	.0950	.0960
3	.0937	.0944	.0939	.0932	.0936	.0933
4	.0910	.0912	.0914	.0908	.0897	.0913
5	.0884	.0885	.0887	.0883	.0866	.0886
6	.0855	.0852	.0860	.0860	.0834	.0859
7	.0828	.0830	.0830	.0844	.0798	.0837
8	.0795	.0812	.0799	.0827	.0774	.0815
9	.0761	.0793	.0768	.0812	.0743	.0800
10	.0732	.0785	.0736	.0798	.0710	.0788
11	.0709	.0777	.0705	.0785	.0680	.0777
12	.0687	.0770	.0674	.0772	.0650	.0767
13	.0662	.0767	.0643	.0759	.0620	.0757
14	.0637	.0753	.0618	.0746	.0590	.0747
15	.0619	.0746	.0550	.0733	.0560	.0737
16	.0576	.0737	.0550	.0720	.0530	.0727

	BEY	BEZ	BFA	BFB	BFC	BFD	BFE
1		.099	.099	.099	.0966	.100	
2		.096	.0956	.096	.0952	.0963	
3		.093	.0931	.0937	.0932	.0932	
4		.0896	.0895	.0902	.0897	.0914	
5		.0863	.0859	.086	.0855	.0898	
6		.0839	.0833	.083	.0815	.088	
7		.0813	.0807	.0769	.0773	.0858	
8		.0797	.0787	.0746	.0732	.0834	
9		.0787	.0773	.0718	.0685	.0802	
10		.0765	.0759	.0674	.064	.0768	
11		.0747	.0745	.063	.0596	.0731	
12		.0732	.0730	.062	.0534	.0696	
13		.0717	.0711	.061	.0503	.0658	
14		.0700	.0701	.060	.0472	.0624	
15		.069	.0695	.059	.0472	.059	
16		.068	.0686	.058	.0472	.0554	

	BGA	BGB	BGC	BGD	BGE	BGF
1	.0990	.0990	.0990	.0990	.0990	
2	.0963	.0963	.0962	.0962	.0962	
3	.0932	.0932	.0939	.0939	.0944	
4	.0910	.0908	.0917	.0913	.0917	
5	.0845	.0848	.0891	.0887	.0883	
6	.0813	.0813	.0864	.0858	.0861	
7	.0763	.0763	.0839	.0832	.0832	
8	.0717	.0707	.0814	.0810	.0814	
9	.0665	.0660	.0785	.0776	.0798	
10	.0638	.0640	.0756	.0753	.0790	
11	.0603	.0618	.0727	.0722	.0782	
12	.0576	.0584	.0698	.0690	.0773	
13	.0550	.0560	.0668	.0658	.0766	
14	.0525	.0530	.0639	.0626	.0757	
15	.0505	.0510	.0610	.0594	.0750	
16	.0485	.0490	.0580	.0562	.0741	

	BFF	BFG	BFH	BFJ	BFK	BFL	BFM
1	.099	.099	.100	.100	.099		
2	.0955	.096	.097	.097	.096		
3	.0927	.0932	.0944	.0944	.0932		
4	.0900	.0908	.092	.0922	.0905		
5	.0875	.0885	.0895	.0894	.0876		
6	.0853	.0864	.0872	.086	.0857		
7	.0832	.0845	.0852	.0846	.0837		
8	.0814	.0831	.084	.083	.0825		
9	.0800	.082	.083	.082	.0813		
10	.0791	.0807	.082	.0813	.0804		
11	.0784	.0796	.0815	.0806	.0795		
12	.078	.0785	.081	.080	.0785		
13	.0775	.0775	.0805	.0794	.0775		
14	.077	.0765	.080	.0787	.0765		
15	.0765	.0755	.0796	.078	.0755		
16	.076	.0745	.079	.0775	.0745		

	BGG	BGH	BGJ	BGK	BGL	BGM
1			.0990	.0990	.0990	
2			.0962	.0968	.0967	
3			.0934	.0930	.0940	
4			.0907	.0910	.0917	
5			.0874	.0883	.0888	
6			.0839	.0840	.0854	
7			.0788	.0790	.0800	
8			.0735	.0730	.0750	
9			.0725	.0715	.0735	
10			.0714	.0683	.0714	
11			.0700	.0665	.0693	
12			.0640	.0655	.0671	
13			.0595	.0644	.0650	
14			.0548	.0631	.0630	
15			.0500	.0618	.0610	
16			.0450	.0605	.0590	

