

Município	ano 2022	ano 2023	ano 2024	ano 2025	ano 2026	ano 2027
Aceguá	1.531	1.612	1.666	1.721	1.778	1.836
Água Santa	1.703	1.773	1.807	1.841	1.876	1.911
Agudo	8.192	8.509	8.685	8.860	9.037	9.216
Ajuricaba	4.312	4.444	4.500	4.555	4.610	4.665
Alecrim	2.522	2.623	2.685	2.747	2.811	2.875
Alegrete	65.603	67.347	67.445	67.513	67.564	67.600
Alegria	1.701	1.761	1.797	1.832	1.867	1.903
Almirante Tamandaré do Sul	1.017	1.056	1.076	1.097	1.117	1.138
Alpestre	2.575	2.681	2.747	2.814	2.881	2.949
Alto Alegre	877	909	924	939	955	970
Alto Feliz	1.110	1.153	1.172	1.191	1.210	1.229
Alvorada	187.315	193.983	194.116	194.182	194.185	194.126
Amaral Ferrador	1.713	1.777	1.816	1.856	1.896	1.937
Ametista do Sul	4.813	4.999	5.086	5.171	5.257	5.343
André da Rocha	571	592	603	614	625	635
Anta Gorda	2.916	3.044	3.117	3.190	3.265	3.341
Antônio Prado	9.580	9.832	9.890	9.944	9.996	10.046
Arambaré	3.271	3.365	3.386	3.404	3.423	3.440
Araricá	6.852	7.040	7.022	7.002	6.979	6.954
Aratiba	3.865	4.031	4.123	4.216	4.310	4.405
Arroio do Meio	18.105	18.606	18.694	18.774	18.851	18.923
Arroio do Padre	691	730	758	786	814	844
Arroio do Sal	10.629	10.939	10.949	10.955	10.957	10.957
Arroio do Tigre	6.203	6.370	6.423	6.474	6.523	6.572
Arroio dos Ratos	13.378	13.649	13.643	13.631	13.617	13.599
Arroio Grande	15.446	15.773	15.833	15.885	15.934	15.981
Arvorezinha	6.897	7.116	7.197	7.275	7.352	7.429
Augusto Pestana	4.084	4.230	4.296	4.361	4.425	4.490
Áurea	1.771	1.841	1.880	1.920	1.960	2.000
Bagé	114.883	119.558	120.545	121.494	121.940	121.906
Balneário Pinhal	14.825	15.251	15.286	15.315	15.340	15.361
Barão	4.168	4.260	4.341	4.421	4.502	4.585
Barão de Cotegipe	5.263	5.488	5.598	5.707	5.817	5.928
Barão do Triunfo	831	861	879	897	915	933
Barra do Guarita	2.010	2.101	2.153	2.204	2.257	2.310
Barra do Quaraí	3.187	3.260	3.264	3.268	3.270	3.272
Barra do Ribeiro	9.378	9.570	9.584	9.592	9.599	9.604
Barra do Rio Azul	464	484	497	510	523	537
Barra Funda	1.801	1.865	1.891	1.916	1.941	1.966
Barracão	3.094	3.185	3.224	3.261	3.299	3.336
Barros Cassal	4.117	4.259	4.344	4.427	4.512	4.598
Benjamin Constant do Sul	471	498	518	538	559	581
Bento Gonçalves	117.146	121.787	122.198	122.569	122.900	123.191
Boa Vista das Missões	1.209	1.271	1.314	1.357	1.402	1.447
Boa Vista do Buricá	4.929	5.091	5.148	5.204	5.258	5.313
Boa Vista do Cadeado	633	664	684	705	726	748
Boa Vista do Incra	941	983	1.009	1.035	1.061	1.088
Boa Vista do Sul	463	477	486	495	505	514
Bom Jesus	8.833	9.056	9.111	9.161	9.210	9.258
Bom Princípio	11.014	11.500	11.576	11.649	11.718	11.784
Bom Progresso	1.254	1.305	1.335	1.366	1.397	1.428
Bom Retiro do Sul	9.879	10.120	10.148	10.170	10.191	10.209
Boqueirão do Leão	1.671	1.690	1.709	1.730	1.751	1.772
Bossoroca	3.432	3.505	3.525	3.544	3.562	3.580
Bozano	797	829	846	864	881	899
Braga	2.301	2.364	2.390	2.415	2.439	2.464
Brochier	2.467	2.587	2.655	2.725	2.795	2.867
Butiá	18.398	18.748	18.787	18.816	18.842	18.865
Caçapava do Sul	25.209	26.335	26.733	27.126	27.517	27.906
Cacequi	8.962	9.068	9.051	9.031	9.008	8.985
Cachoeira do Sul	69.191	71.101	71.224	71.318	71.394	71.452

Cachoeirinha	136.258	141.206	141.303	141.352	141.354	141.310
Cacique Doble	1.712	1.758	1.772	1.785	1.799	1.812
Caibaté	3.098	3.224	3.295	3.365	3.437	3.509
Caiçara	2.127	2.216	2.266	2.316	2.367	2.419
Camaquã	50.570	52.060	52.191	52.300	52.397	52.480
Camargo	1.838	1.929	1.978	2.027	2.077	2.128
Cambará do Sul	4.637	4.832	4.940	5.047	5.157	5.267
Campestre da Serra	1.359	1.402	1.419	1.434	1.450	1.466
Campina das Missões	2.650	2.741	2.782	2.823	2.863	2.904
Campinas do Sul	4.313	4.477	4.563	4.648	4.733	4.820
Campo Bom	60.504	62.217	62.267	62.291	62.299	62.291
Campo Novo	4.004	4.104	4.135	4.165	4.194	4.222
Campos Borges	2.212	2.272	2.287	2.301	2.314	2.327
Candelária	16.341	16.966	17.121	17.269	17.414	17.556
Cândido Godói	2.244	2.332	2.378	2.425	2.471	2.519
Candiota	8.346	8.886	9.232	9.586	9.895	9.893
Canela	47.451	49.157	49.315	49.456	49.581	49.692
Canguçu	20.832	21.555	21.756	21.950	22.140	22.327
Canoas	347.657	359.307	359.554	359.670	359.674	359.571
Canudos do Vale	434	447	452	457	462	467
Capão Bonito do Sul	411	413	408	402	397	391
Capão da Canoa	62.865	65.193	65.220	65.226	65.210	65.172
Capão do Cipó	978	1.048	1.100	1.155	1.213	1.272
Capão do Leão	24.929	25.810	25.878	25.936	25.986	26.029
Capela de Santana	7.780	7.991	8.034	8.074	8.112	8.149
Capitão	1.312	1.360	1.378	1.397	1.415	1.433
Capivari do Sul	3.483	3.575	3.596	3.615	3.634	3.651
Caraá	2.057	2.225	2.359	2.500	2.649	2.806
Carazinho	60.407	62.264	62.413	62.538	62.646	62.738
Carlos Barbosa	24.456	25.419	25.526	25.625	25.716	25.799
Carlos Gomes	432	449	460	472	484	496
Casca	6.526	6.777	6.884	6.990	7.096	7.202
Caseiros	1.584	1.647	1.679	1.710	1.742	1.774
Catuípe	6.113	6.267	6.312	6.355	6.397	6.438
Caxias do Sul	447.132	462.858	464.022	465.021	465.876	466.593
Centenário	1.190	1.254	1.295	1.337	1.380	1.424
Cerrito	3.601	3.677	3.693	3.706	3.719	3.731
Cerro Branco	1.184	1.211	1.221	1.230	1.238	1.247
Cerro Grande	1.159	1.212	1.243	1.274	1.306	1.338
Cerro Grande do Sul	2.810	2.915	2.975	3.034	3.094	3.154
Cerro Largo	11.207	11.499	11.559	11.613	11.666	11.716
Chapada	6.411	6.639	6.738	6.835	6.932	7.029
Charqueadas	34.024	35.071	35.101	35.116	35.122	35.118
Charrua	640	661	674	687	700	713
Chiapetta	2.828	2.913	2.946	2.978	3.009	3.040
Chuí	6.084	6.227	6.241	6.251	6.260	6.267
Chuvisca	337	352	361	370	379	388
Cidreira	16.717	17.179	17.207	17.228	17.244	17.257
Ciríaco	2.551	2.640	2.694	2.747	2.801	2.855
Colinas	1.093	1.119	1.124	1.128	1.132	1.135
Colorado	1.953	2.009	2.032	2.053	2.075	2.096
Condor	4.604	4.760	4.828	4.895	4.961	5.028
Constantina	8.072	8.413	8.584	8.754	8.926	9.099
Coqueiro Baixo	258	264	265	267	269	270
Coqueiros do Sul	971	1.005	1.022	1.040	1.058	1.075
Coronel Barros	1.576	1.647	1.683	1.718	1.754	1.790
Coronel Bicaco	4.518	4.652	4.731	4.809	4.887	4.965
Coronel Pilar	197	204	207	210	213	216
Cotiporã	2.113	2.173	2.191	2.209	2.227	2.244
Coxilha	1.772	1.821	1.838	1.855	1.871	1.887
Crissiumal	6.804	7.008	7.095	7.180	7.265	7.349
Cristal	5.093	5.230	5.266	5.300	5.333	5.365

Cristal do Sul	1.269	1.358	1.426	1.497	1.572	1.650
Cruz Alta	57.216	58.849	59.036	59.197	59.345	59.478
Cruzaltense	483	498	509	519	529	540
Cruzeiro do Sul	7.408	8.088	8.160	8.234	8.301	8.364
David Canabarro	2.416	2.527	2.598	2.670	2.743	2.817
Derrubadas	1.186	1.243	1.283	1.323	1.365	1.408
Dezesseis de Novembro	685	709	724	738	753	769
Dilermando de Aguiar	1.068	1.093	1.099	1.104	1.110	1.115
Dois Irmãos	30.265	31.278	31.290	31.290	31.281	31.262
Dois Irmãos das Missões	1.130	1.168	1.185	1.202	1.218	1.235
Dois Lajeados	1.657	1.714	1.742	1.769	1.796	1.824
Dom Feliciano	3.567	3.686	3.746	3.805	3.864	3.923
Dom Pedrito	33.652	34.682	34.746	34.797	34.838	34.870
Dom Pedro de Alcântara	1.093	1.139	1.163	1.188	1.212	1.237
Dona Francisca	2.047	2.093	2.105	2.115	2.126	2.135
Doutor Maurício Cardoso	2.668	2.753	2.799	2.844	2.890	2.936
Doutor Ricardo	990	1.050	1.093	1.138	1.184	1.232
Eldorado do Sul	37.163	38.928	39.443	39.950	40.450	40.945
Encantado	20.522	21.012	21.056	21.090	21.120	21.145
Encruzilhada do Sul	17.623	18.089	18.240	18.383	18.524	18.662
Engenho Velho	582	610	631	652	673	695
Entre Rios do Sul	1.981	2.033	2.054	2.074	2.094	2.113
Entre-Ijuís	5.596	5.790	5.868	5.943	6.018	6.093
Erebango	1.989	2.031	2.032	2.032	2.032	2.031
Erechim	101.874	105.730	106.078	106.390	106.667	106.913
Ernestina	1.784	1.881	1.946	2.013	2.081	2.151
Erval Grande	3.195	3.336	3.419	3.503	3.588	3.674
Erval Seco	3.495	3.610	3.672	3.733	3.795	3.857
Esmeralda	2.086	2.167	2.207	2.246	2.285	2.325
Esperança do Sul	946	1.006	1.050	1.095	1.141	1.189
Espumoso	11.757	12.103	12.230	12.353	12.474	12.595
Estação	4.854	4.949	4.958	4.965	4.971	4.976
Estância Velha	46.535	47.959	47.976	47.975	47.960	47.932
Esteio	76.096	78.087	78.143	78.164	78.167	78.151
Estrela	27.575	28.506	28.567	28.618	28.661	28.695
Estrela Velha	1.334	1.407	1.463	1.520	1.579	1.641
Eugênio de Castro	1.679	1.761	1.813	1.866	1.920	1.976
Fagundes Varela	1.419	1.463	1.478	1.494	1.509	1.524
Farroupilha	60.749	62.907	63.260	63.593	63.907	64.201
Faxinal do Soturno	4.942	5.091	5.140	5.188	5.235	5.282
Faxinalzinho	1.462	1.510	1.530	1.549	1.568	1.588
Fazenda Vilanova	2.459	2.552	2.587	2.621	2.655	2.688
Feliz	10.924	11.144	11.210	11.270	11.328	11.385
Flores da Cunha	24.421	25.561	25.886	26.205	26.520	26.830
Floriano Peixoto	440	467	488	510	533	557
Fontoura Xavier	4.935	5.144	5.275	5.406	5.539	5.675
Formigueiro	2.738	2.812	2.839	2.864	2.890	2.915
Forquethinha	734	777	807	838	869	902
Fortaleza dos Valos	3.254	3.358	3.400	3.440	3.481	3.521
Frederico Westphalen	27.279	28.255	28.386	28.507	28.620	28.725
Garibaldi	30.892	32.075	32.234	32.382	32.521	32.651
Garruchos	919	935	937	940	942	944
Gaurama	3.764	3.896	3.959	4.020	4.081	4.143
General Câmara	4.471	4.548	4.550	4.549	4.547	4.545
Gentil	959	1.011	1.044	1.077	1.111	1.146
Getúlio Vargas	14.796	15.145	15.206	15.259	15.309	15.356
Giruá	12.951	13.237	13.323	13.404	13.482	13.559
Glorinha	4.183	4.448	4.625	4.807	4.995	5.189
Gramado	34.688	36.039	36.154	36.258	36.349	36.429
Gramado dos Loureiros	620	647	665	683	701	720
Gramado Xavier	509	526	535	544	553	563
Gravataí	254.651	264.887	265.669	266.368	266.975	267.494

Guabiju	744	769	782	795	808	821
Guaíba	90.594	93.485	93.549	93.577	93.577	93.551
Guaporé	23.132	23.952	24.008	24.056	24.096	24.130
Guarani das Missões	4.904	5.030	5.072	5.112	5.152	5.191
Harmonia	3.687	3.841	3.902	3.961	4.021	4.080
Herval	4.332	4.465	4.524	4.582	4.639	4.696
Herveiras	564	585	598	610	623	636
Horizontina	16.009	16.398	16.475	16.543	16.609	16.672
Hulha Negra	2.556	2.602	2.598	2.593	2.587	2.580
Humaitá	2.959	3.044	3.075	3.104	3.133	3.162
Ibarama	1.213	1.254	1.278	1.302	1.325	1.349
Ibiaçá	3.150	3.254	3.301	3.346	3.391	3.436
Ibiraiaras	3.830	3.902	3.949	3.994	4.040	4.086
Ibirapuitã	2.555	2.671	2.744	2.819	2.894	2.971
Ibirubá	17.974	18.487	18.611	18.727	18.840	18.949
Igrejinha	30.729	32.512	32.509	32.501	32.476	32.435
Ijuí	77.517	80.418	80.692	80.939	81.160	81.356
Ilópolis	2.331	2.411	2.446	2.479	2.513	2.547
Imbé	26.822	27.912	27.931	27.942	27.942	27.933
Imigrante	1.761	1.844	1.893	1.941	1.991	2.041
Independência	4.488	4.626	4.679	4.730	4.781	4.832
Inhacorá	1.303	1.336	1.347	1.358	1.370	1.380
Ipê	3.204	3.304	3.352	3.399	3.446	3.493
Ipiranga do Sul	738	763	777	791	805	819
Iraí	4.311	4.381	4.375	4.366	4.357	4.348
Itaara	4.487	4.613	4.638	4.660	4.682	4.702
Itacurubi	1.372	1.412	1.432	1.452	1.472	1.492
Itapuca	545	566	580	593	607	621
Itaqui	31.908	32.859	32.909	32.945	32.972	32.990
Itati	856	971	1.081	1.201	1.335	1.484
Itatiba do Sul	1.739	1.796	1.833	1.871	1.909	1.947
Ivorá	730	753	763	773	783	794
Ivoti	21.145	21.657	21.693	21.718	21.740	21.756
Jaboticaba	1.957	2.037	2.085	2.132	2.180	2.228
Jacuizinho	601	622	636	650	663	677
Jacutinga	2.428	2.512	2.555	2.597	2.639	2.681
Jaguarão	24.718	25.478	25.527	25.566	25.598	25.624
Jaguari	6.405	6.559	6.602	6.641	6.679	6.717
Jaquirana	2.413	2.466	2.479	2.492	2.504	2.515
Jari	913	960	991	1.022	1.055	1.088
Jóia	2.210	2.271	2.298	2.324	2.349	2.375
Júlio de Castilhos	15.458	15.765	15.813	15.853	15.891	15.926
Lagoa Bonita do Sul	463	483	497	511	525	539
Lagoa dos Três Cantos	1.126	1.174	1.198	1.222	1.246	1.270
Lagoa Vermelha	24.591	25.558	25.708	25.850	25.985	26.113
Lagoão	1.889	1.969	2.022	2.076	2.130	2.186
Lajeado	93.323	96.503	96.651	96.680	96.681	96.655
Lajeado do Bugre	845	887	911	936	961	987
Lavras do Sul	5.853	6.044	6.132	6.218	6.305	6.391
Liberato Salzano	1.628	1.706	1.763	1.821	1.881	1.942
Lindolfo Collor	5.248	5.399	5.421	5.442	5.461	5.479
Linha Nova	439	451	453	456	458	460
Maçambará	1.191	1.216	1.225	1.234	1.243	1.252
Machadinho	3.885	4.028	4.089	4.150	4.210	4.271
Mampituba	824	898	959	1.024	1.092	1.165
Manoel Viana	5.170	5.257	5.262	5.265	5.267	5.269
Maquiné	2.576	2.665	2.699	2.732	2.765	2.798
Maratá	879	909	923	936	950	963
Marau	40.884	42.459	42.705	42.937	43.157	43.365
Marcelino Ramos	2.337	2.380	2.388	2.396	2.403	2.410
Mariana Pimentel	653	667	668	668	668	668
Mariano Moro	1.132	1.167	1.185	1.203	1.221	1.239

Marques de Souza	1.709	1.760	1.778	1.795	1.813	1.830
Mata	2.788	2.872	2.908	2.942	2.977	3.012
Mato Castelhana	735	771	791	812	833	855
Mato Leitão	2.073	2.134	2.143	2.150	2.157	2.164
Mato Queimado	696	731	753	775	798	821
Maximiliano de Almeida	2.927	3.024	3.079	3.133	3.188	3.243
Minas do Leão	7.250	7.399	7.407	7.411	7.414	7.416
Miraguaí	2.332	2.413	2.457	2.500	2.543	2.587
Montauri	794	831	853	876	899	922
Monte Alegre dos Campos	722	797	862	931	1.006	1.087
Monte Belo do Sul	802	831	845	859	874	888
Montenegro	52.684	54.058	53.891	53.709	53.508	53.287
Mormaço	716	748	765	783	801	819
Morrinhos do Sul	1.469	1.557	1.619	1.682	1.748	1.816
Morro Redondo	2.916	3.012	3.053	3.093	3.133	3.173
Morro Reuter	4.387	4.455	4.432	4.406	4.380	4.354
Mostardas	8.329	8.549	8.605	8.656	8.707	8.756
Muçum	3.941	4.035	4.055	4.073	4.090	4.107
Muitos Capões	805	818	816	813	811	808
Muliterno	678	707	724	741	758	775
Não-Me-Toque	16.024	16.449	16.525	16.594	16.659	16.721
Nicolau Vergueiro	946	994	1.020	1.047	1.074	1.102
Nonoai	10.307	10.595	10.644	10.689	10.731	10.772
Nova Alvorada	1.778	1.868	1.924	1.982	2.041	2.101
Nova Araçá	4.029	4.182	4.234	4.285	4.336	4.386
Nova Bassano	6.728	6.979	7.083	7.184	7.286	7.387
Nova Boa Vista	966	1.017	1.048	1.079	1.112	1.145
Nova Brésia	1.531	1.590	1.622	1.653	1.685	1.717
Nova Candelária	1.314	1.437	1.537	1.644	1.757	1.878
Nova Esperança do Sul	3.966	4.080	4.111	4.141	4.170	4.198
Nova Hartz	18.162	18.603	18.661	18.711	18.757	18.799
Nova Pádua	808	840	857	874	891	908
Nova Palma	3.469	3.587	3.650	3.712	3.775	3.838
Nova Petrópolis	17.875	18.362	18.422	18.475	18.524	18.567
Nova Prata	21.664	22.472	22.556	22.632	22.702	22.765
Nova Ramada	710	722	722	723	723	722
Nova Roma do Sul	1.693	1.745	1.763	1.779	1.796	1.812
Nova Santa Rita	25.995	27.194	27.451	27.700	27.942	28.177
Novo Barreiro	2.025	2.144	2.222	2.302	2.384	2.468
Novo Cabrais	574	600	616	633	650	667
Novo Hamburgo	222.122	229.931	230.023	230.035	229.971	229.836
Novo Machado	1.607	1.663	1.698	1.732	1.767	1.803
Novo Tiradentes	878	917	940	963	987	1.011
Novo Xingu	786	827	854	882	911	940
Osório	43.801	45.354	45.554	45.737	45.907	46.065
Paim Filho	2.128	2.190	2.219	2.248	2.276	2.304
Palmares do Sul	11.933	12.283	12.346	12.405	12.461	12.515
Palmeira das Missões	29.751	30.780	30.941	31.090	31.232	31.365
Palmitinho	4.393	4.579	4.665	4.751	4.837	4.923
Panambi	40.304	41.808	41.956	42.090	42.210	42.318
Pantano Grande	8.795	8.991	9.005	9.014	9.022	9.027
Paraí	4.666	4.836	4.908	4.979	5.050	5.120
Paraíso do Sul	2.982	3.128	3.228	3.330	3.434	3.541
Pareci Novo	1.294	1.351	1.377	1.402	1.428	1.453
Parobé	49.947	51.323	51.334	51.323	51.299	51.262
Passa Sete	552	568	578	588	597	607
Passo do Sobrado	1.655	1.723	1.758	1.793	1.829	1.865
Passo Fundo	202.681	210.843	211.088	211.269	211.373	211.402
Paulo Bento	806	843	865	888	910	934
Paverama	4.614	4.751	4.798	4.842	4.887	4.930
Pedras Altas	727	741	743	744	745	745
Pedro Osório	7.046	7.197	7.216	7.232	7.246	7.259

Pejuçara	2.631	2.693	2.706	2.718	2.730	2.741
Pelotas	305.656	315.343	315.660	315.855	315.959	315.974
Picada Café	3.717	3.764	3.734	3.702	3.670	3.637
Pinhal	1.518	1.574	1.594	1.613	1.633	1.652
Pinhal da Serra	702	736	755	775	795	815
Pinhal Grande	2.145	2.233	2.291	2.349	2.408	2.468
Pinheirinho do Vale	978	1.011	1.024	1.037	1.050	1.063
Pinheiro Machado	8.943	9.145	9.203	9.258	9.311	9.363
Pinto Bandeira	827	845	846	846	846	846
Pirapó	818	837	857	875	894	913
Piratini	11.306	11.605	11.736	11.861	11.986	12.111
Planalto	6.401	6.584	6.643	6.699	6.754	6.809
Poço das Antas	1.197	1.245	1.267	1.288	1.310	1.332
Pontão	1.689	1.762	1.811	1.861	1.911	1.963
Ponte Preta	563	590	607	625	643	662
Portão	29.886	31.005	31.145	31.273	31.393	31.503
Porto Alegre	1.330.428	1.387.533	1.389.322	1.389.876	1.389.895	1.389.403
Porto Lucena	2.145	2.200	2.227	2.253	2.279	2.305
Porto Mauá	863	884	892	900	908	916
Porto Vera Cruz	397	407	411	415	419	423
Porto Xavier	6.203	6.382	6.450	6.515	6.579	6.643
Pouso Novo	750	777	790	804	817	831
Presidente Lucena	2.048	2.133	2.167	2.200	2.234	2.267
Progresso	2.017	2.089	2.132	2.173	2.216	2.258
Protásio Alves	538	559	570	581	591	602
Putinga	1.705	1.768	1.803	1.838	1.873	1.909
Quaraí	21.753	22.196	22.218	22.230	22.237	22.240
Quatro Irmãos	914	939	949	959	969	978
Quevedos	978	1.018	1.041	1.063	1.087	1.110
Quinze de Novembro	2.393	2.477	2.510	2.542	2.575	2.607
Redentora	3.301	3.377	3.392	3.404	3.417	3.428
Relvado	843	877	898	919	940	961
Restinga Seca	9.157	9.402	9.493	9.580	9.666	9.751
Rio dos Índios	916	966	1.007	1.049	1.093	1.138
Rio Grande	183.517	190.098	190.191	190.220	190.184	190.088
Rio Pardo	24.293	25.004	25.039	25.065	25.083	25.096
Riozinho	2.886	2.953	2.960	2.965	2.970	2.975
Roca Sales	7.430	7.709	7.840	7.969	8.098	8.228
Rodeio Bonito	4.522	4.633	4.636	4.638	4.639	4.638
Rolador	740	770	789	808	827	846
Rolante	16.578	16.941	16.952	16.955	16.955	16.952
Ronda Alta	7.362	7.684	7.873	8.064	8.257	8.454
Rondinha	2.575	2.673	2.728	2.783	2.838	2.895
Roque Gonzales	3.241	3.348	3.400	3.451	3.502	3.554
Rosário do Sul	32.656	33.601	33.638	33.662	33.676	33.682
Sagrada Família	1.099	1.149	1.180	1.211	1.242	1.274
Saldanha Marinho	1.891	1.942	1.961	1.980	1.999	2.017
Salto do Jacuí	8.788	8.974	9.027	9.075	9.122	9.168
Salvador das Missões	1.658	1.745	1.792	1.839	1.887	1.935
Salvador do Sul	4.354	4.605	4.672	4.739	4.804	4.869
Sananduva	12.378	12.759	12.887	13.010	13.131	13.251
Santa Bárbara do Sul	6.657	6.803	6.833	6.860	6.885	6.910
Santa Cecília do Sul	678	710	729	748	768	788
Santa Clara do Sul	4.839	5.109	5.264	5.422	5.583	5.747
Santa Cruz do Sul	119.959	124.439	124.702	124.923	125.103	125.243
Santa Margarida do Sul	588	600	599	597	596	594
Santa Maria	261.435	271.546	271.920	272.207	272.398	272.496
Santa Maria do Herval	2.995	3.007	2.957	2.906	2.856	2.806
Santa Rosa	70.764	73.160	73.422	73.655	73.868	74.062
Santa Tereza	565	579	584	589	594	599
Santa Vitória do Palmar	26.988	27.866	27.930	27.983	28.029	28.067
Santana da Boa Vista	3.972	4.078	4.124	4.169	4.214	4.258