	BC	C1	CIW	CV	DF	DG	DX
1	.099	.099	.099	.099	.100	.100	.099
2	.095	.095	.0955	.094	.098-1/16	.098-1/16	.0958
3	.091	.0916	.093	.090	.096	.096	.0926
4	.088	.0889	.0905	.0867	.091	.0905	.0888
5	.085	.0861	.0875	.084	.088	.087	.0859
6	.0825	.084	.0856	.0815	.085	.0836	.0830
7	.0803	.0818	.0836	.0795	.082	.0804	.0775
8	.0785	.0796	.0819	.0775	.0782	.0772	.0740
9	.0765	.0778	.080	.076	.075	.074	.0705
10	.075	.076	.078	.0745	.0725	.071	.0670
11	.073	.074	.076	.0732	.070	.0689	.0635
12	.072	.073	.0752	.072	.0685	.067	.0600
13	.071	.072	.0746	.071	.067	.0653	.0565
14	.070	.071	.074	.070	.0655	.0636	.0530
15					.064	.062	

	KS	KT	KTA	KU	KV	KW	KW1
1	.099	.100	.100	.099	.099	.100	.100
2	.095	.095	.095	.095	.095	.095	.095
3	.092	.0905	.0895	.0927	.0913	.091	.0915
4	.0892	.087	.0865	.0897	.088	.0877	.0885
5	.0875	.0845	.0835	.0868	.0838	.084	.0851
6	.085	.0822	.0815	.084	.080	.0805	.082
7	.079	.0802	.0802	.0812	.0736	.077	.079
8	.075	.079	.0788	.0783	.0650	.073	.076
9	.070	.0775	.0775	.0766	.058	.0695	.0728
10	.065	.076	.076	.0729	.0506	.0661	.0695
11	.060	.075	.075	.070	.0435	.063	.0663
12	.055	.074	.074	.0673	.0363	.060	.063
13	.050	.073	.073	.0645	.0363	.057	.060
14	.045	.072	.072	.0618	.0363	.054	.057

	GK	K	KA	KB	KC	KD
1	.100	.100	.099	.099	.099	.099
2	.094	.095	.095	.095	.0935	.095
3	.089	.0905	.092	.0917	.090	.0908
4	.085	.0865	.0895	.090	.087	.0883
5	.081	.083	.0876	.0886	.084	.0856
6	.078	.080	.0855	.0922	.082	.083
7	.075	.0777	.0835	.086	.080	.0775
8	.072	.076	.0814	.085	.0785	.074
9	.069	.074	.0793	.0845	.0765	.0706
10	.066	.0722	.0784	.084	.075	.067
11	.063	.0705	.078	.0835	.073	.0635
12	.060	.0685	.078	.083	.0715	.060
13	.057	.0667	.078	.0825	.0695	.0565
14	.054	.065	.078		.0675	.053

	KW2	KWR	LB1	LB2	LFN	LBA
1	.100	.100	.100	.100	.099	.100
2	.095	.095	.096	.095	.094	.096
3	.095	.090	.0925	.091	.0885	.093
4	.0875	.087	.0895	.0895	.085	.0906
5	.0845	.084	.087	.086	.0815	.0883
6	.0815	.081	.085	.084	.078	.0863
7	.0788	.0786	.083	.0825	.075	.0848
8	.076	.076	.082	.0815	.0723	.0839
9	.0728	.0728	.081	.0805	.0695	.0830
10	.0695	.0695	.080	.0795	.0668	.0821
11	.0663	.0663	.079	.0785	.064	.0812
12	.063	.063	.078	.0775	.061	.0804
13	.060	.060	.077	.0765	.0585	.0796
14	.057	.057	.076	.0755	.0556	.0788

	KE	KF	KG	KH	KI	KK	KL
1	.099	.099	.099	.099	.098	.099	.099
2	.095	.095	.095	.0935	.094	.095	.095
3	.0917	.091	.0915	.0883	.090	.0925	.0925
4	.090	.089	.0895	.0863	.0865	.0893	.0895
5	.0885	.0875	.0875	.0843	.083	.086	.087
6	.087	.0855	.0855	.0825	.080	.0828	.085
7	.0848	.0835	.0841	.0805	.0777	.0795	.0823
8	.0838	.082	.0834	.0785	.076	.0738	.0792
9	.083	.081	.0827	.076	.074	.0615	.076
10	.0822	.080	.0820	.0735	.0722	.0517	.0729
11	.0815	.0795	.0810	.071	.0705	.042	.0697
12	.0808	.079	.0800	.0685	.0685	.042	.0665
13	.080	.079	.0790	.066	.0667	.042	.0633
14	.0792	.079	.0780		.065	.042	.060