Santana do Livramento	76.922	79.418	79.403	79.359	79.291	79.200
Santiago	45.086	46.465	46.626	46.767	46.896	47.015
Santo Ângelo	72.837	75.250	75.673	76.067	76.443	76.802
Santo Antônio da Patrulha	33.018	34.393	34.706	35.009	35.304	35.591
Santo Antônio das Missões	7.045	7.236	7.305	7.372	7.437	7.502
Santo Antônio do Palma	871	913	940	967	994	1.022
Santo Antônio do Planalto	1.573	1.643	1.681	1.719	1.758	1.797
Santo Augusto	12.032	12.344	12.418	12.487	12.554	12.619
Santo Cristo	9.418	9.714	9.818	9.918	10.017	10.115
Santo Expedito do Sul	1.127	1.179	1.211	1.244	1.277	1.311
São Borja	53.657	55.144	55.225	55.284	55.328	55.359
São Domingos do Sul	2.019	2.088	2.120	2.152	2.183	2.215
São Francisco de Assis	13.157	13.467	13.550	13.625	13.699	13.771
São Francisco de Paula	15.701	16.134	16.245	16.349	16.451	16.550
São Gabriel	52.743	54.289	54.453	54.595	54.723	54.839
São Jerônimo	16.464	16.773	16.797	16.812	16.825	16.835
São João da Urtiga	2.672	2.786	2.852	2.919	2.987	3.056
São João do Polêsine	1.634	1.703	1.739	1.775	1.812	1.848
São Jorge	1.579	1.632	1.652	1.672	1.692	1.712
São José das Missões	970	1.012	1.039	1.066	1.094	1.122
São José do Herval	828	857	873	888	905	921
São José do Hortêncio	2.658	2.714	2.712	2.709	2.705	2.701
São José do Inhacorá	1.414	1.489	1.533	1.578	1.625	1.672
São José do Norte	19.313	19.946	19.997	20.041	20.079	20.112
São José do Ouro	4.436	4.538	4.553	4.566	4.577	4.588
São José do Sul	930	962	972	981	991	999
São José dos Ausentes	2.478	2.566	2.589	2.612	2.635	2.656
São Leopoldo	216.240	224.282	224.416	224.477	224.460	224.369
São Lourenço do Sul	25.166	26.048	26.190	26.323	26.450	26.569
São Luiz Gonzaga	31.882	33.021	33.191	33.349	33.499	33.639
São Marcos	18.208	18.621	18.668	18.706	18.740	18.772
São Martinho	3.791	3.926	3.993	4.059	4.126	4.193
São Martinho da Serra	1.110	1.153	1.178	1.203	1.228	1.254
São Miguel das Missões	4.166	4.317	4.393	4.468	4.543	4.619
São Nicolau	3.694	3.809	3.835	3.860	3.884	3.907
São Paulo das Missões	2.350	2.428	2.469	2.510	2.550	2.591
São Pedro da Serra	2.318	2.405	2.452	2.500	2.548	2.596
São Pedro das Missões	559	575	580	586	591	597
São Pedro do Butiá	1.578	1.641	1.671	1.700	1.730	1.761
São Pedro do Sul	11.766	12.021	12.072	12.117	12.160	12.201
São Sebastião do Caí	20.850	21.272	21.335	21.388	21.437	21.482
São Sepé	17.634	17.978	18.052	18.116	18.178	18.237
São Valentim	1.882	1.950	1.986	2.022	2.058	2.095
São Valentim do Sul	967	1.008	1.030	1.052	1.074	1.096
São Valério do Sul	518	531	535	539	542	546
São Vendelino	1.510	1.550	1.554	1.559	1.562	1.566
São Vicente do Sul	5.907	6.058	6.098	6.137	6.174	6.210
Sapiranga	73.016	75.185	75.286	75.357	75.407	75.437
Sapuçaia do Sul	131.667	136.019	136.139	136.207	136.234	136.222
Sarandi	20.826	21.410	21.564	21.708	21.850	21.987
Seberi	7.067	7.344	7.417	7.488	7.557	7.625
Sede Nova	1.565	1.610	1.629	1.647	1.666	1.684
Segredo	1.901	1.953	1.976	1.999	2.022	2.045
Selbach	3.895	4.028	4.081	4.133	4.184	4.236
Senador Salgado Filho	1.050	1.098	1.128	1.158	1.189	1.220
Sentinela do Sul	1.380	1.414	1.419	1.424	1.428	1.433
Serafina Corrêa	15.054	15.508	15.612	15.711	15.806	15.898
Sério	629	691	704	718	732	745
Sertão	3.292	3.373	3.403	3.430	3.457	3.484
Sertão Santana	1.532	1.592	1.622	1.651	1.681	1.711
Sete de Setembro	569	602	619	637	655	673
Severiano de Almeida	1.580	1.643	1.680	1.718	1.756	1.794

Silveira Martins	978	1.023	1.008	1.014	1.020	1.026
Sinimbu	1.340	1.375	1.393	1.411	1.429	1.447
Sobradinho	11.744	12.047	12.131	12.210	12.287	12.362
Soledade	26.152	27.080	27.222	27.353	27.478	27.595
Tabaí	1.557	1.604	1.617	1.630	1.642	1.654
Tapejara	22.681	23.444	23.646	23.840	24.029	24.214
Tapera	9.206	9.425	9.458	9.486	9.513	9.537
Tapes	13.475	13.732	13.786	13.833	13.877	13.920
Taquara	43.870	44.778	44.827	44.854	44.873	44.883
Taquari	22.009	22.749	22.848	22.938	23.022	23.100
Taquaruçu do Sul	1.528	1.591	1.623	1.654	1.685	1.717
Tavares	3.552	3.676	3.732	3.788	3.843	3.899
Tenente Portela	9.818	10.081	10.146	10.206	10.264	10.321
Terra de Areia	8.636	9.073	9.334	9.598	9.866	10.140
Teutônia	29.487	30.741	30.991	31.232	31.464	31.689
Tio Hugo	1.800	1.882	1.920	1.959	1.998	2.037
Tiradentes do Sul	2.031	2.119	2.183	2.248	2.314	2.382
Toropi	834	884	923	963	1.005	1.048
Torres	40.437	42.027	42.206	42.371	42.523	42.661
Tramandaí	54.094	56.050	56.184	56.298	56.315	56.299
Travesseiro	890	913	920	926	933	939
Três Arroios	1.209	1.263	1.298	1.334	1.370	1.407
Três Cachoeiras	8.182	8.515	8.673	8.830	8.988	9.146
Três Coroas	21.471	21.470	21.468	21.430	21.392	21.355
Três de Maio	20.954	21.517	21.659	21.791	21.920	22.046
Três Forquilhas	492	518	536	555	574	593
Três Palmeiras	2.645	2.753	2.805	2.856	2.907	2.959
Três Passos	20.921	21.708	21.829	21.941	22.048	22.149
Trindade do Sul	4.769	5.018	5.145	5.272	5.402	5.533
Triunfo	17.755	18.418	18.515	18.605	18.690	18.770
Tucunduva	4.115	4.228	4.267	4.304	4.341	4.377
Tunas	1.303	1.331	1.341	1.350	1.359	1.368
Tupanci do Sul	553	573	583	594	605	616
Tupanciretã	16.758	17.056	17.093	17.122	17.147	17.170
Tupandi	3.671	3.776	3.791	3.804	3.816	3.828
Tuparendi	5.766	5.946	6.016	6.084	6.152	6.219
Turuçu	1.598	1.634	1.639	1.643	1.647	1.651
Ubiretama	535	554	564	575	585	596
União da Serra	313	325	334	342	351	360
Unistalda	875	913	927	941	954	968
Uruguaiana	111.272	114.764	114.925	115.042	115.125	115.177
Vacaria	59.662	61.441	61.527	61.589	61.633	61.661
Vale do Sol	1.392	1.462	1.510	1.559	1.609	1.659
Vale Real	5.470	5.620	5.639	5.654	5.669	5.682
Vale Verde	969	1.002	1.017	1.032	1.047	1.061
Vanini	1.313	1.363	1.386	1.410	1.434	1.457
Venâncio Aires	46.383	48.003	48.312	48.605	48.885	49.154
Vera Cruz	15.862	16.577	16.766	16.952	17.133	17.312
Veranópolis	20.814	21.297	21.359	21.412	21.460	21.504
Vespasiano Correa	522	546	562	578	594	611
Viadutos	2.890	2.992	3.049	3.105	3.161	3.218
Viamão	213.922	221.653	222.052	222.374	222.623	222.804
Vicente Dutra	2.400	2.474	2.509	2.544	2.579	2.614
Victor Graeff	1.581	1.644	1.681	1.717	1.754	1.792
Vila Flores	2.334	2.457	2.528	2.599	2.672	2.747
Vila Lângaro	631	675	709	744	780	818
Vila Maria	2.795	2.916	2.979	3.042	3.106	3.171
Vila Nova do Sul	2.329	2.404	2.439	2.474	2.509	2.543
Vista Alegre	1.318	1.365	1.388	1.411	1.434	1.457
Vista Alegre do Prata	543	565	575	586	597	608
Vista Gaúcha	1.154	1.218	1.261	1.304	1.349	1.395
Vitória das Missões	1.043	1.097	1.135	1.173	1.213	1.254

Westfalia	1.703	1.810	1.855	1.900	1.945	1.991
Xangri-lá	16.431	16.895	16.907	16.911	16.911	16.908
Rio Grande do Sul	9.523.093	9.858.560	9.893.145	9.923.510	9.950.659	9.974.540

ano 2028	ano 2029	ano 2030	ano 2031	ano 2032	ano 2033	ano 2034	ano 2035
1.896	1.957	2.020	2.085	2.152	2.220	2.290	2.362
1.946	1.981	2.017	2.053	2.089	2.126	2.162	2.200
9.397	9.580	9.766	9.953	10.143	10.335	10.528	10.724
4.719	4.773	4.828	4.882	4.936	4.990	5.044	5.098
2.941	3.007	3.075	3.143	3.213	3.284	3.356	3.430
67.621	67.628	67.621	67.601	67.566	67.519	67.458	67.384
1.940	1.977	2.014	2.052	2.090	2.128	2.168	2.207
1.159	1.180	1.201	1.223	1.244	1.266	1.288	1.311
3.019	3.090	3.162	3.235	3.310	3.385	3.463	3.541
985	1.001	1.017	1.032	1.048	1.064	1.080	1.095
1.248	1.267	1.287	1.306	1.325	1.344	1.364	1.383
194.008	193.836	193.610	193.332	192.999	192.615	192.182	191.700
1.978	2.021	2.063	2.107	2.151	2.195	2.241	2.287
5.430	5.517	5.604	5.692	5.780	5.869	5.958	6.047
646	658	669	680	692	703	715	726
3.417	3.495	3.575	3.655	3.737	3.820	3.904	3.989
10.094	10.140	10.184	10.226	10.266	10.305	10.341	10.375
3.457	3.473	3.489	3.505	3.519	3.533	3.547	3.560
6.928	6.900	6.871	6.840	6.807	6.773	6.738	6.701
4.501	4.599	4.626	4.622	4.617	4.612	4.606	4.599
18.992	19.058	19.120	19.179	19.235	19.287	19.336	19.382
875	907	939	973	1.008	1.044	1.081	1.119
10.955	10.949	10.942	10.932	10.919	10.904	10.886	10.867
6.621	6.668	6.715	6.761	6.807	6.852	6.896	6.939
13.579	13.557	13.533	13.506	13.477	13.446	13.413	13.377
16.025	16.067	16.107	16.145	16.180	16.214	16.245	16.274
7.505	7.581	7.656	7.730	7.804	7.878	7.951	8.023
4.555	4.620	4.685	4.751	4.816	4.882	4.948	5.014
2.041	2.083	2.125	2.168	2.211	2.255	2.299	2.344
121.837	121.737	121.605	121.443	121.249	121.026	120.773	120.492
15.364	15.354	15.340	15.323	15.303	15.279	15.253	15.223
4.669	4.754	4.840	4.928	5.018	5.109	5.201	5.295
6.040	6.153	6.267	6.382	6.498	6.548	6.538	6.528
952	971	990	1.009	1.029	1.049	1.069	1.089
2.364	2.419	2.475	2.532	2.589	2.648	2.707	2.767
3.274	3.275	3.275	3.275	3.274	3.272	3.270	3.268
9.608	9.610	9.610	9.609	9.607	9.603	9.597	9.591
551	565	580	594	609	625	641	657
1.991	2.016	2.041	2.066	2.091	2.115	2.140	2.165
3.373	3.410	3.447	3.484	3.521	3.558	3.595	3.631
4.685	4.773	4.862	4.952	5.043	5.135	5.229	5.323
603	626	650	675	701	728	755	783
123.445	123.663	123.846	123.994	124.106	124.183	124.227	124.238
1.494	1.543	1.592	1.644	1.696	1.750	1.763	1.761
5.367	5.420	5.473	5.526	5.578	5.629	5.680	5.731
770	793	816	840	864	889	915	941
1.116	1.143	1.172	1.201	1.230	1.261	1.291	1.322
523	533	542	552	562	572	582	592
9.305	9.350	9.394	9.437	9.478	9.518	9.557	9.594
11.846	11.905	11.960	12.012	12.061	12.106	12.148	12.187
1.460	1.493	1.492	1.491	1.489	1.488	1.486	1.484
10.226	10.240	10.253	10.264	10.273	10.281	10.286	10.290
1.793	1.815	1.837	1.859	1.882	1.904	1.927	1.951
3.598	3.615	3.631	3.648	3.664	3.679	3.694	3.709
916	934	953	971	990	1.008	1.027	1.046
2.488	2.513	2.537	2.561	2.585	2.609	2.632	2.656
2.940	3.014	3.090	3.167	3.245	3.325	3.406	3.489
18.886	18.903	18.918	18.931	18.940	18.947	18.952	18.954
28.294	28.680	29.065	29.448	29.829	29.960	29.903	29.840
8.961	8.935	8.909	8.882	8.854	8.824	8.794	8.764
71.495	71.522	71.534	71.531	71.514	71.481	71.435	71.375

141.223	141.095	140.928	140.721	140.474	140.190	139.868	139.511
1.825	1.837	1.850	1.862	1.874	1.886	1.898	1.909
3.582	3.656	3.731	3.807	3.884	3.962	4.041	4.121
2.471	2.524	2.578	2.632	2.687	2.743	2.800	2.858
52.551	52.611	52.659	52.696	52.721	52.736	52.739	52.732
2.180	2.232	2.285	2.339	2.394	2.449	2.506	2.563
5.380	5.493	5.608	5.725	5.823	5.817	5.809	5.801
1.481	1.497	1.512	1.527	1.543	1.558	1.573	1.588
2.945	2.986	3.026	3.068	3.109	3.150	3.191	3.232
4.907	4.995	5.083	5.173	5.263	5.354	5.360	5.352
62.267	62.230	62.179	62.114	62.035	61.944	61.839	61.722
4.250	4.277	4.304	4.330	4.356	4.382	4.407	4.432
2.339	2.351	2.363	2.375	2.386	2.397	2.407	2.417
17.694	17.830	17.962	18.090	18.216	18.338	18.457	18.573
2.566	2.614	2.663	2.712	2.762	2.812	2.862	2.913
9.889	9.882	9.874	9.864	9.851	9.837	9.821	9.803
49.790	49.874	49.945	50.003	50.049	50.081	50.102	50.021
22.510	22.690	22.867	23.040	23.210	23.376	23.540	23.699
359.366	359.064	358.670	358.182	357.600	356.929	356.170	355.327
472	477	482	487	492	496	501	506
386	380	375	369	364	358	353	347
65.113	65.035	64.939	64.824	64.690	64.538	64.369	64.183
1.335	1.400	1.469	1.540	1.615	1.693	1.774	1.859
26.064	26.093	26.115	26.130	26.138	26.139	26.135	26.123
8.184	8.218	8.251	8.282	8.312	8.340	8.367	8.393
1.451	1.469	1.486	1.504	1.522	1.539	1.557	1.574
3.669	3.685	3.701	3.717	3.732	3.746	3.760	3.773
2.972	3.147	3.331	3.526	3.731	3.947	4.176	4.416
62.814	62.876	62.924	62.957	62.976	62.981	62.972	62.951
25.874	25.943	26.004	26.058	26.105	26.145	26.178	26.204
508	521	534	547	560	574	588	602
7.308	7.415	7.521	7.628	7.735	7.842	7.949	8.056
1.806	1.839	1.872	1.905	1.938	1.972	2.006	2.040
6.478	6.518	6.557	6.595	6.632	6.669	6.705	6.740
467.178	467.637	467.975	468.191	468.282	468.253	468.108	467.850
1.469	1.516	1.563	1.612	1.663	1.714	1.767	1.821
3.742	3.754	3.764	3.774	3.784	3.793	3.802	3.810
1.256	1.264	1.272	1.280	1.288	1.296	1.304	1.312
1.370	1.404	1.438	1.472	1.507	1.543	1.579	1.616
3.215	3.277	3.340	3.404	3.468	3.533	3.598	3.665
11.764	11.811	11.855	11.898	11.939	11.978	12.015	12.050
7.126	7.224	7.321	7.418	7.516	7.613	7.711	7.808
35.105	35.083	35.053	35.014	34.968	34.913	34.850	34.779
726	740	753	767	781	795	810	824
3.071	3.102	3.132	3.163	3.193	3.223	3.253	3.282
6.274	6.279	6.284	6.287	6.289	6.290	6.290	6.288
398	407	417	427	437	448	458	469
17.265	17.270	17.271	17.268	17.262	17.253	17.239	17.223
2.910	2.966	3.022	3.079	3.137	3.195	3.254	3.314
1.139	1.142	1.145	1.148	1.151	1.153	1.156	1.158
2.118	2.139	2.160	2.181	2.202	2.223	2.244	2.264
5.094	5.161	5.228	5.294	5.361	5.427	5.494	5.561
9.274	9.450	9.545	9.536	9.526	9.513	9.500	9.485
272	274	275	277	278	280	281	283
1.093	1.111	1.129	1.148	1.166	1.185	1.203	1.222
1.826	1.863	1.900	1.937	1.975	2.013	2.010	2.007
5.045	5.125	5.206	5.287	5.369	5.452	5.536	5.580
220	223	226	229	233	236	239	242
2.261	2.278	2.294	2.310	2.326	2.342	2.358	2.373
1.903	1.918	1.934	1.949	1.964	1.979	1.994	2.009
7.433	7.517	7.601	7.685	7.768	7.851	7.935	8.017
5.396	5.427	5.457	5.486	5.514	5.542	5.569	5.595

1.731	1.816	1.905	1.918	1.916	1.914	1.911	1.909
59.599	59.708	59.804	59.889	59.961	60.021	60.039	59.927
550	561	572	583	595	606	618	630
8.421	8.474	8.522	8.564	8.602	8.634	8.661	8.683
2.894	2.971	3.051	3.075	3.073	3.069	3.066	3.062
1.451	1.496	1.543	1.590	1.639	1.689	1.740	1.793
784	800	815	831	848	864	881	898
1.120	1.125	1.129	1.134	1.139	1.143	1.147	1.151
31.234	31.198	31.153	31.101	31.040	30.971	30.895	30.812
1.252	1.268	1.285	1.302	1.318	1.335	1.352	1.368
1.851	1.879	1.906	1.934	1.962	1.990	2.018	2.047
3.982	4.042	4.102	4.163	4.224	4.285	4.346	4.408
34.893	34.908	34.915	34.914	34.905	34.888	34.863	34.831
1.263	1.288	1.314	1.340	1.366	1.393	1.420	1.447
2.145	2.154	2.163	2.172	2.180	2.189	2.197	2.204
2.982	3.029	3.076	3.123	3.171	3.168	3.165	3.161
1.281	1.332	1.346	1.345	1.343	1.342	1.340	1.338
40.932	40.897	40.850	40.793	40.725	40.646	40.557	40.458
21.166	21.184	21.198	21.207	21.213	21.216	21.215	21.210
18.799	18.934	19.066	19.197	19.326	19.453	19.578	19.701
717	740	764	789	814	840	866	894
2.133	2.152	2.172	2.191	2.210	2.229	2.248	2.267
6.168	6.242	6.317	6.391	6.465	6.538	6.612	6.685
2.030	2.029	2.027	2.025	2.023	2.020	2.017	2.014
107.126	107.310	107.466	107.592	107.688	107.756	107.795	107.808
2.167	2.166	2.165	2.163	2.161	2.158	2.155	2.152
3.762	3.851	3.942	4.034	4.128	4.224	4.321	4.419
3.919	3.982	4.045	4.109	4.173	4.238	4.303	4.369
2.365	2.405	2.446	2.487	2.528	2.569	2.611	2.652
1.239	1.291	1.345	1.401	1.459	1.519	1.582	1.647
12.715	12.833	12.951	13.068	13.183	13.298	13.412	13.525
4.981	4.984	4.987	4.990	4.991	4.992	4.992	4.991
47.891	47.838	47.774	47.698	47.610	47.511	47.402	47.282
78.118	78.068	78.002	77.920	77.822	77.708	77.580	77.437
28.722	28.741	28.753	28.757	28.755	28.745	28.729	28.705
1.704	1.770	1.837	1.908	1.980	2.055	2.133	2.172
2.032	2.090	2.149	2.210	2.272	2.335	2.400	2.400
1.539	1.553	1.568	1.583	1.597	1.611	1.625	1.639
64.477	64.735	64.976	65.199	65.404	65.593	65.764	65.918
5.328	5.373	5.419	5.463	5.507	5.550	5.593	5.636
1.607	1.626	1.645	1.664	1.684	1.703	1.722	1.741
2.722	2.755	2.789	2.822	2.855	2.888	2.921	2.953
11.441	11.496	11.550	11.602	11.653	11.703	11.753	11.800
27.136	27.438	27.736	28.030	28.320	28.561	28.499	28.430
582	608	635	663	693	723	755	788
5.814	5.955	6.098	6.245	6.393	6.545	6.699	6.762
2.940	2.964	2.989	3.013	3.037	3.061	3.084	3.107
936	972	1.008	1.045	1.084	1.124	1.165	1.208
3.562	3.602	3.642	3.682	3.722	3.761	3.801	3.840
28.823	28.914	28.998	29.075	29.145	29.208	29.264	29.314
32.772	32.884	32.988	33.083	33.170	33.249	33.319	33.382
946	948	949	951	953	954	955	957
4.205	4.267	4.329	4.391	4.454	4.517	4.580	4.643
4.542	4.538	4.534	4.529	4.524	4.518	4.511	4.504
1.182	1.219	1.246	1.245	1.243	1.242	1.240	1.238
15.401	15.444	15.484	15.522	15.557	15.590	15.621	15.649
13.635	13.709	13.782	13.853	13.923	13.992	14.059	14.124
5.390	5.484	5.480	5.475	5.468	5.461	5.453	5.444
36.498	36.556	36.605	36.643	36.670	36.688	36.695	36.694
739	759	778	799	820	841	862	884
572	582	592	601	611	621	631	641
267.928	268.282	268.559	268.756	268.874	268.915	268.881	268.774

835	848	862	875	889	902	916	930
93.500	93.424	93.325	93.204	93.058	92.891	92.702	92.492
24.156	24.176	24.189	24.196	24.197	24.192	24.180	24.163
5.229	5.267	5.304	5.341	5.377	5.413	5.448	5.483
4.139	4.199	4.258	4.317	4.376	4.435	4.494	4.553
4.754	4.811	4.868	4.925	4.983	5.040	5.097	5.154
649	661	675	688	701	714	728	741
16.732	16.790	16.845	16.898	16.948	16.996	17.041	17.083
2.573	2.566	2.559	2.551	2.542	2.533	2.524	2.515
3.191	3.219	3.247	3.275	3.303	3.330	3.357	3.384
1.373	1.398	1.423	1.447	1.473	1.498	1.524	1.550
3.481	3.526	3.571	3.617	3.662	3.707	3.752	3.798
4.132	4.178	4.225	4.272	4.319	4.366	4.414	4.461
3.050	3.130	3.212	3.296	3.381	3.400	3.396	3.391
19.055	19.159	19.259	19.357	19.452	19.544	19.632	19.719
32.377	32.306	32.220	32.120	32.006	31.878	31.737	31.584
81.529	81.678	81.806	81.911	81.994	82.054	82.094	82.112
2.580	2.614	2.648	2.681	2.715	2.749	2.783	2.816
27.913	27.885	27.849	27.803	27.749	27.687	27.616	27.538
2.092	2.144	2.197	2.198	2.196	2.193	2.190	2.187
4.883	4.933	4.983	5.032	5.082	5.131	5.179	5.228
1.391	1.402	1.413	1.423	1.433	1.444	1.454	1.464
3.539	3.585	3.631	3.676	3.721	3.766	3.810	3.805
833	847	861	876	890	905	919	934
4.337	4.326	4.315	4.302	4.290	4.276	4.262	4.248
4.722	4.741	4.760	4.777	4.794	4.809	4.824	4.839
1.513	1.533	1.553	1.574	1.594	1.615	1.635	1.656
636	650	665	680	696	711	727	743
33.000	33.003	32.998	32.986	32.966	32.939	32.904	32.863
1.616	1.616	1.614	1.613	1.611	1.609	1.607	1.605
1.987	2.026	2.067	2.107	2.149	2.191	2.234	2.264
804	814	825	835	845	855	866	876
21.768	21.776	21.780	21.780	21.776	21.768	21.756	21.741
2.278	2.328	2.379	2.431	2.483	2.536	2.590	2.645
692	706	721	736	751	766	782	797
2.724	2.767	2.810	2.853	2.897	2.941	2.985	3.029
25.643	25.655	25.662	25.663	25.658	25.647	25.631	25.609
6.753	6.789	6.824	6.858	6.892	6.924	6.956	6.987
2.527	2.538	2.548	2.559	2.569	2.579	2.588	2.598
1.122	1.157	1.193	1.230	1.267	1.306	1.346	1.387
2.401	2.427	2.453	2.478	2.504	2.529	2.555	2.580
15.959	15.989	16.018	16.044	16.068	16.089	16.109	16.127
554	569	584	600	616	633	650	667
1.294	1.319	1.344	1.369	1.394	1.419	1.445	1.471
26.234	26.348	26.455	26.557	26.651	26.739	26.820	26.895
2.243	2.301	2.360	2.420	2.482	2.545	2.609	2.674
96.603	96.527	96.428	96.304	96.157	95.988	95.796	95.583
1.013	1.039	1.066	1.094	1.122	1.151	1.180	1.210
6.478	6.565	6.652	6.739	6.827	6.914	7.002	7.090
2.005	2.070	2.137	2.206	2.276	2.349	2.424	2.500
5.496	5.512	5.527	5.541	5.553	5.565	5.575	5.585
463	465	467	469	471	473	475	476
1.260	1.269	1.277	1.286	1.294	1.302	1.311	1.319
4.332	4.393	4.454	4.515	4.576	4.637	4.698	4.759
1.243	1.325	1.413	1.506	1.605	1.711	1.823	1.906
5.269	5.269	5.268	5.266	5.264	5.261	5.258	5.253
2.831	2.863	2.896	2.928	2.960	2.992	3.023	3.055
977	990	1.004	1.017	1.031	1.044	1.058	1.071
43.562	43.749	43.924	44.089	44.243	44.387	44.520	44.642
2.416	2.422	2.428	2.434	2.439	2.444	2.449	2.454
668	668	668	667	667	666	665	664
1.258	1.276	1.294	1.313	1.332	1.350	1.369	1.388

1.847	1.864	1.880	1.897	1.913	1.930	1.946	1.962
3.046	3.081	3.115	3.150	3.184	3.218	3.253	3.287
877	900	922	946	969	994	1.018	1.043
2.170	2.175	2.181	2.185	2.190	2.193	2.197	2.200
845	869	894	920	946	972	1.000	1.027
3.299	3.356	3.413	3.470	3.528	3.587	3.646	3.705
7.416	7.415	7.413	7.410	7.405	7.400	7.393	7.385
2.631	2.675	2.720	2.765	2.811	2.856	2.903	2.949
946	970	995	1.020	1.046	1.066	1.065	1.063
1.175	1.269	1.370	1.479	1.597	1.723	1.860	1.935
902	916	931	945	960	975	989	1.004
53.049	52.795	52.526	52.241	51.941	51.627	51.299	50.958
838	857	876	895	915	935	955	976
1.886	1.959	2.034	2.112	2.187	2.184	2.181	2.178
3.213	3.253	3.293	3.333	3.373	3.413	3.453	3.493
4.326	4.298	4.270	4.241	4.211	4.181	4.151	4.120
8.803	8.850	8.895	8.939	8.982	9.024	9.064	9.103
4.123	4.138	4.153	4.167	4.180	4.193	4.206	4.218
805	802	799	795	792	788	785	781
793	811	829	847	866	885	904	924
16.780	16.836	16.889	16.939	16.987	17.031	17.073	17.112
1.130	1.159	1.188	1.218	1.248	1.279	1.311	1.342
10.810	10.846	10.881	10.913	10.944	10.972	10.999	11.024
2.163	2.226	2.257	2.255	2.253	2.250	2.247	2.244
4.436	4.485	4.534	4.583	4.631	4.678	4.726	4.773
7.489	7.590	7.691	7.792	7.893	7.994	8.095	8.196
1.179	1.213	1.249	1.285	1.322	1.360	1.399	1.439
1.749	1.781	1.814	1.847	1.881	1.914	1.948	1.983
2.006	2.144	2.190	2.188	2.185	2.183	2.179	2.176
4.225	4.252	4.279	4.305	4.330	4.354	4.378	4.402
18.838	18.874	18.907	18.936	18.962	18.985	19.005	19.022
925	943	960	978	997	1.015	1.033	1.052
3.902	3.967	4.032	4.097	4.163	4.229	4.296	4.364
18.605	18.640	18.670	18.695	18.716	18.733	18.746	18.754
22.821	22.871	22.916	22.954	22.986	23.012	23.033	23.048
722	722	722	721	720	720	719	718
1.828	1.844	1.860	1.875	1.890	1.905	1.920	1.935
28.406	28.627	28.842	29.050	29.252	29.446	29.634	29.731
2.555	2.644	2.736	2.831	2.929	3.029	3.040	3.035
684	702	720	739	758	777	797	817
229.633	229.366	229.037	228.647	228.193	227.681	227.110	226.484
1.839	1.875	1.912	1.950	1.988	2.026	2.065	2.105
1.036	1.061	1.086	1.112	1.138	1.165	1.192	1.220
970	1.001	1.033	1.066	1.099	1.134	1.168	1.167
46.211	46.346	46.469	46.582	46.683	46.773	46.852	46.921
2.333	2.361	2.389	2.418	2.446	2.475	2.503	2.532
12.566	12.614	12.661	12.705	12.747	12.786	12.824	12.859
31.491	31.610	31.723	31.828	31.925	32.016	32.100	32.178
5.010	5.097	5.185	5.274	5.363	5.452	5.542	5.574
42.414	42.498	42.571	42.633	42.683	42.722	42.751	42.768
9.032	9.034	9.035	9.035	9.033	9.029	9.024	9.018
5.191	5.262	5.333	5.404	5.474	5.545	5.616	5.687
3.650	3.763	3.878	3.997	4.119	4.243	4.371	4.502
1.479	1.505	1.531	1.557	1.583	1.610	1.636	1.663
51.212	51.151	51.079	50.996	50.902	50.796	50.681	50.555
617	627	637	647	657	667	678	688
1.901	1.937	1.974	2.012	2.049	2.088	2.126	2.165
211.362	211.254	211.082	210.845	210.543	210.178	209.753	209.269
957	981	1.006	1.031	1.056	1.082	1.108	1.135
4.974	5.016	5.059	5.100	5.142	5.183	5.223	5.263
746	747	747	747	748	748	748	748
7.271	7.282	7.292	7.301	7.308	7.314	7.320	7.324

2.752	2.762	2.772	2.782	2.791	2.800	2.808	2.816
315.905	315.756	315.530	315.227	314.847	314.392	313.864	313.267
3.604	3.571	3.538	3.504	3.470	3.435	3.401	3.366
1.671	1.690	1.709	1.727	1.746	1.764	1.782	1.801
836	857	878	900	922	945	968	991
2.529	2.591	2.655	2.702	2.700	2.697	2.695	2.691
1.076	1.089	1.102	1.115	1.127	1.140	1.153	1.166
9.414	9.464	9.513	9.561	9.608	9.654	9.699	9.743
845	845	844	843	842	841	840	839
933	953	974	995	1.016	1.038	1.060	1.083
12.235	12.359	12.482	12.605	12.728	12.850	12.972	13.094
6.862	6.915	6.968	7.019	7.070	7.120	7.169	7.217
1.354	1.376	1.398	1.420	1.442	1.464	1.487	1.509
2.016	2.070	2.125	2.181	2.238	2.297	2.334	2.332
681	701	721	741	762	784	806	828
31.605	31.699	31.785	31.862	31.932	31.993	32.047	32.093
1.388.425	1.386.985	1.385.103	1.382.776	1.380.001	1.376.799	1.373.181	1.369.160
2.331	2.358	2.384	2.410	2.436	2.462	2.488	2.515
923	931	939	946	954	962	969	976
427	431	435	439	443	447	451	455
6.707	6.770	6.833	6.895	6.957	7.018	7.079	7.139
844	858	872	885	899	913	928	942
2.300	2.334	2.367	2.401	2.434	2.467	2.500	2.534
2.302	2.345	2.390	2.434	2.480	2.526	2.572	2.619
613	624	635	646	657	669	680	691
1.945	1.982	2.019	2.057	2.094	2.133	2.171	2.210
22.239	22.234	22.226	22.214	22.199	22.180	22.158	22.133
988	998	1.007	1.017	1.026	1.036	1.045	1.055
1.134	1.158	1.182	1.207	1.232	1.258	1.283	1.310
2.638	2.670	2.702	2.733	2.765	2.796	2.827	2.858
3.439	3.450	3.460	3.470	3.479	3.487	3.495	3.503
983	1.005	1.028	1.051	1.074	1.098	1.122	1.146
9.835	9.919	10.002	10.084	10.165	10.246	10.326	10.405
1.185	1.233	1.284	1.336	1.391	1.447	1.506	1.567
189.935	189.726	189.465	189.151	188.785	188.367	187.901	187.387
25.102	25.102	25.097	25.087	25.070	25.048	25.021	24.989
2.978	2.982	2.985	2.987	2.989	2.990	2.991	2.991
8.359	8.490	8.622	8.754	8.887	9.021	9.155	9.289
4.637	4.634	4.631	4.627	4.622	4.616	4.609	4.601
866	886	906	927	947	969	990	1.012
16.945	16.936	16.923	16.907	16.889	16.868	16.844	16.817
8.654	8.857	8.962	8.955	8.946	8.936	8.925	8.912
2.951	3.009	3.067	3.126	3.185	3.245	3.306	3.368
3.606	3.657	3.710	3.762	3.814	3.867	3.920	3.973
33.680	33.670	33.652	33.627	33.595	33.555	33.508	33.454
1.307	1.340	1.374	1.409	1.444	1.480	1.517	1.554
2.035	2.054	2.072	2.090	2.107	2.125	2.143	2.160
9.213	9.257	9.299	9.341	9.382	9.422	9.460	9.498
1.985	2.035	2.063	2.061	2.058	2.055	2.052	2.048
4.932	4.995	5.057	5.118	5.178	5.237	5.295	5.351
13.369	13.487	13.603	13.717	13.831	13.943	14.053	14.163
6.933	6.956	6.977	6.998	7.018	7.037	7.054	7.071
808	828	849	871	892	914	937	960
5.915	6.086	6.262	6.342	6.334	6.325	6.314	6.303
125.345	125.412	125.443	125.440	125.401	125.328	125.222	125.084
592	590	588	586	584	581	579	576
272.507	272.435	272.282	272.048	271.733	271.339	270.870	270.327
2.756	2.707	2.658	2.610	2.562	2.515	2.468	2.421
74.236	74.392	74.530	74.651	74.754	74.839	74.907	74.959
603	608	612	617	621	626	630	635
28.097	28.121	28.138	28.148	28.151	28.147	28.138	28.121
4.302	4.346	4.391	4.434	4.478	4.522	4.566	4.609

79.086	78.951	78.796	78.620	78.425	78.210	77.977	77.725
47.122	47.219	47.305	47.382	47.448	47.505	47.551	47.588
77.143	77.468	77.778	78.072	78.349	78.611	78.501	78.344
35.870	36.142	36.407	36.664	36.913	37.154	37.388	37.615
7.566	7.630	7.693	7.756	7.818	7.879	7.940	8.000
1.051	1.080	1.109	1.140	1.171	1.203	1.235	1.268
1.837	1.877	1.917	1.918	1.915	1.913	1.910	1.907
12.682	12.743	12.802	12.860	12.916	12.969	13.021	13.072
10.212	10.309	10.404	10.499	10.592	10.685	10.777	10.868
1.345	1.380	1.416	1.453	1.490	1.528	1.567	1.606
55.377	55.383	55.378	55.360	55.331	55.291	55.239	55.177
2.247	2.279	2.312	2.344	2.376	2.409	2.441	2.474
13.841	13.909	13.976	14.041	14.104	14.165	14.225	14.283
16.647	16.741	16.833	16.923	17.010	17.094	17.177	17.257
54.942	55.033	55.112	55.180	55.236	55.281	55.315	55.338
16.842	16.847	16.849	16.849	16.846	16.841	16.834	16.824
3.125	3.182	3.180	3.177	3.174	3.171	3.167	3.162
1.886	1.923	1.961	2.000	2.039	2.078	2.118	2.158
1.732	1.751	1.771	1.790	1.810	1.829	1.848	1.867
1.151	1.180	1.210	1.241	1.272	1.304	1.336	1.369
937	954	970	987	1.004	1.021	1.039	1.056
2.696	2.690	2.684	2.678	2.671	2.664	2.656	2.648
1.720	1.722	1.721	1.719	1.718	1.715	1.713	1.710
20.139	20.162	20.180	20.192	20.200	20.203	20.202	20.196
4.599	4.608	4.617	4.625	4.632	4.639	4.645	4.650
1.008	1.016	1.023	1.030	1.036	1.042	1.048	1.053
2.678	2.699	2.720	2.740	2.760	2.779	2.798	2.817
224.208	223.980	223.688	223.332	222.911	222.428	221.886	221.285
26.683	26.790	26.892	26.987	27.076	27.160	27.238	27.309
33.772	33.896	34.012	34.121	34.221	34.314	34.399	34.476
18.799	18.824	18.845	18.864	18.879	18.891	18.900	18.907
4.260	4.327	4.395	4.464	4.532	4.602	4.671	4.741
1.280	1.306	1.332	1.358	1.385	1.411	1.438	1.465
4.695	4.772	4.849	4.927	5.006	5.016	5.009	5.002
3.930	3.952	3.973	3.993	4.013	4.033	4.051	4.069
2.632	2.674	2.716	2.758	2.800	2.843	2.886	2.929
2.645	2.694	2.744	2.794	2.845	2.897	2.949	3.001
602	607	613	618	623	628	633	638
1.791	1.821	1.852	1.883	1.914	1.945	1.977	2.008
12.241	12.278	12.314	12.348	12.381	12.412	12.441	12.468
21.524	21.563	21.599	21.632	21.662	21.689	21.713	21.734
18.294	18.348	18.400	18.450	18.498	18.544	18.587	18.628
2.132	2.169	2.207	2.245	2.283	2.318	2.315	2.312
1.119	1.142	1.165	1.189	1.212	1.236	1.261	1.285
549	552	556	559	562	565	568	571
1.569	1.572	1.574	1.577	1.579	1.580	1.582	1.583
6.246	6.281	6.314	6.348	6.380	6.412	6.442	6.472
75.449	75.443	75.420	75.379	75.322	75.248	75.157	75.051
136.171	136.085	135.963	135.808	135.617	135.392	135.135	134.847
22.122	22.254	22.382	22.507	22.630	22.749	22.865	22.978
7.691	7.756	7.820	7.883	7.944	8.004	8.063	8.120
1.702	1.720	1.738	1.756	1.774	1.792	1.810	1.828
2.068	2.090	2.113	2.136	2.159	2.181	2.204	2.226
4.287	4.338	4.389	4.440	4.490	4.541	4.591	4.641
1.251	1.284	1.317	1.350	1.385	1.420	1.455	1.491
1.437	1.440	1.444	1.447	1.450	1.453	1.456	1.458
15.988	16.075	16.159	16.241	16.320	16.396	16.470	16.541
759	772	785	797	809	821	833	845
3.511	3.537	3.564	3.589	3.615	3.640	3.665	3.690
1.742	1.772	1.803	1.834	1.866	1.897	1.929	1.961
692	711	731	750	770	791	812	833
1.833	1.873	1.913	1.954	1.996	2.038	2.080	2.124

1.032	1.037	1.043	1.049	1.055	1.061	1.067	1.073
1.465	1.483	1.501	1.519	1.538	1.556	1.574	1.592
12.435	12.507	12.578	12.646	12.714	12.779	12.843	12.906
27.706	27.810	27.908	28.000	28.085	28.164	28.236	28.302
1.666	1.678	1.689	1.700	1.711	1.722	1.733	1.743
24.396	24.573	24.747	24.917	25.083	25.059	25.018	24.972
9.560	9.581	9.601	9.619	9.636	9.651	9.664	9.676
13.960	13.998	14.034	14.069	14.101	14.131	14.160	14.186
44.885	44.880	44.867	44.847	44.820	44.786	44.745	44.697
23.172	23.239	23.301	23.358	23.409	23.455	23.496	23.532
1.749	1.781	1.814	1.847	1.880	1.913	1.947	1.980
3.955	4.011	4.067	4.123	4.180	4.236	4.293	4.350
10.376	10.430	10.482	10.533	10.582	10.630	10.676	10.721
10.419	10.557	10.548	10.536	10.523	10.507	10.489	10.468
31.905	32.114	32.316	32.510	32.697	32.876	33.047	33.211
2.076	2.115	2.155	2.196	2.236	2.277	2.318	2.325
2.452	2.523	2.596	2.671	2.748	2.827	2.908	2.991
1.093	1.139	1.188	1.238	1.291	1.345	1.402	1.460
42.788	42.902	43.005	43.093	43.019	42.933	42.837	42.729
56.266	56.217	56.154	56.076	55.982	55.875	55.753	55.618
946	952	958	964	970	976	981	987
1.444	1.483	1.522	1.562	1.603	1.645	1.687	1.731
9.306	9.467	9.629	9.792	9.955	10.044	10.029	10.013
21.317	21.280	21.242	21.205	21.167	21.130	21.093	21.055
22.168	22.287	22.403	22.516	22.626	22.732	22.836	22.936
613	634	655	677	699	722	746	770
3.011	3.063	3.116	3.169	3.222	3.276	3.330	3.351
22.244	22.333	22.418	22.497	22.570	22.638	22.700	22.758
5.666	5.801	5.938	6.077	6.217	6.360	6.505	6.651
18.846	18.916	18.983	19.044	19.101	19.153	19.201	19.244
4.414	4.449	4.485	4.519	4.554	4.588	4.622	4.655
1.377	1.385	1.394	1.402	1.411	1.419	1.427	1.435
627	638	649	661	672	684	695	707
17.191	17.209	17.225	17.239	17.250	17.260	17.267	17.272
3.838	3.848	3.857	3.865	3.873	3.880	3.886	3.891
6.285	6.352	6.418	6.483	6.548	6.613	6.678	6.742
1.655	1.658	1.661	1.664	1.666	1.668	1.670	1.672
606	617	628	639	650	661	673	684
369	378	388	397	407	417	428	438
982	996	1.009	1.023	1.037	1.050	1.064	1.077
115.199	115.193	115.159	115.097	115.008	114.892	114.750	114.582
61.674	61.673	61.657	61.627	61.583	61.525	61.454	61.370
1.711	1.764	1.817	1.872	1.928	1.984	2.041	2.100
5.694	5.705	5.715	5.723	5.731	5.737	5.743	5.747
1.076	1.091	1.106	1.120	1.135	1.150	1.165	1.180
1.481	1.505	1.529	1.553	1.578	1.602	1.627	1.652
49.411	49.658	49.893	50.118	50.331	50.534	50.726	50.907
17.487	17.659	17.828	17.994	18.157	18.316	18.473	18.626
21.544	21.581	21.614	21.644	21.670	21.693	21.712	21.728
627	645	662	680	699	718	737	757
3.276	3.335	3.393	3.453	3.513	3.574	3.635	3.697
222.919	222.972	222.964	222.896	222.766	222.578	222.332	222.031
2.649	2.684	2.719	2.754	2.789	2.825	2.860	2.896
1.830	1.869	1.908	1.947	1.976	1.974	1.972	1.969
2.823	2.900	2.979	3.060	3.142	3.226	3.311	3.334
858	899	943	988	1.036	1.085	1.137	1.191
3.236	3.303	3.370	3.437	3.506	3.575	3.645	3.716
2.578	2.613	2.648	2.683	2.719	2.754	2.789	2.825
1.480	1.504	1.527	1.551	1.575	1.599	1.623	1.647
619	630	642	653	664	676	687	699
1.442	1.491	1.541	1.593	1.646	1.700	1.756	1.814
1.296	1.339	1.384	1.429	1.477	1.525	1.575	1.626

2.037	2.084	2.131	2.178	2.226	2.235	2.229	2.223
16.900	16.889	16.874	16.856	16.834	16.809	16.781	16.749
9.995.439	10.013.584	10.028.746	10.040.929	10.050.471	10.056.768	10.059.507	10.059.126

ano 2036	ano 2037	ano 2038	ano 2039	ano 2040	ano 2041	ano 2042	ano 2043
2.436	2.512	2.521	2.517	2.511	2.506	2.500	2.494
2.237	2.275	2.312	2.351	2.389	2.428	2.467	2.506
10.923	11.123	11.311	11.290	11.268	11.244	11.219	11.192
5.151	5.205	5.258	5.312	5.365	5.418	5.471	5.523
3.504	3.580	3.657	3.735	3.814	3.895	3.977	4.060
67.298	67.200	67.090	66.968	66.834	66.689	66.533	66.366
2.247	2.287	2.328	2.370	2.412	2.454	2.497	2.540
1.333	1.356	1.379	1.386	1.383	1.380	1.377	1.374
3.621	3.702	3.784	3.868	3.953	4.040	4.128	4.217
1.112	1.128	1.144	1.160	1.176	1.193	1.209	1.226
1.403	1.423	1.442	1.462	1.482	1.501	1.521	1.541
191.170	190.593	189.969	189.302	188.592	187.839	187.042	186.204
2.333	2.381	2.429	2.478	2.527	2.577	2.628	2.680
6.137	6.227	6.317	6.408	6.499	6.591	6.682	6.774
738	750	762	774	786	796	794	792
4.076	4.164	4.204	4.195	4.186	4.177	4.166	4.156
10.408	10.439	10.468	10.495	10.521	10.544	10.566	10.586
3.572	3.584	3.595	3.606	3.616	3.626	3.635	3.643
6.663	6.624	6.584	6.542	6.500	6.456	6.411	6.366
4.592	4.584	4.575	4.566	4.556	4.545	4.534	4.523
19.425	19.464	19.501	19.534	19.565	19.592	19.616	19.637
1.158	1.199	1.241	1.284	1.328	1.374	1.421	1.470
10.845	10.821	10.795	10.766	10.736	10.704	10.669	10.633
6.982	7.024	7.065	7.106	7.146	7.185	7.223	7.261
13.340	13.301	13.260	13.217	13.173	13.126	13.078	13.028
16.300	16.325	16.348	16.369	16.387	16.404	16.419	16.431
8.095	8.166	8.237	8.307	8.376	8.445	8.513	8.581
5.065	5.056	5.046	5.036	5.024	5.013	5.000	4.987
2.389	2.399	2.395	2.390	2.386	2.381	2.375	2.370
120.184	119.847	119.484	119.096	118.682	118.243	117.779	117.291
15.191	15.155	15.117	15.077	15.033	14.987	14.938	14.887
5.390	5.487	5.586	5.686	5.788	5.817	5.814	5.811
6.516	6.503	6.489	6.474	6.458	6.441	6.423	6.405
1.110	1.131	1.152	1.174	1.195	1.217	1.240	1.262
2.828	2.875	2.869	2.863	2.857	2.850	2.842	2.835
3.265	3.261	3.257	3.252	3.247	3.242	3.236	3.230
9.582	9.573	9.562	9.550	9.536	9.521	9.506	9.488
673	690	707	724	742	760	778	797
2.189	2.214	2.238	2.263	2.258	2.252	2.246	2.240
3.668	3.704	3.740	3.776	3.812	3.848	3.884	3.920
5.419	5.515	5.613	5.712	5.812	5.913	6.015	6.119
813	843	875	907	941	975	1.011	1.048
124.216	124.161	124.073	123.955	123.806	123.507	122.965	122.396
1.758	1.755	1.752	1.749	1.746	1.742	1.738	1.734
5.781	5.831	5.880	5.929	5.977	6.025	6.072	6.119
968	995	1.023	1.052	1.082	1.112	1.143	1.174
1.354	1.386	1.419	1.453	1.487	1.522	1.557	1.585
602	613	623	634	645	655	667	678
9.631	9.666	9.700	9.732	9.764	9.794	9.823	9.851
12.223	12.255	12.284	12.310	12.332	12.352	12.368	12.380
1.482	1.480	1.478	1.475	1.472	1.469	1.466	1.463
10.293	10.293	10.292	10.290	10.286	10.280	10.273	10.264
1.974	1.998	2.022	2.047	2.072	2.097	2.122	2.148
3.723	3.737	3.751	3.764	3.777	3.790	3.802	3.814
1.066	1.086	1.105	1.125	1.146	1.166	1.187	1.207
2.679	2.703	2.726	2.749	2.772	2.795	2.817	2.840
3.521	3.514	3.507	3.499	3.491	3.482	3.473	3.463
18.953	18.951	18.945	18.938	18.928	18.916	18.902	18.886
29.770	29.694	29.612	29.525	29.431	29.332	29.228	29.118
8.732	8.699	8.666	8.632	8.598	8.562	8.526	8.490
71.301	71.214	71.113	71.000	70.874	70.736	70.585	70.422