	MC	53	55	58
1	.100	.100	.100	.100
2	.095	.095	.095	.095
3	.0915	.090	.090	.090
4	.0885	.0858	.0858	.0858
5	.0851	.0815	.0815	.0815
6	.082	.0777	.078	.078
7	.079	.0738	.074	.0744
8	.076	.070	.070	.0712
9	.0728	.0668	.067	.0685
10	.0684	.0636	.064	.066
11	.064	.0606	.062	.064
12	.060	.0579	.060	.062
13	.0555	.0552	.057	.060
14	.051	.053	.055	.058

	KM	KN	KN cont.	KO	KP	KQ	KR
1	.099	.099	.066	.099	.099	.099	.099
2	.095	.0962	.063	.095	.095	.095	.095
3	.0924	.0933	.060	.0925	.092	.093	.0932
4	.0897	.0905	.057	.0895	.0893	.0903	.0907
5	.0876	.087	.054	.087	.0867	.088	.0875
6	.0858	.082	.051	.085	.0842	.0855	.0852
7	.084	.0782		.0825	.0817	.082	.0823
8	.0822	.0747		.0795	.078	.0795	.077
9	.0803	.0718		.0765	.070	.0775	.071
10	.0784	.069		.074	.0635	.0755	.0658
11	.0759			.0715	.058	.0735	.0603
12	.0734			.069	.0523	.0715	.057
13	.071			.067	.0465	.0695	.0534
14	.069			.065	.0418	.0675	.050

	OA6	OA7	OA8
1	.100	.100	.100
2	.096	.096	.097
3	.0917	.093	.094
4	.0887	.0902	.0913
5	.0856	.0872	.0888
6	.0825	.0843	.086
7	.0794	.0814	.0835
8	.0762	.0786	.0808
9	.0731	.0757	.0782
10	.070	.0727	.0755
11	.067	.070	.073
12	.064	.067	.0702
13	.061	.064	.0675
14	.058	.061	.065

	RA	RB	RC	RD	RE	RF	RG
1	.100	.099	.099	.099	.099	.100	.100
2	.094	.095	.0946	.095	.095	.095	.095
3	.088	.0907	.090	.090	.092	.090	.0905
4	.083	.0866	.0855	.0865	.089	.0863	.087
5	.0785	.0825	.081	.0835	.0856	.0825	.0836
6	.0753	.0784	.0765	.081	.0805	.0788	.0802
7	.0722	.074	.072	.079	.0753	.075	.0768
8	.069	.070	.0674	.077	.0712	.0712	.0732
9	.0658	.0657	.0627	.0757	.0670	.0675	.070
10	.0627	.0615	.0583	.0742	.0628	.0637	.0665
11	.0595	.0575	.0537	.073	.0587	.060	.0630
12	.0564	.0532	.0492	.0715	.0543	.057	.060
13	.053	.049	.0446	.0703	.0501	.054	.057
14	.050	.045	.040	.069	.0460	.051	.054

	RH	RI	RJ	RK	RL	RN	RP
1	.100	.099	.100	.100	.100	.099	.099
2	.095	.095	.095	.095	.095	.095	.095
3	.0915	.0912	.0910	.0915	.0920	.092	.0905
4	.0878	.0881	.087	.088	.089	.089	.087
5	.0846	.0846	.0844	.0854	.086	.0859	.085
6	.0813	.0804	.0818	.0830	.0835	.0808	.0832
7	.078	.0763	.0792	.0805	.0810	.076	.082
8	.075	.0722	.0766	.078	.0785	.0721	.0815
9	.072	.067	.0740	.0766	.0760	.0688	.0809
10	.069	.0605	.0714	.0732	.0735	.0651	.080
11	.066	.0567	.0688	.0708	.0710	.0617	.0794
12	.063	.0525	.0662	.0683	.0685	.0581	.0786
13	.060	.049	.0630	.066	.0660	.0547	.0778
14	.057	.045	.0610	.0635	.0636	.0510	.077