139.118	138.689	138.227	137.732	137.205	136.646	136.055	135.434
1.921	1.932	1.942	1.953	1.964	1.974	1.984	1.994
4.202	4.274	4.266	4.258	4.249	4.240	4.230	4.220
2.916	2.975	3.035	3.095	3.157	3.219	3.282	3.346
52.714	52.686	52.648	52.599	52.541	52.474	52.396	52.309
2.621	2.680	2.709	2.703	2.696	2.688	2.680	2.672
5.792	5.782	5.771	5.759	5.747	5.734	5.720	5.706
1.602	1.617	1.632	1.646	1.660	1.675	1.689	1.703
3.274	3.315	3.357	3.398	3.440	3.482	3.524	3.565
5.344	5.335	5.325	5.315	5.304	5.292	5.280	5.267
61.592	61.450	61.297	61.132	60.955	60.768	60.569	60.360
4.456	4.480	4.503	4.526	4.548	4.570	4.592	4.613
2.427	2.436	2.445	2.454	2.463	2.471	2.479	2.486
18.685	18.794	18.900	19.003	19.102	19.198	19.290	19.380
2.965	3.017	3.070	3.123	3.176	3.230	3.285	3.340
9.783	9.761	9.738	9.713	9.687	9.659	9.629	9.598
49.891	49.749	49.597	49.433	49.259	49.074	48.879	48.674
23.856	24.009	24.159	24.305	24.448	24.587	24.723	24.855
354.401	353.390	352.300	351.133	349.891	348.573	347.179	345.714
511	516	520	525	530	535	539	544
342	336	331	326	321	316	310	305
63.980	63.761	63.526	63.276	63.010	62.730	62.435	62.126
1.894	1.891	1.887	1.883	1.879	1.874	1.870	1.865
26.106	26.082	26.052	26.017	25.975	25.928	25.874	25.815
8.418	8.441	8.464	8.484	8.504	8.522	8.540	8.556
1.591	1.609	1.626	1.643	1.659	1.676	1.693	1.710
3.786	3.798	3.810	3.821	3.832	3.842	3.851	3.860
4.482	4.472	4.461	4.450	4.438	4.425	4.411	4.397
62.844	62.688	62.520	62.340	62.148	61.945	61.730	61.505
26.223	26.236	26.242	26.242	26.236	26.223	26.203	26.177
616	631	646	662	677	693	710	726
8.163	8.270	8.378	8.485	8.556	8.534	8.510	8.486
2.075	2.110	2.117	2.113	2.108	2.103	2.098	2.093
6.774	6.808	6.841	6.873	6.904	6.935	6.965	6.994
467.478	466.992	466.397	465.696	464.890	463.978	462.699	460.739
1.877	1.924	1.921	1.917	1.912	1.908	1.903	1.898
3.818	3.825	3.831	3.838	3.843	3.849	3.854	3.858
1.320	1.327	1.335	1.342	1.349	1.356	1.363	1.370
1.653	1.682	1.679	1.676	1.672	1.668	1.664	1.660
3.732	3.800	3.868	3.938	4.008	4.079	4.151	4.223
12.084	12.115	12.145	12.174	12.200	12.225	12.248	12.270
7.906	8.004	8.101	8.199	8.296	8.394	8.491	8.555
34.701	34.616	34.523	34.423	34.317	34.204	34.084	33.957
839	854	869	884	900	915	931	947
3.311	3.341	3.370	3.398	3.427	3.455	3.483	3.510
6.286	6.283	6.279	6.274	6.268	6.261	6.253	6.239
480	491	502	514	525	537	549	562
17.203	17.180	17.154	17.125	17.092	17.057	17.019	16.977
3.374	3.435	3.497	3.560	3.623	3.687	3.729	3.721
1.160	1.162	1.164	1.165	1.167	1.168	1.169	1.170
2.285	2.301	2.297	2.293	2.289	2.284	2.279	2.274
5.627	5.694	5.760	5.800	5.788	5.775	5.761	5.746
9.468	9.450	9.430	9.409	9.387	9.363	9.338	9.312
284	285	287	288	289	291	292	293
1.241	1.260	1.280	1.299	1.319	1.338	1.358	1.378
2.003	1.999	1.995	1.990	1.985	1.979	1.973	1.967
5.573	5.567	5.560	5.552	5.544	5.536	5.526	5.517
246	249	252	256	259	262	266	269
2.388	2.403	2.417	2.431	2.445	2.459	2.473	2.486
2.023	2.037	2.052	2.066	2.079	2.093	2.106	2.120
8.100	8.183	8.265	8.347	8.429	8.510	8.592	8.673
5.620	5.645	5.669	5.693	5.715	5.737	5.759	5.779

1.906	1.903	1.899	1.895	1.891	1.887	1.883	1.878
59.805	59.671	59.527	59.373	59.208	59.034	58.850	58.656
642	654	666	679	691	704	717	730
8.700	8.712	8.719	8.721	8.717	8.709	8.695	8.675
3.057	3.052	3.047	3.041	3.035	3.029	3.022	3.015
1.846	1.902	1.938	1.935	1.932	1.928	1.924	1.920
915	932	950	968	986	1.004	1.023	1.042
1.155	1.159	1.162	1.166	1.169	1.172	1.175	1.178
30.721	30.623	30.518	30.406	30.288	30.164	30.033	29.895
1.385	1.402	1.418	1.435	1.452	1.465	1.462	1.458
2.075	2.103	2.132	2.161	2.176	2.171	2.166	2.161
4.470	4.532	4.594	4.657	4.720	4.784	4.847	4.911
34.792	34.745	34.691	34.631	34.563	34.489	34.408	34.320
1.475	1.503	1.531	1.560	1.589	1.618	1.647	1.677
2.212	2.219	2.226	2.232	2.239	2.245	2.251	2.256
3.158	3.153	3.149	3.144	3.138	3.133	3.127	3.121
1.336	1.334	1.332	1.329	1.326	1.324	1.321	1.317
40.350	40.231	40.103	39.967	39.821	39.666	39.503	39.331
21.202	21.190	21.175	21.157	21.136	21.111	21.083	21.052
19.822	19.942	20.059	20.174	20.288	20.399	20.509	20.616
916	914	913	911	910	908	907	905
2.286	2.304	2.323	2.341	2.359	2.377	2.395	2.410
6.758	6.830	6.903	6.975	7.046	7.118	7.189	7.260
2.010	2.006	2.002	1.997	1.992	1.987	1.982	1.976
107.793	107.532	107.185	106.813	106.417	105.997	105.553	105.086
2.149	2.145	2.141	2.137	2.132	2.127	2.122	2.117
4.488	4.480	4.472	4.463	4.454	4.444	4.433	4.422
4.435	4.502	4.569	4.636	4.704	4.757	4.748	4.738
2.694	2.737	2.779	2.822	2.866	2.880	2.873	2.865
1.714	1.783	1.856	1.930	1.943	1.939	1.934	1.929
13.637	13.747	13.763	13.736	13.707	13.677	13.645	13.611
4.990	4.988	4.986	4.982	4.979	4.974	4.969	4.964
47.152	47.011	46.861	46.701	46.532	46.354	46.166	45.970
77.280	77.108	76.923	76.724	76.513	76.288	76.050	75.800
28.676	28.639	28.596	28.547	28.492	28.430	28.363	28.289
2.169	2.166	2.163	2.159	2.156	2.152	2.148	2.143
2.396	2.392	2.388	2.383	2.378	2.373	2.368	2.362
1.653	1.667	1.681	1.694	1.708	1.721	1.734	1.747
66.055	66.175	66.278	66.365	66.436	66.490	66.527	66.548
5.677	5.719	5.759	5.800	5.839	5.878	5.917	5.955
1.760	1.778	1.778	1.775	1.771	1.767	1.763	1.758
2.986	3.018	3.033	3.026	3.018	3.010	3.001	2.991
11.847	11.893	11.938	11.981	12.024	12.065	12.105	12.145
28.354	28.272	28.183	28.087	27.986	27.878	27.764	27.644
823	859	896	935	976	1.002	1.000	998
6.753	6.743	6.732	6.720	6.707	6.694	6.680	6.665
3.130	3.153	3.175	3.198	3.220	3.241	3.263	3.284
1.252	1.297	1.344	1.393	1.441	1.438	1.435	1.431
3.879	3.918	3.957	3.996	4.034	4.036	4.026	4.016
29.357	29.393	29.423	29.447	29.464	29.475	29.479	29.477
33.436	33.483	33.521	33.552	33.575	33.590	33.598	33.597
958	959	960	960	961	962	962	963
4.707	4.771	4.834	4.899	4.963	5.027	5.092	5.082
4.496	4.487	4.478	4.469	4.459	4.449	4.437	4.426
1.236	1.233	1.231	1.228	1.225	1.222	1.218	1.215
15.675	15.699	15.721	15.740	15.758	15.773	15.786	15.797
14.189	14.252	14.313	14.374	14.433	14.490	14.547	14.602
5.434	5.423	5.411	5.398	5.385	5.371	5.355	5.340
36.682	36.661	36.630	36.591	36.542	36.485	36.418	36.342
907	930	953	977	1.001	1.026	1.052	1.078
652	662	672	683	693	704	715	726
268.593	268.339	268.014	267.620	266.990	265.857	264.659	263.400

944	958	973	987	995	993	991	989
92.261	92.010	91.738	91.448	91.139	90.810	90.464	90.099
24.139	24.110	24.076	24.035	23.990	23.939	23.882	23.820
5.518	5.551	5.585	5.617	5.650	5.682	5.713	5.744
4.612	4.670	4.729	4.787	4.845	4.850	4.835	4.819
5.211	5.268	5.325	5.381	5.438	5.495	5.551	5.555
755	768	782	796	809	823	837	851
17.123	17.161	17.197	17.230	17.261	17.289	17.315	17.339
2.505	2.495	2.484	2.474	2.463	2.451	2.440	2.428
3.410	3.437	3.463	3.488	3.514	3.539	3.564	3.588
1.576	1.602	1.629	1.656	1.684	1.711	1.739	1.767
3.843	3.888	3.933	3.979	4.024	4.069	4.071	4.061
4.509	4.558	4.606	4.655	4.705	4.746	4.742	4.737
3.386	3.381	3.375	3.369	3.363	3.356	3.348	3.340
19.802	19.882	19.960	20.034	20.106	20.175	20.242	20.305
31.418	31.239	31.049	30.847	30.635	30.411	30.175	29.930
82.110	82.087	82.043	81.980	81.897	81.794	81.672	81.530
2.850	2.883	2.917	2.928	2.921	2.915	2.907	2.900
27.451	27.357	27.256	27.147	27.032	26.909	26.780	26.643
2.183	2.179	2.175	2.170	2.165	2.160	2.154	2.148
5.276	5.324	5.371	5.418	5.465	5.512	5.558	5.604
1.474	1.484	1.493	1.503	1.512	1.522	1.531	1.540
3.795	3.785	3.774	3.762	3.750	3.737	3.723	3.708
949	965	980	995	1.011	1.026	1.042	1.058
4.233	4.217	4.201	4.185	4.168	4.151	4.133	4.115
4.852	4.865	4.877	4.888	4.898	4.908	4.916	4.925
1.677	1.698	1.719	1.740	1.761	1.782	1.803	1.825
760	777	794	811	829	846	865	883
32.815	32.760	32.699	32.631	32.557	32.477	32.391	32.298
1.602	1.599	1.596	1.593	1.589	1.585	1.581	1.577
2.262	2.259	2.257	2.254	2.251	2.248	2.244	2.241
886	897	907	917	928	938	949	959
21.722	21.699	21.673	21.643	21.611	21.574	21.534	21.492
2.673	2.669	2.665	2.660	2.655	2.649	2.643	2.637
813	830	846	863	880	897	914	932
3.036	3.032	3.026	3.021	3.015	3.009	3.002	2.995
25.581	25.549	25.511	25.468	25.420	25.367	25.308	25.246
7.017	7.046	7.075	7.103	7.130	7.156	7.181	7.206
2.606	2.615	2.624	2.632	2.639	2.647	2.654	2.661
1.429	1.471	1.515	1.560	1.607	1.654	1.703	1.752
2.606	2.631	2.656	2.681	2.706	2.732	2.757	2.781
16.142	16.156	16.167	16.177	16.184	16.190	16.194	16.196
685	703	721	740	759	779	799	819
1.497	1.523	1.549	1.575	1.571	1.567	1.563	1.558
26.964	27.026	27.082	27.131	27.175	27.212	27.243	27.268
2.741	2.809	2.879	2.949	3.022	3.095	3.171	3.196
95.349	95.094	94.819	94.524	94.210	93.877	93.525	93.155
1.240	1.271	1.303	1.335	1.367	1.400	1.434	1.469
7.177	7.223	7.210	7.197	7.183	7.168	7.151	7.135
2.579	2.661	2.744	2.830	2.877	2.872	2.867	2.861
5.593	5.601	5.607	5.613	5.617	5.620	5.623	5.624
478	480	481	483	484	485	487	488
1.327	1.335	1.342	1.350	1.358	1.365	1.373	1.380
4.820	4.881	4.942	5.004	5.065	5.126	5.157	5.143
1.902	1.899	1.895	1.891	1.886	1.882	1.877	1.872
5.249	5.243	5.237	5.230	5.223	5.215	5.207	5.198
3.086	3.118	3.149	3.180	3.210	3.241	3.271	3.301
1.085	1.099	1.112	1.126	1.140	1.153	1.167	1.181
44.755	44.856	44.948	45.029	45.101	45.162	45.065	44.876
2.458	2.462	2.466	2.469	2.472	2.475	2.478	2.480
663	662	661	660	659	657	656	654
1.407	1.426	1.446	1.465	1.485	1.504	1.524	1.544

1.978	1.993	2.009	2.024	2.040	2.055	2.069	2.084
3.321	3.318	3.313	3.307	3.300	3.293	3.286	3.279
1.069	1.095	1.121	1.148	1.175	1.203	1.231	1.260
2.202	2.205	2.206	2.208	2.209	2.209	2.210	2.209
1.056	1.085	1.086	1.084	1.081	1.079	1.076	1.073
3.766	3.801	3.795	3.790	3.783	3.777	3.769	3.762
7.376	7.366	7.355	7.343	7.330	7.317	7.302	7.286
2.996	3.044	3.091	3.115	3.109	3.103	3.097	3.090
1.062	1.060	1.058	1.056	1.053	1.051	1.048	1.046
1.932	1.928	1.924	1.920	1.916	1.911	1.906	1.901
1.019	1.034	1.049	1.064	1.079	1.095	1.110	1.125
50.604	50.238	49.860	49.471	49.071	48.660	48.239	47.809
996	1.017	1.039	1.060	1.082	1.105	1.127	1.150
2.175	2.171	2.167	2.163	2.158	2.153	2.148	2.142
3.533	3.572	3.612	3.652	3.691	3.731	3.770	3.809
4.089	4.057	4.025	3.992	3.960	3.927	3.893	3.860
9.141	9.178	9.214	9.248	9.282	9.314	9.345	9.375
4.229	4.240	4.250	4.259	4.268	4.277	4.285	4.292
777	773	769	765	761	756	752	748
944	964	984	1.005	1.026	1.034	1.032	1.029
17.149	17.182	17.213	17.242	17.268	17.291	17.311	17.329
1.371	1.368	1.365	1.362	1.359	1.355	1.351	1.347
11.047	11.068	11.087	11.104	11.120	11.134	11.146	11.156
2.240	2.236	2.232	2.228	2.223	2.218	2.212	2.207
4.819	4.865	4.910	4.955	4.979	4.964	4.949	4.932
8.297	8.397	8.497	8.597	8.697	8.700	8.676	8.651
1.448	1.445	1.442	1.439	1.435	1.432	1.428	1.424
2.018	2.053	2.088	2.124	2.139	2.134	2.129	2.124
2.172	2.167	2.163	2.158	2.152	2.147	2.141	2.134
4.425	4.447	4.469	4.490	4.511	4.531	4.551	4.570
19.035	19.046	19.054	19.059	19.061	19.061	19.057	19.051
1.071	1.090	1.109	1.128	1.148	1.168	1.188	1.208
4.432	4.500	4.569	4.639	4.709	4.779	4.850	4.922
18.759	18.760	18.756	18.749	18.738	18.723	18.704	18.682
23.057	23.060	23.058	23.051	23.038	23.020	22.996	22.967
717	716	715	714	712	711	709	708
1.950	1.964	1.978	1.992	2.006	2.019	2.033	2.046
29.646	29.553	29.452	29.345	29.230	29.108	28.980	28.845
3.030	3.024	3.017	3.011	3.003	2.996	2.988	2.979
837	858	879	901	923	946	968	992
225.802	225.065	224.275	223.435	222.545	221.605	220.616	219.579
2.145	2.186	2.227	2.248	2.245	2.241	2.237	2.233
1.248	1.277	1.306	1.335	1.365	1.396	1.427	1.459
1.165	1.163	1.161	1.159	1.156	1.154	1.151	1.149
46.979	47.027	47.064	47.091	47.108	47.115	47.111	47.098
2.560	2.561	2.557	2.553	2.548	2.544	2.539	2.533
12.891	12.922	12.951	12.939	12.905	12.869	12.831	12.791
32.248	32.311	32.368	32.419	32.463	32.500	32.531	32.555
5.564	5.552	5.540	5.527	5.513	5.498	5.482	5.465
42.776	42.772	42.758	42.735	42.701	42.657	42.603	42.540
9.010	9.001	8.990	8.978	8.965	8.951	8.935	8.918
5.757	5.828	5.899	5.969	6.040	6.110	6.181	6.251
4.609	4.602	4.595	4.587	4.579	4.570	4.560	4.550
1.690	1.717	1.744	1.771	1.798	1.825	1.853	1.880
50.420	50.275	50.120	49.956	49.783	49.601	49.411	49.212
699	710	721	731	742	754	765	776
2.204	2.244	2.284	2.324	2.365	2.406	2.447	2.489
208.726	208.124	207.467	206.755	205.991	205.173	204.301	203.379
1.162	1.190	1.218	1.247	1.276	1.288	1.285	1.282
5.302	5.341	5.380	5.418	5.455	5.492	5.529	5.565
747	747	747	746	746	745	744	744
7.327	7.330	7.331	7.331	7.331	7.329	7.326	7.323

2.824	2.831	2.838	2.845	2.851	2.857	2.863	2.868
312.599	311.862	311.058	310.191	309.260	308.266	307.208	306.091
3.331	3.296	3.260	3.225	3.190	3.154	3.119	3.083
1.819	1.836	1.854	1.872	1.889	1.906	1.923	1.940
1.015	1.039	1.064	1.089	1.114	1.140	1.166	1.193
2.688	2.684	2.680	2.676	2.672	2.667	2.662	2.656
1.178	1.191	1.203	1.216	1.228	1.241	1.253	1.266
9.786	9.828	9.868	9.908	9.947	9.985	10.022	10.058
838	836	834	832	830	828	826	824
1.107	1.131	1.155	1.180	1.205	1.231	1.258	1.285
13.215	13.335	13.456	13.576	13.695	13.814	13.933	14.051
7.265	7.312	7.358	7.404	7.448	7.492	7.536	7.578
1.532	1.537	1.534	1.530	1.526	1.522	1.518	1.514
2.329	2.325	2.322	2.318	2.314	2.310	2.306	2.301
851	875	899	923	948	946	944	942
32.131	32.162	32.185	32.200	32.209	32.209	32.203	32.189
1.364.739	1.359.920	1.354.720	1.349.154	1.343.228	1.336.940	1.330.291	1.323.303
2.541	2.567	2.593	2.619	2.646	2.672	2.698	2.724
984	991	998	1.005	1.012	1.020	1.027	1.033
459	463	466	470	474	478	481	485
7.199	7.258	7.317	7.375	7.433	7.490	7.547	7.604
956	970	985	999	1.014	1.029	1.043	1.058
2.567	2.600	2.633	2.666	2.699	2.732	2.765	2.757
2.666	2.714	2.763	2.812	2.861	2.912	2.962	3.014
703	715	726	738	750	762	774	786
2.250	2.290	2.330	2.371	2.412	2.454	2.496	2.538
22.105	22.073	22.038	22.001	21.960	21.916	21.870	21.821
1.064	1.073	1.083	1.092	1.090	1.088	1.086	1.083
1.336	1.363	1.390	1.418	1.446	1.474	1.503	1.499
2.889	2.920	2.951	2.981	3.012	3.042	3.072	3.102
3.510	3.517	3.523	3.528	3.534	3.538	3.543	3.547
1.171	1.196	1.222	1.248	1.261	1.259	1.256	1.254
10.484	10.561	10.638	10.714	10.790	10.865	10.938	11.012
1.630	1.696	1.710	1.708	1.705	1.703	1.700	1.697
186.825	186.217	185.563	184.867	184.128	183.347	182.523	181.659
24.951	24.909	24.862	24.809	24.753	24.691	24.625	24.555
2.991	2.991	2.989	2.988	2.986	2.984	2.981	2.978
9.424	9.474	9.456	9.436	9.414	9.392	9.368	9.343
4.593	4.584	4.574	4.563	4.552	4.540	4.527	4.513
1.035	1.058	1.081	1.104	1.128	1.152	1.177	1.202
16.788	16.756	16.721	16.684	16.645	16.603	16.559	16.513
8.899	8.884	8.868	8.851	8.832	8.813	8.792	8.771
3.430	3.493	3.519	3.513	3.506	3.499	3.491	3.483
4.026	4.080	4.133	4.187	4.241	4.295	4.350	4.404
33.393	33.326	33.252	33.172	33.086	32.993	32.894	32.790
1.592	1.631	1.670	1.710	1.742	1.739	1.735	1.730
2.178	2.195	2.212	2.229	2.245	2.262	2.279	2.295
9.535	9.571	9.606	9.640	9.673	9.705	9.736	9.766
2.044	2.040	2.035	2.029	2.024	2.018	2.012	2.005
5.407	5.462	5.515	5.568	5.619	5.669	5.718	5.765
14.271	14.377	14.482	14.586	14.688	14.784	14.746	14.706
7.087	7.103	7.117	7.130	7.143	7.154	7.165	7.175
983	1.007	1.031	1.056	1.081	1.106	1.132	1.159
6.290	6.276	6.262	6.246	6.229	6.211	6.192	6.172
124.914	124.711	124.478	124.214	123.921	123.599	123.246	122.865
574	571	568	565	562	559	556	553
269.710	269.020	268.259	267.431	266.536	265.573	264.544	263.450
2.375	2.329	2.284	2.240	2.196	2.153	2.110	2.068
74.993	75.011	75.013	74.999	74.969	74.924	74.862	74.785
639	643	647	652	656	660	664	668
28.099	28.070	28.036	27.995	27.949	27.897	27.839	27.775
4.652	4.695	4.738	4.781	4.824	4.867	4.909	4.904

77.456	77.169	76.865	76.545	76.209	75.857	75.490	75.107
47.616	47.633	47.642	47.642	47.632	47.614	47.586	47.550
78.171	77.983	77.781	77.564	77.333	77.087	76.828	76.556
37.833	38.044	38.247	38.443	38.631	38.748	38.595	38.435
8.059	8.118	8.177	8.234	8.291	8.348	8.404	8.459
1.302	1.337	1.372	1.408	1.445	1.466	1.462	1.459
1.904	1.900	1.897	1.892	1.888	1.883	1.878	1.873
13.120	13.167	13.212	13.255	13.297	13.337	13.375	13.412
10.958	11.047	11.135	11.222	11.308	11.394	11.478	11.561
1.647	1.660	1.657	1.654	1.650	1.647	1.643	1.639
55.104	55.021	54.927	54.823	54.710	54.587	54.454	54.311
2.506	2.502	2.498	2.493	2.488	2.482	2.477	2.471
14.340	14.395	14.448	14.499	14.549	14.598	14.644	14.689
17.335	17.411	17.484	17.555	17.624	17.690	17.755	17.817
55.351	55.352	55.343	55.324	55.295	55.256	55.206	55.147
16.813	16.799	16.783	16.765	16.745	16.723	16.699	16.672
3.158	3.152	3.147	3.141	3.134	3.127	3.120	3.113
2.199	2.240	2.281	2.323	2.365	2.388	2.382	2.376
1.886	1.905	1.924	1.943	1.961	1.980	1.998	2.016
1.403	1.437	1.472	1.508	1.544	1.581	1.619	1.649
1.074	1.092	1.110	1.128	1.146	1.165	1.183	1.202
2.639	2.630	2.621	2.611	2.601	2.591	2.580	2.569
1.707	1.703	1.700	1.696	1.692	1.687	1.683	1.678
20.185	20.171	20.151	20.128	20.100	20.068	20.032	19.992
4.654	4.658	4.661	4.664	4.665	4.667	4.667	4.667
1.058	1.062	1.065	1.068	1.071	1.073	1.075	1.076
2.835	2.852	2.870	2.886	2.903	2.919	2.917	2.907
220.626	219.910	219.139	218.316	217.440	216.512	215.533	214.504
27.376	27.436	27.490	27.539	27.583	27.621	27.653	27.680
34.546	34.608	34.663	34.711	34.751	34.784	34.708	34.571
18.910	18.911	18.909	18.904	18.897	18.887	18.874	18.858
4.811	4.882	4.953	4.961	4.951	4.940	4.929	4.917
1.493	1.520	1.548	1.575	1.603	1.631	1.660	1.684
4.995	4.986	4.977	4.968	4.958	4.947	4.935	4.923
4.086	4.103	4.119	4.134	4.149	4.163	4.177	4.189
2.972	3.016	3.060	3.104	3.149	3.194	3.239	3.284
3.054	3.108	3.162	3.211	3.204	3.198	3.191	3.184
643	648	653	658	663	668	672	677
2.040	2.072	2.104	2.137	2.158	2.153	2.147	2.141
12.494	12.519	12.542	12.563	12.583	12.601	12.618	12.633
21.752	21.768	21.780	21.790	21.798	21.803	21.805	21.804
18.667	18.704	18.739	18.772	18.803	18.832	18.859	18.884
2.309	2.305	2.301	2.297	2.293	2.288	2.283	2.278
1.310	1.335	1.360	1.386	1.412	1.438	1.465	1.492
573	576	579	581	584	586	589	591
1.584	1.584	1.585	1.585	1.585	1.584	1.584	1.583
6.502	6.530	6.558	6.585	6.611	6.636	6.661	6.685
74.930	74.793	74.640	74.474	74.293	74.098	73.889	73.666
134.527	134.176	133.795	133.385	132.940	132.449	131.929	131.383
23.088	23.094	23.048	22.999	22.946	22.890	22.831	22.769
8.176	8.231	8.284	8.336	8.387	8.385	8.355	8.324
1.846	1.863	1.881	1.898	1.899	1.895	1.891	1.887
2.249	2.272	2.294	2.317	2.339	2.361	2.384	2.406
4.654	4.645	4.636	4.626	4.615	4.604	4.592	4.580
1.528	1.566	1.604	1.613	1.610	1.606	1.603	1.599
1.460	1.462	1.464	1.466	1.467	1.468	1.469	1.470
16.610	16.676	16.740	16.801	16.859	16.915	16.944	16.893
856	866	877	887	897	906	915	923
3.714	3.738	3.762	3.786	3.809	3.832	3.854	3.868
1.993	2.025	2.058	2.091	2.124	2.157	2.191	2.225
855	877	899	922	945	969	992	1.017
2.168	2.212	2.258	2.303	2.350	2.387	2.382	2.377

1.080	1.086	1.092	1.098	1.104	1.111	1.117	1.123
1.611	1.629	1.648	1.667	1.685	1.704	1.723	1.741
12.967	13.026	13.084	13.141	13.196	13.249	13.301	13.352
28.363	28.417	28.464	28.506	28.543	28.573	28.597	28.615
1.753	1.763	1.772	1.781	1.791	1.799	1.808	1.817
24.922	24.867	24.808	24.745	24.678	24.607	24.531	24.452
9.687	9.696	9.704	9.710	9.715	9.719	9.721	9.722
14.211	14.234	14.255	14.274	14.292	14.308	14.322	14.334
44.643	44.583	44.516	44.442	44.364	44.279	44.188	44.091
23.563	23.589	23.609	23.625	23.637	23.643	23.645	23.642
2.015	2.049	2.084	2.118	2.154	2.187	2.181	2.175
4.406	4.463	4.520	4.578	4.635	4.692	4.687	4.675
10.764	10.806	10.847	10.886	10.923	10.959	10.994	11.028
10.446	10.422	10.396	10.369	10.339	10.308	10.275	10.240
33.367	33.359	33.252	33.138	33.016	32.887	32.750	32.607
2.321	2.316	2.310	2.304	2.298	2.291	2.285	2.277
3.076	3.098	3.094	3.090	3.086	3.081	3.076	3.070
1.521	1.545	1.543	1.540	1.537	1.534	1.531	1.528
42.611	42.482	42.343	42.194	42.036	41.868	41.690	41.503
55.469	55.307	55.132	54.945	54.746	54.534	54.310	54.075
992	998	1.003	1.008	1.013	1.018	1.023	1.028
1.775	1.820	1.827	1.823	1.820	1.816	1.812	1.808
9.995	9.976	9.955	9.933	9.909	9.883	9.857	9.828
21.018	20.981	20.944	20.907	20.871	20.834	20.797	20.760
23.034	23.128	23.219	23.308	23.393	23.476	23.555	23.631
796	821	848	875	903	932	961	992
3.345	3.338	3.331	3.324	3.316	3.307	3.298	3.289
22.810	22.857	22.899	22.936	22.967	22.994	23.016	23.032
6.800	6.891	6.874	6.856	6.836	6.815	6.793	6.770
19.283	19.317	19.347	19.373	19.395	19.412	19.425	19.433
4.688	4.721	4.753	4.784	4.816	4.847	4.877	4.907
1.442	1.450	1.458	1.465	1.472	1.480	1.487	1.494
719	731	743	756	768	781	793	806
17.275	17.276	17.275	17.272	17.267	17.260	17.251	17.241
3.896	3.900	3.903	3.906	3.908	3.909	3.910	3.910
6.806	6.869	6.932	6.995	7.057	7.119	7.180	7.241
1.674	1.675	1.676	1.677	1.677	1.678	1.678	1.678
696	707	719	731	743	755	767	780
449	460	471	482	494	506	518	530
1.091	1.104	1.117	1.131	1.144	1.157	1.170	1.183
114.390	114.172	113.931	113.666	113.378	113.068	112.734	112.379
61.273	61.164	61.041	60.908	60.762	60.604	60.435	60.255
2.159	2.219	2.280	2.342	2.405	2.469	2.533	2.599
5.751	5.753	5.754	5.755	5.754	5.752	5.750	5.746
1.195	1.210	1.225	1.240	1.255	1.270	1.285	1.300
1.677	1.702	1.727	1.752	1.777	1.803	1.802	1.797
51.078	51.238	51.387	51.526	51.655	51.773	51.881	51.978
18.775	18.921	18.951	18.887	18.819	18.747	18.671	18.591
21.740	21.749	21.756	21.759	21.758	21.755	21.749	21.740
777	797	818	839	861	884	906	930
3.759	3.822	3.885	3.950	4.014	4.080	4.146	4.212
221.673	221.261	220.795	220.277	219.709	219.089	218.418	217.699
2.931	2.967	3.003	3.039	3.075	3.111	3.147	3.183
1.967	1.964	1.960	1.957	1.953	1.949	1.945	1.940
3.327	3.320	3.313	3.305	3.297	3.288	3.278	3.268
1.247	1.260	1.257	1.255	1.252	1.249	1.246	1.243
3.787	3.860	3.933	3.998	3.988	3.979	3.968	3.957
2.860	2.896	2.931	2.967	3.003	3.038	3.074	3.110
1.672	1.696	1.721	1.745	1.770	1.795	1.820	1.846
711	723	735	747	759	771	784	796
1.873	1.934	1.964	1.960	1.956	1.951	1.946	1.941
1.679	1.733	1.789	1.846	1.905	1.959	1.955	1.950

2.217	2.209	2.202	2.193	2.185	2.175	2.165	2.155
16.715	16.677	16.636	16.593	16.546	16.497	16.445	16.390
10.055.373	10.047.856	10.036.807	10.022.892	10.006.178	9.985.928	9.961.786	9.934.440

ano 2044	ano 2045	ano 2046	ano 2047	ano 2048	ano 2049	ano 2050	ano 2051
2.487	2.481	2.474	2.467	2.459	2.452	2.444	2.436
2.546	2.586	2.626	2.666	2.685	2.676	2.666	2.656
11.165	11.136	11.106	11.075	11.043	11.010	10.976	10.941
5.576	5.628	5.681	5.733	5.785	5.837	5.889	5.894
4.144	4.230	4.245	4.234	4.223	4.212	4.200	4.188
66.188	66.001	65.803	65.597	65.382	65.158	64.927	64.687
2.543	2.538	2.532	2.526	2.520	2.513	2.506	2.500
1.370	1.367	1.363	1.359	1.355	1.351	1.346	1.342
4.248	4.238	4.227	4.216	4.205	4.194	4.182	4.169
1.242	1.249	1.245	1.242	1.238	1.234	1.230	1.225
1.561	1.581	1.601	1.621	1.641	1.661	1.681	1.701
185.329	184.416	183.467	182.484	181.469	180.423	179.348	178.243
2.732	2.786	2.840	2.895	2.950	3.007	3.064	3.119
6.840	6.819	6.797	6.775	6.752	6.728	6.704	6.679
790	788	786	784	781	779	776	774
4.145	4.133	4.121	4.109	4.096	4.083	4.069	4.055
10.604	10.621	10.636	10.649	10.661	10.672	10.681	10.688
3.651	3.659	3.650	3.638	3.624	3.611	3.596	3.582
6.319	6.272	6.223	6.174	6.125	6.074	6.023	5.972
4.511	4.498	4.485	4.471	4.457	4.442	4.427	4.412
19.656	19.671	19.684	19.695	19.702	19.708	19.711	19.711
1.520	1.546	1.542	1.537	1.533	1.528	1.523	1.518
10.595	10.555	10.514	10.471	10.426	10.380	10.332	10.284
7.298	7.335	7.370	7.406	7.440	7.474	7.508	7.541
12.977	12.924	12.870	12.815	12.758	12.700	12.641	12.581
16.442	16.452	16.459	16.465	16.469	16.472	16.473	16.472
8.648	8.714	8.780	8.845	8.910	8.974	9.038	9.022
4.973	4.959	4.944	4.928	4.912	4.896	4.879	4.861
2.364	2.358	2.352	2.345	2.339	2.332	2.325	2.317
116.781	116.249	115.696	115.124	114.532	113.923	113.297	112.653
14.834	14.778	14.720	14.659	14.597	14.533	14.468	14.400
5.808	5.804	5.801	5.797	5.793	5.789	5.785	5.781
6.385	6.365	6.344	6.322	6.299	6.275	6.251	6.227
1.285	1.308	1.332	1.356	1.380	1.404	1.429	1.454
2.827	2.818	2.810	2.801	2.792	2.782	2.772	2.762
3.223	3.215	3.208	3.200	3.191	3.183	3.173	3.164
9.470	9.451	9.430	9.409	9.386	9.363	9.339	9.314
816	836	856	876	897	918	940	962
2.233	2.226	2.219	2.212	2.204	2.196	2.188	2.180
3.955	3.990	4.026	4.061	4.096	4.131	4.166	4.201
6.223	6.329	6.436	6.435	6.419	6.404	6.387	6.371
1.087	1.126	1.167	1.209	1.230	1.226	1.222	1.219
121.801	121.180	120.535	119.866	119.176	118.465	117.734	116.983
1.730	1.726	1.721	1.717	1.712	1.707	1.702	1.696
6.165	6.208	6.188	6.168	6.146	6.124	6.102	6.079
1.206	1.239	1.273	1.308	1.316	1.312	1.308	1.304
1.581	1.577	1.572	1.568	1.563	1.558	1.554	1.549
689	701	712	724	736	748	760	772
9.877	9.903	9.928	9.935	9.905	9.873	9.840	9.807
12.390	12.397	12.401	12.401	12.399	12.395	12.387	12.377
1.459	1.456	1.452	1.448	1.444	1.440	1.436	1.432
10.254	10.242	10.229	10.215	10.200	10.183	10.165	10.146
2.174	2.200	2.227	2.254	2.281	2.309	2.336	2.365
3.825	3.836	3.847	3.857	3.868	3.877	3.887	3.896
1.229	1.250	1.271	1.272	1.268	1.264	1.260	1.255
2.862	2.885	2.907	2.904	2.896	2.888	2.880	2.872
3.453	3.442	3.431	3.420	3.408	3.396	3.384	3.371
18.867	18.847	18.824	18.800	18.774	18.730	18.675	18.618
29.002	28.883	28.758	28.629	28.495	28.358	28.217	28.071
8.453	8.415	8.376	8.338	8.298	8.259	8.219	8.178
70.248	70.063	69.867	69.661	69.445	69.220	68.986	68.743

134.785	134.108	133.404	132.674	131.921	131.146	130.348	129.528
2.004	2.013	2.022	2.032	2.041	2.049	2.058	2.067
4.209	4.198	4.186	4.174	4.162	4.149	4.136	4.122
3.365	3.356	3.347	3.337	3.327	3.316	3.306	3.295
52.213	52.108	51.995	51.874	51.745	51.609	51.466	51.315
2.663	2.654	2.645	2.635	2.625	2.614	2.604	2.593
5.690	5.675	5.658	5.641	5.624	5.605	5.587	5.568
1.717	1.731	1.744	1.758	1.772	1.785	1.798	1.812
3.607	3.649	3.691	3.733	3.775	3.817	3.860	3.902
5.253	5.239	5.224	5.209	5.193	5.177	5.160	5.143
60.141	59.913	59.675	59.428	59.173	58.910	58.639	58.360
4.633	4.654	4.673	4.693	4.712	4.731	4.749	4.767
2.493	2.500	2.507	2.513	2.519	2.524	2.530	2.535
19.466	19.548	19.628	19.704	19.706	19.612	19.515	19.415
3.395	3.451	3.508	3.565	3.622	3.680	3.687	3.675
9.565	9.531	9.495	9.459	9.421	9.382	9.342	9.300
48.459	48.235	48.003	47.762	47.513	47.257	46.993	46.722
24.984	25.110	25.233	25.352	25.468	25.581	25.691	25.798
344.182	342.586	340.926	339.206	337.430	335.601	333.720	331.787
549	553	558	562	567	571	576	580
300	295	290	285	281	276	271	266
61.803	61.468	61.120	60.760	60.390	60.009	59.618	59.217
1.860	1.854	1.849	1.843	1.837	1.831	1.824	1.818
25.751	25.682	25.607	25.528	25.444	25.356	25.263	25.166
8.570	8.584	8.596	8.608	8.618	8.628	8.636	8.643
1.726	1.742	1.759	1.775	1.791	1.807	1.823	1.838
3.869	3.877	3.885	3.892	3.899	3.902	3.888	3.874
4.382	4.367	4.350	4.334	4.316	4.299	4.280	4.262
61.268	61.022	60.766	60.501	60.227	59.946	59.656	59.358
26.145	26.108	26.065	26.016	25.962	25.903	25.838	25.769
743	760	778	796	811	809	807	806
8.460	8.433	8.404	8.375	8.345	8.314	8.282	8.250
2.087	2.081	2.075	2.068	2.061	2.055	2.048	2.040
7.023	7.051	7.078	7.105	7.131	7.157	7.182	7.206
458.689	456.553	454.332	452.031	449.654	447.207	444.691	442.105
1.893	1.887	1.882	1.876	1.870	1.864	1.857	1.851
3.862	3.866	3.869	3.872	3.874	3.876	3.878	3.880
1.377	1.384	1.390	1.397	1.403	1.409	1.416	1.422
1.655	1.650	1.645	1.640	1.635	1.630	1.624	1.619
4.296	4.371	4.446	4.521	4.598	4.676	4.754	4.833
12.290	12.308	12.325	12.340	12.354	12.366	12.377	12.387
8.531	8.506	8.480	8.453	8.425	8.396	8.367	8.336
33.824	33.686	33.542	33.392	33.237	33.078	32.913	32.744
963	980	996	1.013	1.030	1.047	1.065	1.082
3.501	3.491	3.481	3.471	3.461	3.450	3.438	3.427
6.220	6.201	6.181	6.160	6.139	6.117	6.094	6.071
574	587	600	613	626	640	653	667
16.933	16.872	16.807	16.739	16.670	16.598	16.524	16.448
3.713	3.705	3.696	3.687	3.678	3.668	3.659	3.649
1.171	1.171	1.172	1.172	1.172	1.173	1.173	1.172
2.268	2.262	2.256	2.250	2.244	2.237	2.231	2.224
5.730	5.714	5.698	5.680	5.663	5.644	5.625	5.606
9.284	9.255	9.225	9.194	9.162	9.129	9.096	9.061
294	295	297	298	299	300	301	302
1.398	1.418	1.439	1.459	1.480	1.501	1.515	1.510
1.961	1.955	1.948	1.941	1.933	1.926	1.918	1.910
5.507	5.497	5.486	5.475	5.463	5.451	5.439	5.426
272	276	279	283	286	290	293	297
2.499	2.512	2.524	2.536	2.549	2.560	2.572	2.583
2.133	2.146	2.158	2.171	2.184	2.196	2.208	2.220
8.754	8.834	8.915	8.900	8.875	8.849	8.823	8.795
5.799	5.818	5.837	5.855	5.872	5.889	5.905	5.921

1.873	1.868	1.863	1.858	1.852	1.846	1.840	1.834
58.454	58.243	58.023	57.796	57.561	57.319	57.070	56.815
744	757	771	785	800	814	829	843
8.651	8.622	8.587	8.548	8.503	8.454	8.400	8.342
3.008	3.000	2.992	2.984	2.975	2.967	2.957	2.948
1.916	1.912	1.907	1.903	1.898	1.893	1.888	1.883
1.061	1.080	1.100	1.120	1.140	1.160	1.181	1.202
1.181	1.184	1.186	1.189	1.191	1.193	1.195	1.197
29.752	29.604	29.450	29.290	29.127	28.958	28.785	28.608
1.454	1.450	1.446	1.442	1.437	1.432	1.428	1.423
2.155	2.150	2.144	2.138	2.131	2.125	2.118	2.111
4.975	5.040	5.105	5.170	5.235	5.301	5.367	5.434
34.227	34.127	34.022	33.911	33.795	33.674	33.548	33.417
1.707	1.737	1.768	1.766	1.760	1.754	1.748	1.742
2.262	2.267	2.272	2.277	2.281	2.285	2.289	2.293
3.114	3.108	3.100	3.093	3.086	3.078	3.070	3.062
1.314	1.311	1.307	1.303	1.299	1.295	1.291	1.287
39.152	38.964	38.770	38.568	38.360	38.145	37.925	37.698
21.019	20.982	20.943	20.901	20.857	20.810	20.761	20.709
20.722	20.826	20.928	21.029	21.080	21.017	20.951	20.884
903	901	899	897	895	892	890	888
2.404	2.399	2.393	2.387	2.381	2.375	2.368	2.361
7.330	7.400	7.470	7.540	7.609	7.678	7.747	7.815
1.970	1.964	1.958	1.951	1.945	1.938	1.930	1.923
104.598	104.089	103.560	103.011	102.445	101.862	101.263	100.647
2.111	2.105	2.099	2.092	2.086	2.079	2.072	2.065
4.411	4.399	4.387	4.374	4.360	4.347	4.333	4.318
4.727	4.717	4.705	4.694	4.682	4.669	4.657	4.644
2.857	2.849	2.840	2.831	2.822	2.813	2.803	2.793
1.924	1.918	1.913	1.907	1.901	1.894	1.888	1.881
13.576	13.539	13.500	13.461	13.420	13.378	13.334	13.290
4.957	4.951	4.943	4.936	4.927	4.919	4.910	4.900
45.765	45.553	45.333	45.105	44.871	44.631	44.384	44.131
75.539	75.266	74.981	74.685	74.380	74.066	73.743	73.410
28.210	28.126	28.036	27.941	27.841	27.737	27.628	27.515
2.139	2.134	2.129	2.124	2.119	2.114	2.108	2.102
2.356	2.350	2.343	2.336	2.329	2.322	2.315	2.307
1.760	1.773	1.775	1.769	1.764	1.758	1.752	1.746
66.554	66.545	66.520	66.481	66.428	66.361	66.281	66.187
5.992	5.977	5.958	5.940	5.920	5.900	5.880	5.859
1.753	1.748	1.743	1.738	1.733	1.727	1.721	1.715
2.982	2.971	2.961	2.950	2.939	2.927	2.915	2.903
12.183	12.220	12.257	12.250	12.221	12.192	12.161	12.129
27.519	27.388	27.252	27.112	26.966	26.817	26.663	26.505
996	994	992	990	987	985	983	980
6.650	6.634	6.617	6.600	6.582	6.564	6.545	6.525
3.305	3.326	3.347	3.367	3.387	3.407	3.427	3.447
1.427	1.424	1.420	1.415	1.411	1.407	1.402	1.397
4.005	3.994	3.982	3.970	3.958	3.945	3.932	3.919
29.470	29.456	29.437	29.412	29.383	29.347	29.307	29.262
33.590	33.576	33.554	33.492	33.315	33.132	32.944	32.752
963	963	963	963	963	963	963	963
5.068	5.054	5.040	5.025	5.010	4.994	4.977	4.960
4.414	4.402	4.389	4.376	4.362	4.348	4.334	4.319
1.211	1.207	1.203	1.199	1.195	1.190	1.186	1.181
15.806	15.813	15.818	15.821	15.823	15.823	15.821	15.818
14.655	14.708	14.759	14.809	14.858	14.906	14.953	14.999
5.323	5.306	5.288	5.269	5.250	5.230	5.210	5.189
36.259	36.167	36.068	35.960	35.846	35.724	35.596	35.461
1.104	1.131	1.158	1.186	1.190	1.187	1.184	1.180
736	747	759	770	781	793	804	816
262.084	260.712	259.286	257.807	256.281	254.709	253.093	251.432

987	984	982	979	977	974	971	969
89.718	89.321	88.908	88.480	88.038	87.583	87.115	86.635
23.754	23.682	23.606	23.525	23.440	23.351	23.258	23.161
5.774	5.804	5.833	5.862	5.891	5.919	5.946	5.974
4.802	4.784	4.766	4.747	4.727	4.707	4.686	4.665
5.541	5.527	5.513	5.498	5.482	5.466	5.450	5.433
865	879	894	908	922	936	951	965
17.361	17.380	17.398	17.414	17.427	17.439	17.449	17.457
2.416	2.403	2.391	2.378	2.365	2.351	2.338	2.325
3.613	3.637	3.661	3.684	3.708	3.731	3.754	3.777
1.795	1.824	1.853	1.882	1.912	1.942	1.972	2.002
4.050	4.039	4.028	4.016	4.004	3.991	3.978	3.965
4.732	4.727	4.722	4.716	4.711	4.705	4.699	4.693
3.332	3.324	3.315	3.306	3.297	3.287	3.277	3.267
20.366	20.424	20.480	20.533	20.584	20.633	20.679	20.723
29.675	29.410	29.136	28.853	28.563	28.265	27.959	27.646
81.371	81.194	81.000	80.788	80.561	80.319	80.062	79.790
2.892	2.884	2.875	2.866	2.857	2.847	2.838	2.828
26.501	26.352	26.198	26.038	25.872	25.702	25.527	25.347
2.142	2.136	2.129	2.122	2.115	2.108	2.100	2.093
5.649	5.695	5.718	5.701	5.683	5.665	5.646	5.627
1.549	1.558	1.567	1.576	1.584	1.593	1.601	1.610
3.693	3.676	3.660	3.642	3.625	3.606	3.587	3.568
1.074	1.090	1.107	1.123	1.140	1.156	1.173	1.176
4.096	4.077	4.058	4.038	4.018	3.998	3.977	3.957
4.932	4.939	4.945	4.950	4.955	4.959	4.963	4.966
1.846	1.868	1.889	1.911	1.933	1.954	1.976	1.999
902	921	941	960	981	1.001	1.022	1.043
32.200	32.097	31.988	31.874	31.756	31.633	31.505	31.373
1.573	1.568	1.563	1.559	1.553	1.548	1.543	1.537
2.237	2.233	2.229	2.225	2.221	2.217	2.212	2.207
969	980	990	1.001	1.011	1.022	1.032	1.043
21.446	21.397	21.345	21.291	21.234	21.174	21.113	21.048
2.631	2.624	2.617	2.610	2.603	2.595	2.587	2.579
950	968	987	1.006	1.025	1.044	1.064	1.084
2.988	2.980	2.972	2.964	2.955	2.947	2.938	2.929
25.178	25.106	25.030	24.950	24.866	24.778	24.687	24.592
7.230	7.253	7.275	7.297	7.318	7.339	7.359	7.378
2.668	2.674	2.681	2.687	2.692	2.698	2.703	2.708
1.803	1.856	1.909	1.964	1.976	1.970	1.964	1.957
2.806	2.831	2.856	2.881	2.905	2.930	2.955	2.979
16.196	16.194	16.191	16.187	16.180	16.173	16.163	16.153
840	861	883	906	928	952	976	1.000
1.553	1.548	1.543	1.538	1.532	1.527	1.521	1.515
27.287	27.251	27.117	26.978	26.835	26.688	26.537	26.381
3.189	3.182	3.175	3.167	3.159	3.151	3.143	3.134
92.768	92.365	91.946	91.511	91.063	90.601	90.126	89.638
1.504	1.539	1.541	1.535	1.530	1.525	1.519	1.513
7.117	7.099	7.079	7.060	7.039	7.018	6.997	6.974
2.856	2.850	2.844	2.837	2.831	2.824	2.817	2.810
5.625	5.625	5.624	5.622	5.619	5.615	5.611	5.606
489	490	491	492	493	494	495	495
1.388	1.395	1.402	1.410	1.417	1.424	1.431	1.438
5.128	5.112	5.096	5.079	5.062	5.044	5.025	5.007
1.866	1.861	1.855	1.849	1.842	1.836	1.829	1.823
5.189	5.179	5.168	5.157	5.146	5.134	5.122	5.110
3.331	3.361	3.391	3.420	3.449	3.478	3.507	3.536
1.194	1.208	1.222	1.235	1.249	1.263	1.277	1.291
44.679	44.474	44.260	44.039	43.811	43.576	43.334	43.085
2.482	2.484	2.486	2.488	2.489	2.490	2.491	2.492
652	650	649	647	645	643	640	638
1.564	1.584	1.604	1.624	1.644	1.645	1.641	1.636

2.099	2.113	2.127	2.142	2.156	2.169	2.183	2.197
3.271	3.262	3.254	3.245	3.236	3.226	3.216	3.206
1.289	1.319	1.349	1.380	1.411	1.443	1.475	1.486
2.209	2.208	2.207	2.205	2.203	2.201	2.198	2.196
1.070	1.067	1.064	1.061	1.057	1.054	1.050	1.047
3.754	3.746	3.738	3.729	3.720	3.711	3.701	3.691
7.269	7.252	7.233	7.214	7.194	7.174	7.152	7.131
3.083	3.075	3.068	3.060	3.051	3.043	3.034	3.025
1.043	1.040	1.037	1.034	1.031	1.027	1.024	1.020
1.896	1.890	1.884	1.878	1.872	1.865	1.859	1.852
1.141	1.156	1.172	1.188	1.204	1.219	1.235	1.251
47.369	46.921	46.466	46.003	45.533	45.058	44.577	44.090
1.173	1.197	1.221	1.245	1.269	1.294	1.319	1.345
2.137	2.131	2.125	2.118	2.112	2.105	2.098	2.091
3.848	3.888	3.927	3.966	4.005	4.044	4.083	4.117
3.826	3.792	3.758	3.723	3.689	3.654	3.620	3.585
9.403	9.431	9.457	9.483	9.507	9.531	9.554	9.575
4.299	4.305	4.311	4.317	4.322	4.326	4.331	4.334
743	739	734	729	725	720	715	710
1.027	1.024	1.021	1.018	1.015	1.012	1.009	1.005
17.345	17.358	17.369	17.378	17.384	17.389	17.391	17.343
1.343	1.338	1.334	1.329	1.324	1.319	1.314	1.309
11.165	11.172	11.178	11.182	11.184	11.185	11.185	11.183
2.201	2.194	2.188	2.181	2.174	2.167	2.160	2.152
4.915	4.898	4.879	4.860	4.841	4.820	4.799	4.778
8.624	8.597	8.568	8.538	8.508	8.476	8.444	8.410
1.420	1.416	1.411	1.407	1.402	1.397	1.392	1.386
2.118	2.113	2.107	2.100	2.094	2.088	2.081	2.074
2.128	2.121	2.114	2.106	2.099	2.091	2.083	2.075
4.588	4.606	4.623	4.640	4.656	4.672	4.688	4.702
19.043	19.032	19.018	19.002	18.984	18.963	18.941	18.916
1.228	1.249	1.270	1.291	1.312	1.333	1.355	1.368
4.994	4.990	4.978	4.965	4.952	4.939	4.925	4.911
18.656	18.626	18.593	18.557	18.518	18.476	18.432	18.384
22.934	22.895	22.852	22.804	22.752	22.695	22.635	22.570
706	705	703	701	699	697	695	693
2.059	2.071	2.084	2.096	2.109	2.121	2.132	2.144
28.704	28.556	28.403	28.245	28.081	27.912	27.739	27.561
2.970	2.961	2.951	2.941	2.931	2.920	2.909	2.898
1.016	1.040	1.065	1.090	1.116	1.142	1.168	1.196
218.499	217.377	216.213	215.010	213.770	212.496	211.188	209.847
2.229	2.224	2.220	2.215	2.210	2.205	2.199	2.194
1.491	1.490	1.486	1.481	1.477	1.472	1.468	1.463
1.146	1.143	1.140	1.136	1.133	1.130	1.126	1.122
46.953	46.748	46.535	46.314	46.086	45.851	45.609	45.360
2.528	2.522	2.516	2.509	2.503	2.496	2.489	2.482
12.749	12.705	12.660	12.612	12.564	12.514	12.462	12.409
32.573	32.585	32.591	32.494	32.342	32.185	32.025	31.859
5.448	5.430	5.411	5.391	5.371	5.350	5.329	5.307
42.467	42.385	42.295	42.196	42.088	41.968	41.726	41.478
8.900	8.881	8.860	8.839	8.817	8.793	8.769	8.744
6.321	6.391	6.392	6.370	6.348	6.326	6.303	6.279
4.540	4.529	4.517	4.506	4.493	4.481	4.468	4.455
1.908	1.936	1.964	1.992	2.020	2.048	2.076	2.104
49.005	48.791	48.570	48.341	48.106	47.865	47.618	47.365
787	799	811	822	834	846	858	870
2.532	2.574	2.617	2.661	2.705	2.749	2.794	2.839
202.409	201.394	200.333	199.229	198.086	196.904	195.684	194.427
1.279	1.275	1.271	1.268	1.264	1.260	1.255	1.251
5.550	5.534	5.518	5.501	5.484	5.465	5.447	5.428
743	742	741	739	738	737	736	734
7.318	7.313	7.307	7.300	7.292	7.284	7.275	7.265