	RR	RU	RV	SA	SB
1	.099	.100	.100	.099	.099
2	.095	.095	.095	.095	.095
3	.0922	.089	.089	.0915	.091
4	.0895	.084	.084	.0885	.0875
5	.086	.081	.081	.086	.084
6	.0808	.0785	.0785	.084	.080
7	.076	.0756	.0755	.0815	.076
8	.0721	.0733	.073	.079	.072
9	.0688	.071	.070	.0768	.0695
10	.0651	.0688	.067	.0743	.067
11	.0617	.066	.0645	.072	.064
12	.0581	.0636	.0618	.070	.062
13	.0547	.061	.059	.068	.059
14	.051	.059	.056	.066	.057

	SC	SD	SE	SF	SG	SH	SJ
1	.100	.100	.100	.100	.100	.099	.099
2	.095	.095	.095	.095	.095	.0952	.095
3	.0915	.0912	.0915	.09125	.0917	.0917	.092
4	.0882	.088	.0903	.0895	.090	.0885	.0895
5	.0865	.0862	.0888	.08825	.0887	.0865	.0875
6	.0845	.0842	.087	.087	.0878	.0845	.0855
7	.0823	.0822	.0852	.08575	.0869	.082	.0835
8	.080	.080	.0845	.085	.0862	.0793	.0815
9	.079	.079	.084	.0845	.0859	.077	.0792
10	.078	.078	.084	.084	.0855	.0743	.077
11	.077	.077	.084	.084	.0855	.0722	.075
12	.076	.076	.084	.084	.0855	.070	.073
13	.075	.075	.084	.084	.0855	.068	.071
14	.074	.074	.084	.084	.0855	.066	.069

	SK	SL	SM	SN	SO	SP	SQ
1	.099	.099	.099	.099	.100	.099	.100
2	.0954	.095	.095	.095	.096	.095	.095
3	.093	.092	.0915	.0915	.092	.0915	.0915
4	.090	.089	.0885	.089	.089	.0892	.088
5	.0867	.0867	.0855	.0865	.086	.0871	.0854
6	.0833	.0833	.0825	.0845	.083	.0852	.083
7	.080	.080	.0795	.0835	.0804	.0834	.0812
8	.077	.077	.0765	.082	.0778	.0810	.0794
9	.074	.074	.0735	.080	.075	.0786	.0775
10	.0714	.0714	.071	.078	.0743	.0762	.0757
11	.0695	.0695	.069	.0765	.0737	.0738	.0738
12	.0676	.0676	.067	.075	.073	.0714	.0719
13	.065	.065	.065	.074	.0722	.069	.070
14		.063	.063	.073		.0666	.068

	SR	SS	ST	SU	SV	SW	SX
1	.099	.099	.099	.099	.099	.099	.099
2	.095	.0945	.095	.095	.0955	.0955	.095
3	.092	.0905	.0925	.0902	.0923	.0925	.0902
4	.089	.086	.0895	.0868	.089	.088	.0868
5	.086	.084	.087	.0834	.0867	.086	.084
6	.083	.080	.0852	.0802	.0845	.084	.0808
7	.0804	.0755	.0831	.0764	.0818	.082	.0774
8	.0778	.0715	.0805	.0728	.079	.0795	.0744
9	.075	.0655	.0787	.069	.0755	.077	.0713
10	.0743	.059	.077	.0655	.072	.0745	.0686
11	.0737	.0535	.0753	.062	.0685	.072	.0657
12	.073	.0485	.0737	.0586	.0665	.0695	.063
13	.0722	.045	.071	.0552	.0653	.067	.060
14	.0715	.042	.069	.0518	.064	.0645	.0572

	SY	SZ	TA	TC	TD
1	.099	.099	.099	.099	.099
2	.095	.0945	.095	.095	.095
3	.091	.0903	.0915	.0915	.0925
4	.0875	.0858	.0882	.089	.090
5	.0855	.0837	.0867	.087	.0875
6	.0825	.0798	.0852	.085	.0845
7	.078	.0753	.0831	.0832	.0803
8	.075	.0707	.0805	.0825	.077
9	.069	.0643	.0787	.0815	.073
10	.063	.0570	.0770	.0805	.0678
11	.0575	.0508	.0753	.0795	.0631
12	.0525	.0470	.0737	.0785	.0585
13	.049	.0445	.0710	.0775	.0538
14	.046	.0420	.0690	.0765	.049