2.873	2.878	2.882	2.886	2.890	2.893	2.896	2.899
304.917	303.689	302.408	301.075	299.696	298.271	296.803	295.290
3.047	3.012	2.976	2.941	2.905	2.870	2.835	2.800
1.957	1.974	1.990	2.006	2.022	2.018	2.010	2.001
1.220	1.247	1.275	1.304	1.322	1.318	1.313	1.308
2.651	2.645	2.639	2.633	2.626	2.620	2.613	2.606
1.278	1.290	1.302	1.315	1.327	1.339	1.351	1.363
10.041	10.018	9.993	9.968	9.942	9.915	9.887	9.858
822	819	817	814	811	808	805	802
1.308	1.306	1.303	1.301	1.299	1.296	1.294	1.292
14.168	14.286	14.403	14.519	14.635	14.751	14.867	14.983
7.620	7.661	7.701	7.741	7.780	7.818	7.856	7.893
1.509	1.504	1.500	1.494	1.489	1.484	1.478	1.472
2.296	2.291	2.286	2.280	2.275	2.269	2.263	2.257
940	938	935	933	930	927	925	922
32.169	32.142	32.108	32.068	32.021	31.969	31.911	31.847
1.315.995	1.308.379	1.300.462	1.292.256	1.283.784	1.275.060	1.266.087	1.256.867
2.751	2.777	2.803	2.830	2.856	2.883	2.909	2.936
1.040	1.047	1.054	1.061	1.068	1.074	1.081	1.087
489	493	496	500	503	507	511	514
7.659	7.715	7.770	7.824	7.878	7.932	7.985	8.038
1.073	1.088	1.103	1.119	1.134	1.149	1.165	1.180
2.748	2.738	2.728	2.717	2.706	2.695	2.683	2.671
3.066	3.118	3.171	3.166	3.158	3.149	3.141	3.132
798	811	823	835	848	861	873	886
2.581	2.603	2.596	2.590	2.583	2.575	2.568	2.560
21.769	21.715	21.658	21.599	21.537	21.474	21.409	21.341
1.081	1.078	1.076	1.073	1.070	1.067	1.064	1.061
1.496	1.492	1.488	1.484	1.479	1.475	1.470	1.466
3.132	3.162	3.191	3.221	3.250	3.279	3.308	3.337
3.550	3.553	3.556	3.558	3.560	3.561	3.562	3.563
1.251	1.248	1.245	1.241	1.238	1.235	1.231	1.227
11.084	11.156	11.227	11.297	11.367	11.436	11.504	11.572
1.694	1.691	1.688	1.684	1.681	1.677	1.674	1.670
180.758	179.820	178.848	177.841	176.804	175.737	174.641	173.516
24.480	24.401	24.318	24.232	24.142	24.048	23.951	23.851
2.974	2.970	2.966	2.961	2.956	2.951	2.945	2.939
9.317	9.289	9.261	9.232	9.201	9.170	9.138	9.105
4.499	4.484	4.469	4.453	4.436	4.419	4.402	4.384
1.227	1.253	1.279	1.306	1.333	1.350	1.346	1.342
16.465	16.414	16.362	16.307	16.251	16.194	16.134	16.073
8.748	8.724	8.700	8.675	8.648	8.621	8.594	8.565
3.475	3.466	3.457	3.448	3.438	3.428	3.418	3.408
4.459	4.514	4.555	4.543	4.530	4.517	4.503	4.489
32.679	32.564	32.443	32.318	32.187	32.053	31.913	31.770
1.726	1.721	1.717	1.712	1.707	1.701	1.696	1.690
2.305	2.300	2.294	2.288	2.282	2.276	2.269	2.262
9.796	9.824	9.852	9.879	9.905	9.930	9.955	9.976
1.998	1.991	1.984	1.976	1.968	1.960	1.952	1.943
5.811	5.856	5.900	5.942	5.957	5.915	5.872	5.827
14.664	14.621	14.576	14.529	14.481	14.431	14.380	14.327
7.184	7.193	7.201	7.207	7.214	7.219	7.224	7.228
1.164	1.161	1.158	1.154	1.150	1.146	1.142	1.138
6.151	6.129	6.107	6.083	6.059	6.034	6.009	5.982
122.457	122.023	121.563	121.079	120.572	120.043	119.492	118.919
550	547	543	540	536	533	529	526
262.297	261.086	259.818	258.495	257.121	255.700	254.230	252.713
2.026	1.985	1.944	1.904	1.865	1.826	1.788	1.751
74.694	74.589	74.470	74.337	74.191	74.034	73.864	73.682
672	676	679	683	687	691	694	698
27.706	27.632	27.554	27.470	27.382	27.289	27.192	27.091
4.893	4.882	4.871	4.859	4.847	4.835	4.822	4.808

74.711	74.301	73.878	73.443	72.997	72.540	72.073	71.595
47.506	47.453	47.393	47.325	47.250	47.168	47.079	46.983
76.271	75.974	75.665	75.345	75.015	74.674	74.325	73.965
38.266	38.091	37.909	37.720	37.525	37.324	37.118	36.906
8.513	8.567	8.621	8.674	8.726	8.778	8.829	8.880
1.455	1.451	1.447	1.442	1.438	1.433	1.428	1.424
1.868	1.862	1.856	1.850	1.844	1.837	1.831	1.824
13.447	13.480	13.512	13.542	13.571	13.598	13.558	13.510
11.643	11.725	11.805	11.885	11.964	12.041	12.119	12.195
1.635	1.631	1.626	1.621	1.617	1.612	1.607	1.601
54.160	54.001	53.833	53.657	53.474	53.284	53.087	52.883
2.464	2.458	2.451	2.444	2.437	2.429	2.422	2.414
14.733	14.775	14.816	14.855	14.893	14.929	14.965	14.999
17.876	17.934	17.990	18.043	18.095	18.145	18.193	18.239
55.079	55.001	54.915	54.820	54.718	54.607	54.489	54.364
16.645	16.615	16.584	16.551	16.516	16.480	16.443	16.404
3.105	3.096	3.088	3.079	3.070	3.060	3.051	3.041
2.369	2.362	2.355	2.347	2.339	2.331	2.323	2.314
2.025	2.019	2.013	2.007	2.000	1.993	1.986	1.979
1.645	1.641	1.637	1.633	1.629	1.624	1.620	1.615
1.221	1.240	1.260	1.279	1.299	1.309	1.305	1.302
2.557	2.545	2.533	2.521	2.508	2.495	2.482	2.469
1.673	1.667	1.662	1.656	1.650	1.644	1.637	1.631
19.948	19.901	19.849	19.795	19.737	19.676	19.611	19.544
4.666	4.665	4.663	4.661	4.658	4.655	4.651	4.646
1.076	1.076	1.076	1.075	1.074	1.072	1.069	1.066
2.897	2.886	2.875	2.864	2.852	2.840	2.827	2.814
213.430	212.311	211.149	209.945	208.703	207.425	206.111	204.762
27.701	27.718	27.729	27.735	27.737	27.734	27.727	27.715
34.429	34.281	34.126	33.966	33.801	33.631	33.456	33.277
18.841	18.821	18.798	18.774	18.747	18.718	18.688	18.655
4.905	4.891	4.878	4.864	4.849	4.834	4.819	4.803
1.678	1.670	1.663	1.655	1.647	1.639	1.631	1.622
4.911	4.897	4.884	4.870	4.855	4.840	4.824	4.808
4.202	4.213	4.224	4.235	4.244	4.254	4.262	4.271
3.330	3.376	3.422	3.469	3.516	3.563	3.611	3.659
3.176	3.168	3.160	3.151	3.142	3.133	3.124	3.114
681	686	690	695	699	704	708	712
2.135	2.128	2.122	2.115	2.107	2.100	2.092	2.085
12.647	12.660	12.671	12.681	12.689	12.697	12.703	12.708
21.801	21.796	21.788	21.779	21.767	21.753	21.737	21.719
18.907	18.928	18.948	18.965	18.982	18.996	19.009	19.021
2.273	2.267	2.261	2.255	2.249	2.242	2.236	2.229
1.519	1.531	1.526	1.521	1.516	1.511	1.506	1.500
593	596	598	600	602	604	606	608
1.582	1.580	1.579	1.577	1.575	1.572	1.570	1.567
6.708	6.730	6.752	6.773	6.793	6.813	6.832	6.851
73.430	73.183	72.923	72.651	72.369	72.076	71.774	71.461
130.812	130.217	129.598	128.957	128.295	127.613	126.912	126.191
22.704	22.636	22.565	22.492	22.417	22.339	22.259	22.177
8.291	8.257	8.221	8.185	8.147	8.108	8.067	8.026
1.883	1.878	1.873	1.868	1.863	1.858	1.853	1.847
2.429	2.451	2.473	2.496	2.518	2.540	2.562	2.585
4.567	4.553	4.539	4.524	4.509	4.493	4.477	4.461
1.595	1.590	1.586	1.581	1.576	1.572	1.567	1.561
1.470	1.470	1.470	1.470	1.470	1.470	1.469	1.469
16.839	16.783	16.725	16.664	16.602	16.537	16.471	16.403
931	939	946	952	958	964	969	974
3.859	3.850	3.841	3.831	3.821	3.811	3.800	3.789
2.259	2.293	2.328	2.362	2.397	2.432	2.468	2.504
1.042	1.067	1.080	1.075	1.070	1.065	1.060	1.055
2.372	2.366	2.360	2.354	2.347	2.341	2.334	2.327

1.130	1.136	1.143	1.149	1.156	1.162	1.169	1.175
1.760	1.779	1.798	1.817	1.837	1.856	1.875	1.894
13.401	13.448	13.495	13.540	13.583	13.626	13.667	13.707
28.628	28.635	28.637	28.634	28.625	28.612	28.594	28.571
1.825	1.833	1.840	1.848	1.855	1.863	1.870	1.876
24.369	24.282	24.193	24.100	24.003	23.904	23.803	23.698
9.721	9.720	9.717	9.713	9.707	9.701	9.694	9.686
14.345	14.354	14.361	14.367	14.372	14.375	14.332	14.287
43.989	43.882	43.770	43.653	43.532	43.406	43.276	43.142
23.634	23.623	23.606	23.586	23.562	23.534	23.502	23.466
2.169	2.162	2.155	2.148	2.141	2.133	2.125	2.117
4.663	4.650	4.636	4.622	4.608	4.593	4.578	4.562
11.060	11.090	11.120	11.148	11.175	11.200	11.225	11.248
10.203	10.165	10.126	10.085	10.043	9.999	9.954	9.908
32.456	32.300	32.137	31.969	31.795	31.615	31.431	31.242
2.270	2.262	2.253	2.245	2.236	2.227	2.217	2.208
3.065	3.059	3.053	3.047	3.040	3.034	3.027	3.020
1.525	1.521	1.517	1.514	1.510	1.506	1.501	1.497
41.308	41.104	40.893	40.673	40.447	40.214	39.974	39.727
53.829	53.573	53.307	53.031	52.746	52.453	52.151	51.841
1.032	1.037	1.041	1.046	1.050	1.054	1.059	1.063
1.804	1.800	1.795	1.790	1.785	1.780	1.775	1.770
9.799	9.768	9.736	9.703	9.669	9.634	9.598	9.561
20.724	20.687	20.651	20.614	20.578	20.542	20.506	20.469
23.705	23.776	23.844	23.909	23.972	24.033	24.091	24.146
1.023	1.055	1.088	1.089	1.085	1.082	1.079	1.075
3.279	3.268	3.258	3.247	3.235	3.223	3.211	3.198
23.044	23.051	23.054	23.051	23.045	23.035	23.020	23.001
6.745	6.720	6.693	6.666	6.638	6.609	6.579	6.548
19.438	19.439	19.435	19.428	19.418	19.404	19.386	19.365
4.937	4.947	4.933	4.919	4.905	4.890	4.875	4.859
1.501	1.507	1.514	1.521	1.527	1.533	1.540	1.546
819	832	845	858	871	885	898	912
17.228	17.215	17.199	17.182	17.163	17.143	17.122	17.099
3.909	3.908	3.906	3.903	3.900	3.897	3.893	3.888
7.302	7.362	7.422	7.416	7.393	7.369	7.344	7.319
1.677	1.677	1.676	1.675	1.674	1.673	1.672	1.670
792	805	818	830	843	856	870	883
543	555	568	582	595	609	623	638
1.196	1.209	1.222	1.235	1.247	1.260	1.273	1.285
112.003	111.607	111.192	110.758	110.306	109.839	109.354	108.854
60.064	59.863	59.652	59.431	59.202	58.964	58.718	58.463
2.665	2.732	2.801	2.869	2.939	3.010	3.081	3.153
5.742	5.736	5.730	5.723	5.716	5.707	5.698	5.688
1.315	1.330	1.346	1.361	1.376	1.391	1.406	1.421
1.792	1.787	1.782	1.776	1.770	1.764	1.758	1.752
52.065	52.143	52.211	52.269	52.319	52.359	52.391	52.415
18.507	18.420	18.329	18.236	18.139	18.039	17.936	17.830
21.728	21.713	21.695	21.675	21.653	21.628	21.601	21.571
953	978	1.002	1.028	1.053	1.070	1.067	1.064
4.270	4.260	4.250	4.239	4.228	4.216	4.205	4.192
216.934	216.124	215.270	214.375	213.440	212.468	211.459	210.414
3.219	3.241	3.233	3.225	3.216	3.207	3.198	3.189
1.935	1.930	1.925	1.920	1.915	1.909	1.903	1.897
3.258	3.247	3.236	3.224	3.212	3.199	3.187	3.173
1.240	1.236	1.233	1.229	1.225	1.221	1.217	1.213
3.946	3.934	3.921	3.908	3.895	3.881	3.867	3.853
3.146	3.182	3.219	3.255	3.291	3.328	3.364	3.390
1.851	1.846	1.841	1.836	1.831	1.825	1.819	1.813
809	821	834	847	860	873	886	899
1.936	1.930	1.925	1.919	1.913	1.906	1.900	1.893
1.946	1.941	1.936	1.931	1.926	1.921	1.915	1.910

2.144	2.132	2.121	2.108	2.096	2.083	2.069	2.056
16.333	16.274	16.212	16.148	16.081	16.013	15.943	15.871
9.904.504	9.872.113	9.837.443	9.800.308	9.761.061	9.719.863	9.676.839	9.632.095

ano 2052	ano 2053	ano 2054	ano 2055	ano 2056	ano 2057	ano 2058	ano 2059	ano 2060	ano 2061
2.427	2.419	2.410	2.401	2.392	2.383	2.373	2.364	2.354	2.344
2.646	2.635	2.625	2.614	2.602	2.591	2.579	2.568	2.555	2.543
10.905	10.868	10.831	10.792	10.753	10.713	10.672	10.631	10.589	10.546
5.875	5.855	5.835	5.815	5.794	5.772	5.751	5.728	5.706	5.683
4.176	4.163	4.150	4.137	4.124	4.110	4.096	4.082	4.068	4.053
64.439	64.184	63.921	63.651	63.374	63.090	62.800	62.504	62.201	61.892
2.493	2.485	2.478	2.471	2.463	2.455	2.447	2.439	2.431	2.423
1.337	1.333	1.328	1.323	1.318	1.313	1.308	1.303	1.297	1.292
4.157	4.144	4.131	4.117	4.103	4.089	4.075	4.060	4.046	4.031
1.221	1.217	1.212	1.208	1.203	1.198	1.193	1.188	1.183	1.178
1.721	1.742	1.762	1.757	1.749	1.741	1.733	1.725	1.717	1.708
177.109	175.948	174.760	173.546	172.306	171.043	169.757	168.448	167.119	165.769
3.110	3.102	3.093	3.084	3.075	3.065	3.056	3.046	3.036	3.026
6.653	6.626	6.599	6.572	6.543	6.515	6.485	6.456	6.425	6.395
771	769	766	763	761	758	755	752	749	746
4.041	4.026	4.011	3.996	3.980	3.964	3.948	3.931	3.914	3.897
10.694	10.698	10.701	10.703	10.703	10.702	10.700	10.696	10.691	10.684
3.567	3.552	3.536	3.520	3.504	3.488	3.471	3.454	3.436	3.419
5.920	5.867	5.814	5.760	5.706	5.652	5.597	5.542	5.487	5.431
4.396	4.380	4.364	4.347	4.330	4.312	4.294	4.276	4.257	4.239
19.709	19.705	19.698	19.690	19.679	19.665	19.650	19.633	19.613	19.592
1.513	1.507	1.502	1.496	1.491	1.485	1.479	1.473	1.467	1.461
10.233	10.182	10.129	10.075	10.020	9.963	9.906	9.847	9.788	9.727
7.573	7.604	7.636	7.666	7.696	7.725	7.754	7.783	7.810	7.838
12.519	12.457	12.394	12.329	12.264	12.198	12.131	12.063	11.995	11.926
16.470	16.467	16.462	16.456	16.448	16.439	16.429	16.417	16.405	16.391
8.989	8.954	8.919	8.883	8.847	8.810	8.772	8.733	8.694	8.654
4.844	4.825	4.807	4.787	4.768	4.748	4.728	4.707	4.686	4.665
2.310	2.302	2.294	2.286	2.278	2.270	2.262	2.253	2.244	2.235
111.992	111.316	110.624	109.916	109.194	108.458	107.709	106.947	106.173	105.386
14.331	14.260	14.187	14.113	14.037	13.960	13.881	13.801	13.720	13.637
5.777	5.773	5.768	5.764	5.759	5.755	5.750	5.745	5.740	5.735
6.201	6.175	6.149	6.122	6.094	6.066	6.037	6.008	5.978	5.948
1.479	1.505	1.531	1.558	1.584	1.611	1.639	1.667	1.695	1.723
2.752	2.741	2.730	2.719	2.708	2.696	2.685	2.673	2.660	2.648
3.154	3.144	3.134	3.123	3.112	3.101	3.089	3.077	3.065	3.053
9.288	9.261	9.233	9.205	9.176	9.146	9.115	9.084	9.052	9.019
984	990	987	984	981	977	974	971	968	964
2.171	2.162	2.153	2.144	2.135	2.125	2.116	2.106	2.096	2.086
4.228	4.214	4.200	4.186	4.171	4.156	4.141	4.126	4.110	4.094
6.354	6.336	6.319	6.300	6.282	6.263	6.243	6.224	6.204	6.183
1.215	1.211	1.207	1.203	1.199	1.195	1.190	1.186	1.181	1.177
116.212	115.422	114.615	113.789	112.946	112.087	111.213	110.324	109.420	108.502
1.691	1.686	1.680	1.674	1.668	1.662	1.656	1.650	1.643	1.637
6.055	6.030	6.005	5.980	5.954	5.927	5.900	5.872	5.844	5.816
1.300	1.295	1.291	1.286	1.282	1.277	1.272	1.267	1.263	1.258
1.543	1.538	1.533	1.527	1.522	1.516	1.510	1.504	1.498	1.492
785	797	810	823	836	850	863	877	891	905
9.773	9.737	9.701	9.665	9.627	9.589	9.550	9.510	9.470	9.429
12.355	12.266	12.176	12.083	11.989	11.893	11.795	11.695	11.594	11.491
1.427	1.423	1.418	1.413	1.408	1.404	1.399	1.393	1.388	1.383
10.126	10.105	10.083	10.060	10.035	10.010	9.984	9.956	9.928	9.899
2.393	2.422	2.452	2.481	2.511	2.542	2.572	2.604	2.635	2.667
3.905	3.914	3.923	3.931	3.939	3.946	3.946	3.933	3.919	3.906
1.251	1.246	1.242	1.237	1.232	1.227	1.222	1.217	1.212	1.207
2.863	2.854	2.845	2.836	2.826	2.816	2.806	2.796	2.786	2.776
3.357	3.344	3.330	3.316	3.302	3.287	3.272	3.257	3.241	3.226
18.560	18.501	18.440	18.377	18.314	18.249	18.183	18.116	18.048	17.978
27.922	27.770	27.614	27.454	27.291	27.125	26.956	26.784	26.610	26.432
8.137	8.096	8.054	8.013	7.970	7.928	7.885	7.842	7.799	7.756
68.491	68.231	67.963	67.686	67.401	67.109	66.810	66.503	66.190	65.870

128.687	127.826	126.944	126.044	125.124	124.187	123.233	122.263	121.276	120.275
2.075	2.083	2.091	2.099	2.107	2.114	2.122	2.129	2.136	2.143
4.108	4.094	4.079	4.064	4.049	4.033	4.018	4.001	3.985	3.968
3.283	3.272	3.260	3.248	3.235	3.223	3.210	3.197	3.184	3.170
51.157	50.992	50.821	50.643	50.458	50.267	50.071	49.868	49.660	49.446
2.582	2.570	2.558	2.546	2.534	2.521	2.509	2.496	2.482	2.469
5.548	5.528	5.507	5.486	5.465	5.443	5.421	5.398	5.375	5.351
1.825	1.838	1.851	1.864	1.877	1.889	1.902	1.914	1.927	1.939
3.945	3.978	3.964	3.949	3.934	3.918	3.902	3.886	3.870	3.853
5.125	5.107	5.088	5.069	5.050	5.030	5.010	4.990	4.969	4.948
58.074	57.781	57.481	57.174	56.860	56.540	56.215	55.883	55.546	55.203
4.785	4.802	4.803	4.787	4.770	4.752	4.735	4.717	4.699	4.680
2.540	2.544	2.549	2.553	2.557	2.560	2.564	2.567	2.570	2.572
19.313	19.208	19.101	18.991	18.879	18.765	18.649	18.531	18.411	18.289
3.662	3.649	3.636	3.622	3.608	3.594	3.580	3.565	3.550	3.535
9.258	9.215	9.170	9.125	9.079	9.032	8.984	8.935	8.885	8.835
46.444	46.160	45.869	45.571	45.267	44.957	44.642	44.322	43.996	43.665
25.902	26.003	26.101	26.196	26.287	26.376	26.462	26.544	26.624	26.701
329.804	327.772	325.694	323.570	321.402	319.192	316.942	314.653	312.328	309.966
585	589	594	598	603	607	612	616	620	625
262	257	253	248	244	239	235	231	227	222
58.805	58.385	57.955	57.517	57.070	56.615	56.152	55.682	55.204	54.720
1.811	1.804	1.797	1.790	1.783	1.775	1.768	1.760	1.752	1.744
25.065	24.959	24.822	24.661	24.496	24.329	24.158	23.985	23.808	23.629
8.650	8.655	8.659	8.663	8.665	8.667	8.668	8.668	8.667	8.665
1.854	1.870	1.885	1.900	1.916	1.918	1.908	1.898	1.888	1.878
3.859	3.844	3.829	3.813	3.797	3.780	3.764	3.747	3.730	3.712
4.242	4.222	4.202	4.182	4.160	4.139	4.117	4.095	4.072	4.049
59.052	58.739	58.418	58.091	57.757	57.416	57.069	56.716	56.358	55.994
25.695	25.615	25.531	25.443	25.349	25.251	25.149	25.042	24.931	24.816
804	802	800	798	796	794	791	789	787	785
8.216	8.182	8.146	8.110	8.074	8.036	7.998	7.959	7.920	7.880
2.033	2.025	2.017	2.009	2.001	1.993	1.984	1.976	1.967	1.958
7.230	7.253	7.275	7.297	7.319	7.339	7.360	7.380	7.363	7.333
439.451	436.732	433.952	431.110	428.209	425.252	422.242	419.180	416.068	412.908
1.844	1.837	1.830	1.823	1.815	1.808	1.800	1.792	1.784	1.776
3.881	3.881	3.882	3.882	3.882	3.881	3.880	3.879	3.878	3.876
1.428	1.434	1.440	1.446	1.451	1.457	1.462	1.468	1.473	1.479
1.613	1.607	1.601	1.594	1.588	1.582	1.575	1.568	1.561	1.554
4.914	4.995	5.077	5.160	5.244	5.270	5.251	5.232	5.213	5.193
12.395	12.402	12.408	12.412	12.415	12.417	12.418	12.417	12.415	12.412
8.305	8.273	8.240	8.207	8.173	8.138	8.103	8.067	8.030	7.993
32.571	32.393	32.211	32.024	31.834	31.639	31.442	31.240	31.035	30.827
1.100	1.118	1.137	1.155	1.174	1.193	1.212	1.232	1.251	1.271
3.415	3.403	3.390	3.378	3.365	3.352	3.338	3.324	3.311	3.296
6.047	6.023	5.998	5.972	5.946	5.920	5.893	5.865	5.837	5.809
682	696	711	726	741	757	773	789	805	821
16.370	16.290	16.209	16.126	16.040	15.954	15.865	15.775	15.684	15.591
3.638	3.628	3.617	3.606	3.594	3.583	3.571	3.559	3.547	3.535
1.172	1.172	1.171	1.171	1.170	1.169	1.168	1.167	1.166	1.165
2.217	2.209	2.202	2.194	2.186	2.178	2.170	2.162	2.154	2.145
5.586	5.565	5.544	5.523	5.501	5.479	5.456	5.433	5.410	5.386
9.025	8.988	8.951	8.913	8.874	8.834	8.793	8.752	8.710	8.668
303	304	305	306	307	308	309	310	311	311
1.506	1.501	1.496	1.491	1.486	1.481	1.475	1.470	1.465	1.459
1.902	1.893	1.885	1.876	1.867	1.858	1.849	1.839	1.830	1.820
5.413	5.400	5.387	5.373	5.359	5.344	5.330	5.315	5.300	5.284
300	304	307	311	314	318	321	325	328	332
2.595	2.599	2.589	2.579	2.569	2.558	2.548	2.537	2.526	2.515
2.232	2.244	2.255	2.267	2.278	2.288	2.279	2.270	2.261	2.252
8.767	8.738	8.709	8.679	8.648	8.617	8.585	8.552	8.519	8.486
5.936	5.950	5.964	5.978	5.990	6.003	6.014	6.025	6.036	6.046

1.828	1.821	1.815	1.808	1.801	1.794	1.787	1.780	1.772	1.765
56.552	56.284	56.009	55.728	55.442	55.149	54.852	54.549	54.242	53.930
859	874	889	905	921	937	950	948	945	943
8.278	8.209	8.136	8.058	7.975	7.887	7.794	7.697	7.595	7.488
2.939	2.929	2.919	2.908	2.898	2.887	2.877	2.865	2.854	2.843
1.877	1.872	1.866	1.861	1.855	1.849	1.843	1.836	1.830	1.824
1.223	1.245	1.267	1.289	1.311	1.334	1.357	1.381	1.405	1.429
1.199	1.201	1.203	1.204	1.206	1.207	1.209	1.210	1.211	1.212
28.426	28.241	28.051	27.858	27.661	27.460	27.256	27.049	26.838	26.625
1.418	1.413	1.407	1.402	1.397	1.391	1.385	1.379	1.374	1.368
2.104	2.097	2.089	2.081	2.074	2.066	2.058	2.049	2.041	2.033
5.501	5.568	5.635	5.703	5.771	5.840	5.909	5.978	6.048	6.117
33.281	33.141	32.996	32.847	32.693	32.535	32.374	32.208	32.039	31.866
1.736	1.729	1.722	1.715	1.708	1.701	1.694	1.687	1.679	1.671
2.297	2.301	2.304	2.307	2.310	2.313	2.315	2.318	2.320	2.322
3.053	3.045	3.036	3.027	3.018	3.008	2.999	2.989	2.979	2.969
1.283	1.278	1.274	1.269	1.264	1.260	1.255	1.250	1.245	1.240
37.466	37.227	36.984	36.735	36.480	36.221	35.957	35.689	35.416	35.139
20.656	20.600	20.542	20.481	20.419	20.355	20.289	20.221	20.151	20.080
20.814	20.744	20.671	20.597	20.521	20.444	20.366	20.286	20.205	20.123
885	883	880	877	875	872	869	866	864	861
2.354	2.347	2.340	2.333	2.325	2.317	2.310	2.302	2.294	2.285
7.884	7.932	7.900	7.867	7.833	7.799	7.764	7.728	7.692	7.655
1.916	1.908	1.900	1.892	1.884	1.876	1.867	1.859	1.850	1.841
100.015	99.367	98.705	98.028	97.336	96.632	95.915	95.186	94.444	93.691
2.058	2.050	2.042	2.035	2.026	2.018	2.010	2.001	1.993	1.984
4.303	4.288	4.273	4.257	4.240	4.224	4.207	4.190	4.172	4.155
4.630	4.616	4.602	4.588	4.573	4.558	4.543	4.528	4.512	4.496
2.782	2.772	2.761	2.750	2.738	2.727	2.715	2.703	2.691	2.679
1.874	1.867	1.860	1.853	1.846	1.838	1.830	1.822	1.814	1.806
13.244	13.197	13.149	13.100	13.050	12.999	12.947	12.894	12.841	12.786
4.890	4.880	4.869	4.858	4.846	4.834	4.822	4.809	4.796	4.783
43.872	43.607	43.336	43.060	42.779	42.492	42.201	41.906	41.606	41.302
73.070	72.721	72.364	71.999	71.626	71.246	70.860	70.467	70.067	69.661
27.397	27.275	27.149	27.019	26.885	26.747	26.605	26.460	26.311	26.159
2.096	2.090	2.084	2.078	2.072	2.065	2.059	2.052	2.045	2.038
2.299	2.291	2.283	2.275	2.266	2.258	2.249	2.240	2.231	2.221
1.739	1.733	1.726	1.720	1.713	1.706	1.699	1.691	1.684	1.676
65.995	65.553	65.100	64.637	64.165	63.683	63.193	62.695	62.188	61.673
5.837	5.815	5.793	5.769	5.746	5.722	5.697	5.672	5.647	5.621
1.709	1.703	1.697	1.690	1.684	1.677	1.670	1.663	1.656	1.649
2.890	2.877	2.864	2.851	2.837	2.823	2.809	2.794	2.779	2.764
12.097	12.064	12.030	11.996	11.961	11.925	11.888	11.851	11.813	11.775
26.343	26.177	26.007	25.833	25.656	25.475	25.291	25.104	24.914	24.721
977	975	972	969	966	963	961	958	954	951
6.505	6.485	6.464	6.443	6.421	6.399	6.376	6.353	6.330	6.306
3.466	3.485	3.504	3.523	3.542	3.560	3.578	3.596	3.614	3.632
1.393	1.388	1.383	1.377	1.372	1.367	1.361	1.356	1.350	1.345
3.905	3.891	3.876	3.862	3.847	3.831	3.816	3.800	3.783	3.767
29.212	29.157	29.097	29.032	28.963	28.889	28.810	28.727	28.640	28.549
32.554	32.351	32.144	31.932	31.715	31.495	31.270	31.042	30.810	30.574
963	963	962	962	961	961	960	959	958	958
4.943	4.926	4.907	4.889	4.870	4.851	4.831	4.811	4.791	4.771
4.304	4.289	4.274	4.258	4.242	4.225	4.208	4.192	4.174	4.157
1.176	1.171	1.166	1.161	1.156	1.151	1.145	1.140	1.134	1.128
15.812	15.806	15.797	15.788	15.776	15.764	15.704	15.637	15.569	15.499
15.043	15.087	15.129	15.171	15.212	15.251	15.290	15.267	15.214	15.161
5.167	5.145	5.123	5.100	5.076	5.052	5.028	5.003	4.978	4.953
35.319	35.170	35.015	34.854	34.687	34.513	34.334	34.149	33.958	33.762
1.177	1.173	1.170	1.166	1.162	1.158	1.154	1.150	1.146	1.142
828	839	851	864	876	888	901	913	926	939
249.727	247.981	246.196	244.370	242.507	240.608	238.674	236.708	234.709	232.679

966	963	960	956	953	950	947	943	940	936
86.141	85.636	85.119	84.591	84.052	83.502	82.943	82.374	81.796	81.209
23.060	22.955	22.847	22.735	22.619	22.500	22.377	22.252	22.123	21.991
6.001	6.027	6.053	6.079	6.104	6.129	6.153	6.177	6.201	6.224
4.643	4.621	4.598	4.574	4.550	4.526	4.501	4.476	4.450	4.424
5.415	5.397	5.379	5.361	5.342	5.322	5.302	5.282	5.262	5.241
980	994	1.009	1.023	1.038	1.053	1.068	1.082	1.097	1.112
17.464	17.468	17.471	17.472	17.472	17.469	17.466	17.460	17.453	17.445
2.311	2.297	2.283	2.269	2.255	2.240	2.226	2.211	2.196	2.182
3.799	3.821	3.843	3.865	3.887	3.908	3.929	3.950	3.964	3.948
2.033	2.064	2.095	2.127	2.158	2.152	2.145	2.138	2.131	2.123
3.951	3.937	3.923	3.908	3.894	3.878	3.863	3.847	3.831	3.815
4.686	4.680	4.673	4.667	4.660	4.653	4.646	4.638	4.631	4.623
3.256	3.245	3.234	3.223	3.212	3.200	3.188	3.176	3.164	3.151
20.764	20.749	20.662	20.573	20.482	20.389	20.295	20.199	20.101	20.002
27.326	27.000	26.667	26.327	25.981	25.630	25.273	24.911	24.544	24.172
79.502	79.200	78.885	78.553	77.997	77.431	76.854	76.268	75.672	75.066
2.817	2.807	2.796	2.785	2.774	2.763	2.751	2.739	2.727	2.715
25.163	24.974	24.780	24.583	24.381	24.175	23.966	23.753	23.537	23.317
2.085	2.076	2.068	2.060	2.051	2.042	2.033	2.024	2.015	2.005
5.607	5.587	5.567	5.546	5.524	5.502	5.480	5.457	5.434	5.411
1.618	1.626	1.634	1.642	1.650	1.658	1.666	1.674	1.681	1.689
3.548	3.527	3.507	3.485	3.463	3.441	3.418	3.395	3.372	3.348
1.172	1.169	1.165	1.161	1.158	1.154	1.150	1.146	1.142	1.137
3.936	3.914	3.893	3.871	3.849	3.827	3.805	3.782	3.760	3.737
4.968	4.970	4.971	4.971	4.971	4.971	4.970	4.968	4.966	4.963
2.021	2.042	2.036	2.030	2.024	2.018	2.012	2.005	1.999	1.992
1.065	1.087	1.109	1.126	1.122	1.119	1.116	1.112	1.109	1.105
31.237	31.096	30.951	30.803	30.650	30.494	30.334	30.171	30.004	29.835
1.531	1.526	1.520	1.514	1.507	1.501	1.495	1.488	1.481	1.474
2.203	2.198	2.193	2.187	2.182	2.177	2.172	2.166	2.160	2.155
1.053	1.064	1.074	1.085	1.095	1.106	1.103	1.099	1.095	1.091
20.982	20.913	20.842	20.769	20.693	20.616	20.537	20.456	20.373	20.288
2.571	2.562	2.554	2.545	2.536	2.526	2.517	2.507	2.498	2.488
1.104	1.125	1.146	1.167	1.184	1.181	1.178	1.174	1.171	1.167
2.919	2.909	2.900	2.889	2.879	2.869	2.858	2.847	2.836	2.825
24.493	24.391	24.286	24.177	24.066	23.951	23.833	23.712	23.589	23.463
7.397	7.415	7.432	7.449	7.465	7.481	7.496	7.510	7.524	7.537
2.713	2.718	2.722	2.726	2.730	2.734	2.738	2.741	2.744	2.747
1.951	1.944	1.937	1.930	1.923	1.916	1.909	1.901	1.894	1.886
3.004	3.028	3.053	3.077	3.102	3.126	3.150	3.175	3.199	3.223
16.141	16.127	16.112	16.096	16.079	16.060	16.041	16.020	15.997	15.974
1.025	1.050	1.076	1.103	1.130	1.157	1.186	1.215	1.244	1.274
1.509	1.503	1.496	1.489	1.483	1.476	1.469	1.462	1.455	1.447
26.221	26.058	25.890	25.719	25.545	25.367	25.186	25.001	24.814	24.624
3.125	3.116	3.107	3.098	3.088	3.078	3.068	3.058	3.048	3.037
89.137	88.623	88.098	87.562	87.014	86.456	85.888	85.310	84.722	84.126
1.507	1.501	1.495	1.489	1.482	1.476	1.469	1.462	1.455	1.448
6.951	6.928	6.904	6.880	6.855	6.829	6.803	6.777	6.750	6.723
2.803	2.795	2.788	2.780	2.772	2.764	2.756	2.747	2.739	2.730
5.600	5.594	5.586	5.578	5.570	5.560	5.550	5.539	5.528	5.516
496	497	497	498	498	499	499	500	500	500
1.444	1.451	1.458	1.465	1.471	1.478	1.484	1.491	1.497	1.503
4.987	4.967	4.947	4.926	4.905	4.884	4.862	4.839	4.817	4.794
1.816	1.808	1.801	1.794	1.786	1.778	1.770	1.762	1.754	1.746
5.097	5.084	5.070	5.056	5.042	5.027	5.012	4.997	4.981	4.966
3.564	3.593	3.621	3.649	3.677	3.705	3.732	3.759	3.787	3.814
1.304	1.318	1.332	1.346	1.360	1.374	1.388	1.397	1.391	1.385
42.830	42.569	42.301	42.028	41.749	41.465	41.176	40.882	40.583	40.279
2.493	2.493	2.493	2.493	2.493	2.493	2.492	2.492	2.491	2.490
636	634	631	629	626	624	621	618	616	613
1.632	1.627	1.622	1.618	1.613	1.608	1.602	1.597	1.592	1.587

2.210	2.224	2.237	2.250	2.263	2.275	2.288	2.301	2.313	2.325
3.196	3.186	3.175	3.164	3.153	3.141	3.130	3.118	3.106	3.093
1.480	1.475	1.469	1.463	1.456	1.450	1.444	1.437	1.430	1.423
2.193	2.189	2.185	2.181	2.177	2.173	2.168	2.163	2.157	2.152
1.043	1.039	1.035	1.031	1.027	1.022	1.018	1.014	1.009	1.005
3.681	3.671	3.661	3.650	3.639	3.628	3.616	3.605	3.593	3.581
7.108	7.085	7.061	7.036	7.011	6.986	6.960	6.933	6.906	6.878
3.016	3.006	2.997	2.987	2.977	2.967	2.956	2.945	2.935	2.924
1.017	1.013	1.009	1.005	1.001	997	993	989	985	981
1.845	1.838	1.830	1.823	1.815	1.808	1.800	1.791	1.783	1.775
1.268	1.284	1.300	1.316	1.333	1.349	1.366	1.383	1.400	1.416
43.598	43.102	42.600	42.095	41.586	41.073	40.557	40.038	39.517	38.993
1.371	1.397	1.424	1.450	1.478	1.505	1.534	1.555	1.548	1.541
2.084	2.076	2.068	2.060	2.052	2.044	2.036	2.027	2.019	2.010
4.103	4.088	4.073	4.058	4.042	4.026	4.010	3.993	3.977	3.959
3.550	3.515	3.480	3.446	3.411	3.376	3.341	3.306	3.271	3.237
9.596	9.616	9.634	9.652	9.669	9.685	9.701	9.715	9.728	9.741
4.337	4.340	4.343	4.345	4.346	4.348	4.349	4.343	4.325	4.306
705	701	696	691	686	681	676	671	665	660
1.002	999	995	991	988	984	980	976	972	968
17.274	17.203	17.130	17.056	16.980	16.903	16.824	16.744	16.663	16.580
1.303	1.297	1.292	1.286	1.280	1.274	1.267	1.261	1.255	1.248
11.180	11.176	11.170	11.163	11.154	11.144	11.133	11.121	11.108	11.093
2.145	2.137	2.129	2.121	2.112	2.104	2.095	2.086	2.077	2.068
4.756	4.733	4.710	4.687	4.663	4.638	4.613	4.588	4.562	4.536
8.376	8.341	8.305	8.269	8.231	8.193	8.154	8.115	8.075	8.034
1.381	1.376	1.370	1.364	1.358	1.352	1.346	1.340	1.334	1.327
2.067	2.059	2.052	2.044	2.037	2.029	2.021	2.012	2.004	1.996
2.066	2.057	2.048	2.039	2.030	2.020	2.011	2.001	1.991	1.981
4.701	4.683	4.664	4.644	4.624	4.604	4.584	4.563	4.541	4.520
18.889	18.861	18.830	18.797	18.763	18.726	18.688	18.648	18.606	18.563
1.363	1.359	1.354	1.349	1.344	1.338	1.333	1.328	1.322	1.316
4.896	4.881	4.866	4.851	4.835	4.819	4.802	4.785	4.768	4.751
18.333	18.280	18.223	18.164	18.103	18.039	17.972	17.903	17.832	17.758
22.501	22.428	22.351	22.271	22.186	22.098	22.006	21.911	21.812	21.710
691	689	687	685	682	680	678	675	673	670
2.156	2.167	2.178	2.189	2.200	2.211	2.221	2.232	2.242	2.252
27.378	27.190	26.999	26.803	26.603	26.399	26.192	25.981	25.766	25.549
2.886	2.875	2.862	2.850	2.837	2.825	2.811	2.798	2.785	2.771
1.223	1.252	1.280	1.310	1.340	1.362	1.357	1.352	1.346	1.341
208.473	207.067	205.632	204.167	202.674	201.154	199.608	198.038	196.444	194.827
2.188	2.182	2.177	2.171	2.164	2.158	2.152	2.145	2.139	2.132
1.458	1.453	1.448	1.443	1.437	1.432	1.426	1.421	1.415	1.409
1.119	1.115	1.111	1.107	1.103	1.099	1.094	1.090	1.086	1.081
45.106	44.844	44.577	44.304	44.026	43.742	43.453	43.158	42.860	42.556
2.475	2.468	2.460	2.452	2.445	2.436	2.428	2.420	2.411	2.403
12.355	12.299	12.242	12.184	12.125	12.064	12.002	11.940	11.876	11.811
31.690	31.516	31.339	31.157	30.972	30.783	30.590	30.395	30.196	29.994
5.285	5.261	5.238	5.214	5.189	5.164	5.139	5.113	5.086	5.059
41.224	40.963	40.696	40.423	40.145	39.861	39.573	39.279	38.980	38.677
8.718	8.691	8.664	8.635	8.606	8.576	8.545	8.514	8.481	8.449
6.254	6.229	6.204	6.178	6.151	6.124	6.096	6.068	6.039	6.010
4.441	4.428	4.413	4.399	4.384	4.369	4.354	4.338	4.322	4.306
2.133	2.161	2.190	2.219	2.248	2.276	2.305	2.335	2.364	2.375
47.106	46.841	46.572	46.297	46.017	45.733	45.444	45.150	44.853	44.552
883	895	908	920	933	946	959	972	985	999
2.884	2.930	2.977	3.024	3.071	3.119	3.167	3.215	3.264	3.314
193.134	191.805	190.443	189.047	187.619	186.160	184.672	183.088	181.458	179.802
1.247	1.242	1.238	1.233	1.228	1.223	1.218	1.213	1.208	1.203
5.408	5.388	5.367	5.347	5.325	5.303	5.281	5.258	5.235	5.212
733	731	730	728	726	724	722	721	719	717
7.255	7.233	7.207	7.180	7.153	7.125	7.097	7.068	7.039	7.009

2.901	2.904	2.906	2.907	2.909	2.910	2.911	2.912	2.912	2.913
293.734	292.137	290.501	288.825	287.111	285.361	283.577	281.760	279.910	278.029
2.765	2.730	2.695	2.661	2.627	2.593	2.559	2.525	2.491	2.458
1.993	1.984	1.974	1.965	1.955	1.946	1.936	1.926	1.915	1.905
1.303	1.298	1.292	1.287	1.281	1.276	1.270	1.264	1.258	1.252
2.598	2.591	2.583	2.576	2.568	2.560	2.551	2.543	2.535	2.526
1.375	1.387	1.399	1.411	1.423	1.434	1.446	1.458	1.470	1.481
9.829	9.799	9.769	9.737	9.705	9.673	9.640	9.606	9.571	9.537
799	796	793	789	786	783	779	776	772	768
1.289	1.287	1.285	1.283	1.280	1.278	1.276	1.273	1.271	1.269
15.098	15.213	15.270	15.223	15.176	15.127	15.078	15.028	14.977	14.925
7.929	7.965	8.000	8.035	8.069	8.102	8.134	8.166	8.198	8.229
1.466	1.460	1.454	1.447	1.441	1.434	1.428	1.421	1.414	1.407
2.250	2.244	2.237	2.231	2.224	2.217	2.210	2.202	2.195	2.187
919	916	913	910	907	903	900	897	893	890
31.778	31.702	31.621	31.535	31.443	31.285	31.064	30.840	30.612	30.381
1.247.405	1.237.713	1.227.801	1.217.669	1.207.325	1.196.782	1.186.051	1.175.134	1.164.040	1.152.773
2.962	2.977	2.969	2.961	2.953	2.945	2.936	2.928	2.919	2.910
1.094	1.100	1.107	1.113	1.120	1.126	1.132	1.139	1.145	1.151
518	521	525	529	532	536	539	543	546	549
8.091	8.143	8.194	8.245	8.296	8.346	8.396	8.446	8.426	8.391
1.182	1.178	1.173	1.169	1.165	1.160	1.156	1.151	1.147	1.142
2.659	2.646	2.633	2.620	2.606	2.593	2.579	2.565	2.550	2.535
3.123	3.114	3.104	3.095	3.085	3.075	3.065	3.054	3.044	3.033
899	912	925	938	952	965	979	992	1.006	1.020
2.553	2.545	2.536	2.528	2.519	2.511	2.502	2.493	2.484	2.474
21.272	21.201	21.127	21.052	20.976	20.897	20.818	20.736	20.653	20.569
1.058	1.055	1.052	1.048	1.045	1.041	1.038	1.034	1.030	1.027
1.461	1.456	1.451	1.446	1.441	1.435	1.430	1.424	1.419	1.413
3.366	3.384	3.369	3.355	3.340	3.325	3.310	3.294	3.278	3.262
3.564	3.564	3.563	3.563	3.562	3.561	3.559	3.557	3.555	3.553
1.224	1.220	1.216	1.212	1.208	1.204	1.199	1.195	1.191	1.186
11.639	11.706	11.771	11.837	11.901	11.965	12.029	12.092	12.154	12.216
1.666	1.662	1.658	1.654	1.649	1.645	1.641	1.636	1.632	1.627
172.363	171.183	169.978	168.747	167.492	166.213	164.913	163.592	162.250	160.888
23.748	23.642	23.532	23.420	23.304	23.186	23.066	22.943	22.817	22.689
2.933	2.926	2.919	2.912	2.905	2.897	2.889	2.881	2.872	2.864
9.071	9.036	9.001	8.964	8.927	8.890	8.851	8.812	8.772	8.732
4.365	4.346	4.327	4.307	4.287	4.266	4.245	4.223	4.202	4.179
1.338	1.333	1.329	1.325	1.320	1.316	1.311	1.306	1.302	1.297
16.011	15.947	15.881	15.814	15.746	15.676	15.605	15.533	15.459	15.385
8.536	8.506	8.475	8.444	8.412	8.379	8.346	8.312	8.278	8.243
3.397	3.386	3.375	3.363	3.352	3.340	3.327	3.315	3.302	3.290
4.475	4.460	4.446	4.430	4.415	4.399	4.383	4.366	4.350	4.333
31.622	31.471	31.315	31.156	30.992	30.826	30.655	30.482	30.305	30.126
1.685	1.679	1.673	1.667	1.660	1.654	1.647	1.641	1.634	1.627
2.255	2.248	2.241	2.234	2.226	2.218	2.211	2.203	2.195	2.186
9.948	9.919	9.889	9.859	9.828	9.796	9.764	9.731	9.698	9.664
1.934	1.925	1.916	1.906	1.896	1.887	1.877	1.866	1.856	1.845
5.782	5.735	5.688	5.639	5.589	5.539	5.487	5.435	5.381	5.327
14.273	14.218	14.161	14.103	14.044	13.984	13.923	13.860	13.797	13.733
7.232	7.235	7.237	7.239	7.240	7.240	7.240	7.239	7.238	7.236
1.134	1.130	1.125	1.121	1.116	1.112	1.107	1.102	1.097	1.092
5.955	5.928	5.899	5.870	5.841	5.811	5.780	5.749	5.717	5.685
118.325	117.711	117.076	116.422	115.748	115.057	114.347	113.620	112.877	112.117
522	519	515	511	508	504	500	496	492	489
251.150	249.541	247.891	246.197	244.461	242.687	240.875	239.027	237.143	235.224
1.714	1.677	1.642	1.607	1.572	1.538	1.505	1.472	1.440	1.408
73.313	72.898	72.473	72.039	71.596	71.144	70.684	70.216	69.741	69.258
702	705	709	712	716	719	722	726	729	732
26.986	26.876	26.763	26.646	26.525	26.401	26.272	26.141	26.006	25.868
4.795	4.781	4.767	4.752	4.738	4.723	4.707	4.692	4.676	4.660