	TE	TF	TG	TH	TJ	TK	TL
1	.099	.099	.099	.099	.099	.099	.099
2	.095	.096	.095	.092	.095	.095	.095
3	.092	.0925	.0922	.0908	.092	.092	.092
4	.0895	.089	.0895	.0893	.0895	.090	.089
5	.087	.0855	.0878	.0878	.0877	.0885	.086
6	.0837	.082	.0862	.0863	.086	.087	.0836
7	.0805	.0782	.0847	.0848	.0845	.086	.081
8	.076	.0748	.0837	.0825	.084	.0855	.0793
9	.0715	.0714	.0827	.074	.083	.0845	.0776
10	.067	.068	.0818	.065	.082	.0835	.0759
11	.0625	.0645	.0812	.055	.081	.0825	.0746
12	.058	.061	.0806	.049	.080	.0815	.0733
13	.0535	.0575	.0800	.044	.079	.0805	.072
14	.049	.054	.0794	.040	.078	.0795	.071

	TM	TN	TO	TP	TR	TS	TT
1	.099	.099	.099	.099	.099	.099	.099
2	.095	.0945	.095	.0955	.095	.095	.0941
3	.092	.091	.092	.092	.092	.0915	.0904
4	.0894	.087	.0893	.090	.089	.088	.0883
5	.0867	.085	.0865	.0875	.0869	.0853	.0861
6	.0842	.082	.0845	.0856	.084	.0833	.0826
7	.0814	.078	.083	.0836	.0817	.0812	.0799
8	.0785	.073	.082	.0819	.0791	.0782	.078
9	.0775	.0665	.081	.080	.0765	.0742	.0766
10	.077	.060	.080	.078	.0738	.0710	.0748
11	.077	.0535	.079	.076	.071	.0675	.0733
12	.077	.050	.078	.0762	.0685	.061	.0721
13	.077	.0475	.077	.0746	.063	.055	.0715
14	.077	.045	.076	.074	.062	.049	

	TU	TV	TW	TX	TY	TZ
1	.099	.099	.099	.099	.099	.099
2	.095	.095	.095	.095	.095	.095
3	.091	.0925	.0925	.091	.0918	.0915
4	.088	.090	.0895	.0894	.0887	.0893
5	.085	.088	.087	.0867	.086	.087
6	.083	.086	.0852	.0842	.0836	.0847
7	.081	.084	.0831	.0814	.0825	.0827
8	.0793	.0825	.0805	.0785	.0805	.0806
9	.0776	.081	.0775	.078	.0775	.0787
10	.0759	.080	.075	.078	.075	.077
11	.0746	.0795	.0722	.078	.0722	.0753
12	.0733	.0785	.070	.078	.070	.0737
13	.072	.0775	.068	.078	.068	.071
14	.071	.0765	.066	.078	.066	.069

	WO2	WO3	WO4	ZA	ZB		ZC	ZD	ZE	ZF	ZG	ZH
1	.100	.100	.100	.099	.099	1	.099	.099	.099	.099	.099	.099
2	.095	.095	.095	.095	.095	2	.095	.095	.095	.095	.095	.095
3	.091	.091	.090	.0905	.0915	3	.091	.090	.0895	.089	.089	.0915
4	.087	.08775	.086	.0875	.089	4	.088	.0865	.0858	.085	.0845	.0893
5	.0835	.0845	.082	.0847	.0865	5	.0855	.084	.083	.0821	.0815	.087
6	.081	.0822	.0794	.0822	.084	6	.083	.0815	.0805	.0798	.079	.0847
7	.0785	.080	.0768	.080	.082	7	.081	.079	.0782	.0775	.0765	.082
8	.076	.078	.074	.0778	.0795	8	.0785	.077	.076	.075	.074	.0795
9	.0732	.0755	.0712	.0758	.0775	9	.0765	.0745	.0732	.072	.071	.0775
10	.071	.0735	.069	.0737	.0755	10	.0745	.072	.0703	.0687	.0675	.0755
11	.0683	.0712	.066	.071	.0735	11	.0725	.069	.0673	.065	.063	.0735
12	.0657	.069	.0634	.0675	.071	12	.0695	.065	.0629	.0608	.059	.0715
13	.063	.067	.061	.063	.067	13	.065	.0605	.0584	.0563	.054	.0695
14	.061	.065	.058	.0585	.063	14	.0605	.056	.054	.052	.050	.0675
15				.054	.059	15	.056	.0515	.0495	.0475	.045	