71.107	70.610	70.103	69.588	69.064	68.532	67.992	67.445	66.891	66.330
46.848	46.610	46.366	46.118	45.864	45.605	45.342	45.074	44.801	44.525
73.596	73.218	72.832	72.437	72.033	71.622	71.204	70.778	70.345	69.906
36.688	36.465	36.237	36.004	35.766	35.523	35.276	35.025	34.770	34.511
8.930	8.980	8.949	8.918	8.887	8.854	8.822	8.788	8.754	8.720
1.419	1.413	1.408	1.403	1.397	1.392	1.386	1.380	1.374	1.368
1.817	1.809	1.802	1.794	1.787	1.779	1.771	1.763	1.754	1.746
13.461	13.411	13.359	13.307	13.253	13.199	13.143	13.086	13.029	12.971
12.270	12.345	12.418	12.491	12.563	12.634	12.704	12.774	12.842	12.830
1.596	1.590	1.585	1.579	1.573	1.567	1.561	1.555	1.549	1.542
52.672	52.454	52.231	52.001	51.765	51.523	51.276	51.023	50.765	50.502
2.406	2.397	2.389	2.380	2.371	2.362	2.353	2.344	2.334	2.325
15.031	15.063	15.093	15.122	15.149	15.143	15.087	15.030	14.972	14.912
18.283	18.325	18.366	18.404	18.441	18.476	18.510	18.505	18.421	18.335
54.230	54.090	53.942	53.788	53.626	53.458	53.284	53.103	52.916	52.723
16.364	16.322	16.279	16.235	16.190	16.143	16.095	16.047	15.997	15.946
3.030	3.020	3.009	2.998	2.987	2.975	2.964	2.952	2.940	2.928
2.306	2.297	2.288	2.278	2.269	2.259	2.249	2.239	2.229	2.219
1.971	1.964	1.956	1.948	1.940	1.931	1.923	1.914	1.905	1.896
1.610	1.605	1.600	1.595	1.590	1.585	1.579	1.574	1.568	1.562
1.298	1.294	1.290	1.286	1.282	1.278	1.274	1.269	1.265	1.260
2.456	2.442	2.428	2.414	2.400	2.385	2.371	2.356	2.341	2.326
1.624	1.618	1.611	1.603	1.596	1.589	1.581	1.574	1.566	1.558
19.473	19.400	19.324	19.245	19.163	19.078	18.991	18.902	18.809	18.715
4.642	4.636	4.631	4.624	4.618	4.611	4.603	4.595	4.587	4.578
1.063	1.059	1.055	1.050	1.045	1.039	1.033	1.026	1.019	1.011
2.801	2.787	2.773	2.759	2.744	2.729	2.714	2.699	2.683	2.668
203.378	201.961	200.513	199.033	197.522	195.984	194.418	192.826	191.209	189.567
27.698	27.677	27.652	27.558	27.393	27.225	27.054	26.880	26.702	26.523
33.092	32.903	32.710	32.513	32.311	32.106	31.897	31.684	31.468	31.248
18.620	18.584	18.546	18.506	18.464	18.420	18.375	18.328	18.280	18.230
4.787	4.770	4.753	4.736	4.718	4.700	4.682	4.663	4.644	4.625
1.613	1.604	1.595	1.585	1.575	1.565	1.555	1.545	1.535	1.524
4.792	4.775	4.758	4.741	4.723	4.705	4.686	4.667	4.648	4.629
4.278	4.286	4.292	4.298	4.304	4.309	4.304	4.282	4.259	4.236
3.707	3.756	3.804	3.854	3.903	3.921	3.908	3.894	3.880	3.866
3.104	3.094	3.084	3.073	3.062	3.051	3.040	3.028	3.017	3.005
717	721	725	729	733	737	741	745	749	753
2.077	2.068	2.060	2.051	2.042	2.033	2.024	2.015	2.006	1.996
12.712	12.715	12.717	12.718	12.717	12.716	12.713	12.709	12.705	12.700
21.699	21.678	21.654	21.629	21.601	21.573	21.542	21.510	21.476	21.441
19.031	19.039	19.046	19.052	19.056	19.059	19.061	19.061	19.060	19.058
2.222	2.215	2.207	2.200	2.192	2.184	2.176	2.168	2.160	2.152
1.494	1.489	1.483	1.477	1.471	1.465	1.458	1.452	1.445	1.438
610	611	613	615	616	618	620	621	622	624
1.565	1.562	1.558	1.555	1.552	1.548	1.544	1.540	1.536	1.532
6.869	6.886	6.903	6.919	6.934	6.938	6.911	6.883	6.854	6.825
71.139	70.807	70.466	70.116	69.757	69.390	69.015	68.632	68.241	67.844
125.452	124.694	123.920	123.128	122.319	121.496	120.657	119.804	118.937	118.056
22.093	22.007	21.919	21.829	21.737	21.643	21.547	21.450	21.351	21.251
7.984	7.940	7.896	7.851	7.804	7.757	7.709	7.660	7.610	7.560
1.841	1.835	1.829	1.823	1.817	1.811	1.804	1.798	1.791	1.784
2.607	2.629	2.651	2.673	2.696	2.718	2.740	2.762	2.784	2.807
4.444	4.426	4.409	4.390	4.372	4.353	4.334	4.314	4.294	4.274
1.556	1.551	1.545	1.539	1.534	1.528	1.522	1.516	1.509	1.503
1.468	1.467	1.465	1.464	1.463	1.461	1.459	1.457	1.455	1.453
16.334	16.262	16.189	16.115	16.039	15.961	15.882	15.801	15.720	15.637
978	982	985	980	963	946	929	912	894	876
3.778	3.766	3.755	3.743	3.730	3.718	3.705	3.692	3.679	3.666
2.540	2.576	2.612	2.649	2.686	2.723	2.761	2.799	2.837	2.875
1.049	1.044	1.038	1.032	1.026	1.020	1.014	1.008	1.002	995
2.320	2.313	2.305	2.298	2.290	2.282	2.274	2.266	2.257	2.249

1.182	1.189	1.196	1.202	1.209	1.216	1.223	1.230	1.237	1.244
1.914	1.933	1.953	1.973	1.992	2.012	2.032	2.052	2.072	2.092
13.745	13.748	13.698	13.647	13.595	13.542	13.488	13.433	13.377	13.320
28.544	28.411	28.246	28.078	27.905	27.730	27.551	27.369	27.185	26.997
1.883	1.889	1.896	1.902	1.907	1.913	1.918	1.924	1.929	1.934
23.591	23.481	23.368	23.253	23.136	23.016	22.894	22.770	22.645	22.517
9.676	9.666	9.654	9.642	9.629	9.614	9.599	9.583	9.566	9.549
14.240	14.193	14.144	14.094	14.043	13.991	13.939	13.885	13.830	13.775
43.004	42.862	42.716	42.567	42.414	42.257	42.098	41.935	41.769	41.600
23.427	23.384	23.337	23.287	23.234	23.176	23.116	23.053	22.911	22.759
2.109	2.100	2.092	2.083	2.074	2.064	2.055	2.045	2.036	2.026
4.546	4.530	4.513	4.496	4.478	4.460	4.442	4.424	4.405	4.386
11.271	11.292	11.312	11.331	11.348	11.365	11.381	11.395	11.409	11.421
9.861	9.813	9.764	9.713	9.661	9.609	9.555	9.501	9.446	9.389
31.047	30.848	30.644	30.436	30.224	30.007	29.787	29.562	29.334	29.103
2.198	2.187	2.177	2.166	2.156	2.145	2.133	2.122	2.110	2.098
3.013	3.005	2.998	2.990	2.982	2.974	2.966	2.958	2.949	2.941
1.493	1.488	1.484	1.479	1.474	1.469	1.464	1.459	1.454	1.449
39.475	39.215	38.950	38.680	38.403	38.121	37.834	37.543	37.246	36.945
51.522	51.196	50.863	50.522	50.174	49.819	49.458	49.091	48.718	48.339
1.067	1.070	1.074	1.078	1.082	1.085	1.089	1.092	1.096	1.099
1.764	1.759	1.753	1.747	1.741	1.735	1.729	1.722	1.716	1.709
9.523	9.484	9.444	9.403	9.361	9.319	9.276	9.232	9.187	9.142
20.433	20.397	20.361	20.326	20.290	20.254	20.218	20.183	20.147	20.112
24.112	24.020	23.926	23.831	23.733	23.634	23.532	23.429	23.324	23.218
1.072	1.068	1.064	1.060	1.056	1.052	1.048	1.044	1.040	1.036
3.186	3.172	3.159	3.145	3.131	3.117	3.102	3.088	3.073	3.057
22.979	22.952	22.921	22.886	22.847	22.804	22.758	22.708	22.654	22.597
6.517	6.484	6.451	6.418	6.383	6.348	6.312	6.276	6.239	6.202
19.341	19.313	19.281	19.247	19.209	19.168	19.124	19.076	19.026	18.973
4.843	4.827	4.810	4.793	4.775	4.757	4.739	4.721	4.702	4.683
1.552	1.558	1.564	1.570	1.575	1.581	1.587	1.592	1.598	1.603
926	934	931	928	925	922	918	915	912	909
17.074	17.049	17.022	16.994	16.965	16.934	16.902	16.870	16.836	16.801
3.883	3.877	3.871	3.865	3.858	3.850	3.842	3.834	3.825	3.816
7.293	7.266	7.239	7.211	7.183	7.154	7.125	7.095	7.064	7.033
1.668	1.666	1.664	1.662	1.660	1.657	1.655	1.652	1.649	1.646
896	910	924	938	952	966	980	995	1.009	1.024
653	668	683	683	681	679	677	675	673	672
1.298	1.310	1.322	1.316	1.308	1.301	1.293	1.286	1.278	1.270
108.338	107.806	107.260	106.699	106.124	105.535	104.934	104.320	103.694	103.056
58.200	57.930	57.652	57.366	57.073	56.774	56.467	56.155	55.836	55.511
3.226	3.300	3.374	3.449	3.438	3.404	3.369	3.333	3.297	3.260
5.677	5.666	5.654	5.641	5.628	5.613	5.599	5.583	5.567	5.551
1.437	1.452	1.467	1.483	1.498	1.513	1.529	1.544	1.559	1.575
1.746	1.739	1.732	1.725	1.718	1.711	1.704	1.696	1.689	1.681
52.429	52.435	52.432	52.421	52.401	52.373	52.338	52.294	52.242	52.182
17.722	17.611	17.498	17.382	17.263	17.143	17.020	16.895	16.768	16.639
21.539	21.505	21.469	21.431	21.390	21.348	21.304	21.258	21.209	21.160
1.060	1.057	1.053	1.049	1.046	1.042	1.038	1.034	1.030	1.026
4.180	4.167	4.154	4.141	4.127	4.113	4.099	4.085	4.070	4.055
209.332	208.215	207.065	205.882	204.666	203.419	202.143	200.837	199.504	198.143
3.179	3.170	3.160	3.149	3.139	3.128	3.117	3.106	3.095	3.084
1.891	1.885	1.879	1.872	1.866	1.859	1.852	1.845	1.838	1.831
3.160	3.146	3.132	3.117	3.103	3.088	3.072	3.057	3.041	3.025
1.209	1.204	1.200	1.195	1.190	1.186	1.181	1.176	1.171	1.166
3.838	3.823	3.807	3.791	3.775	3.759	3.742	3.725	3.707	3.689
3.379	3.368	3.357	3.346	3.334	3.322	3.309	3.297	3.284	3.271
1.807	1.801	1.795	1.788	1.782	1.775	1.768	1.761	1.754	1.747
912	920	916	913	909	905	901	897	893	889
1.886	1.879	1.872	1.864	1.857	1.849	1.841	1.834	1.825	1.817
1.904	1.898	1.892	1.886	1.879	1.873	1.866	1.859	1.853	1.846

2.041	2.027	2.012	1.997	1.982	1.966	1.950	1.934	1.917	1.900
15.797	15.721	15.643	15.564	15.483	15.401	15.317	15.231	15.145	15.056
9.585.202	9.536.116	9.485.152	9.432.617	9.378.418	9.322.750	9.265.606	9.207.127	9.147.226	9.086.122

ano 2062	ano 2063	ano 2064	ano 2065	ano 2066	ano 2067	ano 2068	ano 2069	ano 2070
2.334	2.324	2.314	2.303	2.293	2.282	2.271	2.260	2.249
2.531	2.518	2.506	2.493	2.479	2.466	2.453	2.439	2.426
10.503	10.459	10.415	10.370	10.324	10.278	10.231	10.184	10.136
5.660	5.636	5.612	5.588	5.564	5.539	5.514	5.489	5.463
4.038	4.023	4.008	3.993	3.977	3.961	3.945	3.929	3.913
61.578	61.258	60.933	60.602	60.265	59.924	59.577	59.226	58.870
2.414	2.406	2.397	2.388	2.379	2.370	2.361	2.352	2.342
1.286	1.281	1.275	1.269	1.264	1.258	1.252	1.246	1.240
4.015	4.000	3.984	3.969	3.952	3.936	3.920	3.903	3.886
1.173	1.167	1.162	1.157	1.151	1.146	1.140	1.134	1.128
1.700	1.691	1.682	1.673	1.664	1.655	1.646	1.636	1.627
164.399	163.010	161.602	160.174	158.729	157.266	155.786	154.290	152.778
3.016	3.006	2.995	2.985	2.974	2.963	2.952	2.941	2.930
6.363	6.332	6.300	6.267	6.234	6.201	6.167	6.133	6.099
743	739	736	733	730	726	723	720	716
3.880	3.862	3.844	3.826	3.808	3.789	3.771	3.752	3.733
10.627	10.563	10.498	10.432	10.366	10.298	10.230	10.161	10.092
3.401	3.382	3.364	3.345	3.326	3.307	3.288	3.268	3.248
5.375	5.319	5.263	5.206	5.149	5.092	5.035	4.978	4.921
4.220	4.200	4.181	4.161	4.141	4.121	4.100	4.079	4.058
19.568	19.543	19.515	19.486	19.454	19.421	19.386	19.349	19.287
1.454	1.448	1.441	1.435	1.428	1.422	1.415	1.408	1.401
9.665	9.603	9.540	9.475	9.410	9.344	9.277	9.210	9.141
7.864	7.845	7.811	7.776	7.740	7.704	7.668	7.632	7.595
11.856	11.785	11.714	11.642	11.570	11.497	11.423	11.349	11.275
16.375	16.359	16.314	16.245	16.175	16.104	16.033	15.960	15.887
8.614	8.573	8.531	8.489	8.446	8.403	8.359	8.315	8.271
4.643	4.622	4.599	4.577	4.554	4.531	4.508	4.484	4.460
2.226	2.217	2.208	2.198	2.189	2.179	2.170	2.160	2.150
104.588	103.779	102.958	102.127	101.285	100.432	99.570	98.699	97.818
13.553	13.468	13.382	13.295	13.206	13.117	13.026	12.935	12.842
5.730	5.725	5.720	5.714	5.709	5.704	5.698	5.693	5.687
5.917	5.886	5.855	5.823	5.790	5.758	5.724	5.691	5.657
1.752	1.782	1.811	1.841	1.872	1.903	1.934	1.966	1.998
2.636	2.623	2.610	2.597	2.584	2.571	2.557	2.543	2.530
3.041	3.028	3.015	3.002	2.988	2.974	2.961	2.946	2.932
8.986	8.952	8.917	8.882	8.846	8.810	8.773	8.736	8.698
961	958	954	951	947	943	940	936	932
2.075	2.065	2.054	2.043	2.033	2.022	2.010	1.999	1.988
4.078	4.062	4.045	4.028	4.011	3.994	3.977	3.959	3.941
6.163	6.142	6.121	6.099	6.078	6.056	6.033	6.011	5.988
1.172	1.168	1.163	1.158	1.153	1.148	1.143	1.138	1.133
107.570	106.626	105.668	104.698	103.715	102.720	101.714	100.697	99.670
1.631	1.624	1.617	1.610	1.604	1.597	1.589	1.582	1.575
5.787	5.758	5.728	5.698	5.668	5.637	5.606	5.575	5.543
1.252	1.247	1.242	1.237	1.231	1.226	1.221	1.215	1.209
1.486	1.480	1.473	1.467	1.460	1.454	1.447	1.440	1.433
919	933	947	962	977	992	1.007	1.023	1.038
9.387	9.345	9.303	9.259	9.216	9.171	9.126	9.081	9.035
11.387	11.281	11.174	11.065	10.955	10.843	10.731	10.617	10.502
1.378	1.372	1.367	1.361	1.355	1.350	1.344	1.338	1.332
9.869	9.838	9.806	9.774	9.741	9.706	9.671	9.636	9.599
2.699	2.732	2.765	2.798	2.832	2.867	2.901	2.936	2.972
3.892	3.878	3.864	3.849	3.835	3.820	3.805	3.790	3.775
1.202	1.196	1.191	1.185	1.180	1.174	1.168	1.162	1.157
2.765	2.755	2.744	2.733	2.722	2.711	2.699	2.688	2.676
3.210	3.194	3.177	3.161	3.144	3.127	3.109	3.092	3.075
17.908	17.837	17.764	17.691	17.617	17.542	17.466	17.389	17.312
26.252	26.070	25.885	25.697	25.507	25.315	25.120	24.924	24.725
7.712	7.668	7.625	7.580	7.536	7.492	7.447	7.403	7.358
65.544	65.211	64.872	64.526	64.175	63.818	63.455	63.086	62.712

119.259	118.228	117.184	116.125	115.053	113.967	112.869	111.760	110.639
2.150	2.156	2.163	2.169	2.175	2.181	2.187	2.193	2.198
3.952	3.934	3.917	3.900	3.882	3.864	3.846	3.827	3.809
3.156	3.143	3.128	3.114	3.100	3.085	3.070	3.055	3.040
49.226	49.002	48.772	48.536	48.296	48.050	47.800	47.544	47.285
2.455	2.442	2.428	2.414	2.399	2.385	2.370	2.355	2.340
5.328	5.304	5.279	5.254	5.229	5.204	5.178	5.152	5.126
1.952	1.964	1.976	1.988	2.000	2.011	2.023	2.035	2.024
3.837	3.820	3.802	3.785	3.767	3.749	3.731	3.713	3.694
4.927	4.905	4.883	4.861	4.838	4.816	4.793	4.769	4.746
54.856	54.503	54.145	53.782	53.415	53.043	52.666	52.285	51.900
4.662	4.643	4.623	4.604	4.584	4.564	4.544	4.523	4.503
2.575	2.577	2.579	2.580	2.582	2.583	2.584	2.585	2.585
18.166	18.040	17.913	17.784	17.654	17.522	17.388	17.253	17.117
3.520	3.504	3.488	3.472	3.456	3.440	3.423	3.406	3.389
8.784	8.732	8.679	8.626	8.572	8.518	8.462	8.407	8.350
43.329	42.989	42.643	42.293	41.939	41.581	41.218	40.851	40.481
26.775	26.846	26.914	26.979	27.041	27.099	27.155	27.208	27.258
307.570	305.140	302.676	300.179	297.651	295.092	292.503	289.886	287.242
629	633	637	642	646	650	654	659	663
218	214	210	206	203	199	195	191	188
54.229	53.732	53.228	52.718	52.202	51.680	51.152	50.619	50.081
1.736	1.728	1.719	1.711	1.702	1.694	1.685	1.676	1.667
23.448	23.263	23.077	22.887	22.696	22.502	22.305	22.107	21.907
8.662	8.658	8.654	8.649	8.643	8.636	8.628	8.620	8.611
1.867	1.857	1.846	1.835	1.824	1.813	1.802	1.790	1.779
3.694	3.677	3.658	3.640	3.621	3.602	3.583	3.564	3.544
4.026	4.002	3.978	3.954	3.929	3.904	3.879	3.854	3.828
55.624	55.250	54.870	54.485	54.095	53.701	53.302	52.898	52.491
24.697	24.573	24.446	24.314	24.179	24.039	23.895	23.748	23.597
782	780	778	775	773	770	768	765	763
7.839	7.798	7.756	7.714	7.671	7.628	7.584	7.540	7.495
1.949	1.940	1.931	1.921	1.912	1.902	1.892	1.882	1.872
7.303	7.273	7.242	7.210	7.179	7.146	7.114	7.081	7.048
409.702	406.451	403.155	399.814	396.431	393.006	389.542	386.041	382.504
1.768	1.760	1.751	1.743	1.734	1.725	1.716	1.708	1.699
3.874	3.872	3.869	3.866	3.863	3.860	3.856	3.852	3.848
1.484	1.489	1.494	1.499	1.504	1.509	1.514	1.519	1.523
1.547	1.540	1.533	1.526	1.518	1.511	1.503	1.495	1.488
5.173	5.153	5.132	5.112	5.091	5.069	5.048	5.026	5.004
12.408	12.403	12.396	12.389	12.380	12.362	12.296	12.229	12.161
7.955	7.917	7.878	7.839	7.799	7.759	7.718	7.677	7.635
30.616	30.401	30.184	29.963	29.739	29.513	29.284	29.052	28.818
1.292	1.312	1.333	1.354	1.375	1.397	1.419	1.441	1.463
3.282	3.268	3.253	3.238	3.223	3.208	3.192	3.176	3.161
5.780	5.751	5.721	5.691	5.661	5.630	5.599	5.568	5.536
838	855	873	891	908	927	945	964	983
15.497	15.402	15.305	15.207	15.108	15.008	14.906	14.803	14.700
3.522	3.509	3.497	3.484	3.470	3.457	3.444	3.430	3.416
1.164	1.162	1.161	1.159	1.157	1.155	1.153	1.151	1.149
2.137	2.128	2.119	2.110	2.101	2.092	2.083	2.073	2.064
5.362	5.338	5.313	5.288	5.262	5.237	5.210	5.184	5.158
8.625	8.581	8.537	8.492	8.446	8.400	8.353	8.306	8.259
312	313	314	315	315	316	317	318	318
1.453	1.448	1.442	1.436	1.430	1.424	1.418	1.412	1.406
1.810	1.800	1.790	1.780	1.769	1.759	1.748	1.737	1.727
5.269	5.253	5.237	5.221	5.204	5.188	5.171	5.154	5.137
336	339	343	347	350	354	358	361	365
2.504	2.492	2.480	2.469	2.457	2.445	2.433	2.420	2.408
2.243	2.233	2.223	2.214	2.204	2.194	2.183	2.173	2.163
8.452	8.417	8.382	8.347	8.311	8.275	8.238	8.201	8.164
6.056	6.065	6.042	6.012	5.983	5.953	5.922	5.892	5.861

1.757	1.749	1.741	1.734	1.726	1.717	1.709	1.701	1.692
53.613	53.291	52.966	52.636	52.301	51.963	51.621	51.275	50.925
941	938	936	933	931	928	925	923	920
7.376	7.259	7.136	6.953	6.767	6.579	6.389	6.196	6.002
2.831	2.820	2.808	2.796	2.783	2.771	2.759	2.746	2.733
1.817	1.811	1.804	1.797	1.790	1.783	1.776	1.769	1.762
1.429	1.425	1.420	1.416	1.411	1.406	1.401	1.396	1.391
1.213	1.214	1.215	1.215	1.216	1.216	1.217	1.217	1.217
26.409	26.190	25.968	25.744	25.517	25.287	25.055	24.821	24.584
1.362	1.355	1.349	1.343	1.336	1.330	1.323	1.317	1.310
2.024	2.015	2.006	1.997	1.988	1.979	1.970	1.961	1.951
6.188	6.258	6.330	6.401	6.473	6.545	6.617	6.690	6.763
31.690	31.510	31.326	31.140	30.949	30.756	30.559	30.360	30.157
1.664	1.656	1.648	1.640	1.632	1.623	1.615	1.606	1.598
2.324	2.326	2.327	2.328	2.330	2.331	2.332	2.332	2.333
2.959	2.949	2.938	2.928	2.917	2.906	2.895	2.884	2.873
1.234	1.229	1.224	1.218	1.213	1.207	1.202	1.196	1.190
34.859	34.574	34.285	33.992	33.695	33.395	33.092	32.785	32.475
20.006	19.931	19.855	19.777	19.697	19.615	19.532	19.448	19.362
20.039	19.954	19.868	19.781	19.693	19.604	19.514	19.422	19.330
858	855	852	849	845	842	839	836	833
2.277	2.269	2.260	2.251	2.242	2.234	2.225	2.215	2.206
7.617	7.580	7.541	7.502	7.463	7.423	7.383	7.342	7.301
1.832	1.823	1.814	1.804	1.795	1.785	1.776	1.766	1.756
92.928	92.153	91.368	90.572	89.766	88.951	88.125	87.291	86.449
1.975	1.966	1.957	1.948	1.938	1.929	1.919	1.910	1.900
4.137	4.119	4.100	4.081	4.062	4.043	4.024	4.004	3.985
4.480	4.463	4.447	4.430	4.413	4.395	4.378	4.360	4.342
2.666	2.654	2.641	2.628	2.614	2.601	2.588	2.574	2.560
1.798	1.790	1.781	1.773	1.764	1.755	1.746	1.737	1.728
12.731	12.675	12.618	12.560	12.502	12.443	12.383	12.323	12.262
4.769	4.755	4.741	4.726	4.711	4.696	4.680	4.664	4.648
40.993	40.681	40.365	40.045	39.721	39.394	39.063	38.729	38.392
69.250	68.832	68.409	67.980	67.546	67.106	66.661	66.211	65.757
26.004	25.845	25.683	25.518	25.350	25.178	25.004	24.827	24.647
2.031	2.024	2.017	2.009	2.002	1.994	1.987	1.979	1.971
2.212	2.202	2.193	2.183	2.173	2.163	2.153	2.142	2.132
1.669	1.661	1.653	1.645	1.637	1.629	1.621	1.613	1.604
61.151	60.622	60.085	59.541	58.990	58.433	57.869	57.298	56.722
5.595	5.569	5.542	5.515	5.487	5.459	5.431	5.402	5.374
1.641	1.634	1.626	1.619	1.611	1.603	1.595	1.587	1.579
2.749	2.734	2.718	2.702	2.686	2.670	2.653	2.637	2.620
11.736	11.696	11.656	11.615	11.574	11.533	11.491	11.448	11.405
24.525	24.326	24.124	23.920	23.713	23.504	23.292	23.078	22.862
948	945	942	939	935	932	928	925	922
6.282	6.257	6.232	6.207	6.182	6.156	6.130	6.104	6.077
3.649	3.666	3.683	3.700	3.717	3.733	3.750	3.766	3.782
1.339	1.333	1.327	1.321	1.315	1.309	1.302	1.296	1.290
3.750	3.733	3.716	3.699	3.681	3.663	3.645	3.627	3.609
28.453	28.353	28.249	28.141	28.029	27.913	27.727	27.494	27.259
30.335	30.093	29.847	29.598	29.346	29.090	28.832	28.571	28.307
957	956	955	954	953	952	950	949	948
4.750	4.729	4.707	4.685	4.663	4.641	4.619	4.596	4.573
4.139	4.121	4.103	4.085	4.067	4.048	4.029	4.010	3.991
1.123	1.117	1.111	1.105	1.099	1.093	1.086	1.080	1.074
15.429	15.358	15.286	15.213	15.139	15.064	14.989	14.912	14.835
15.107	15.052	14.996	14.939	14.882	14.824	14.766	14.707	14.647
4.927	4.900	4.874	4.847	4.819	4.792	4.763	4.735	4.707
33.561	33.354	33.142	32.925	32.702	32.475	32.243	32.005	31.764
1.138	1.133	1.129	1.125	1.120	1.116	1.111	1.106	1.102
951	964	978	991	1.004	1.018	1.031	1.045	1.059
230.620	228.532	226.415	224.269	222.096	219.897	217.672	215.423	213.151

933	929	926	922	918	915	911	907	903
80.613	80.009	79.396	78.776	78.147	77.511	76.867	76.217	75.560
21.856	21.718	21.578	21.434	21.288	21.138	20.987	20.832	20.675
6.247	6.230	6.204	6.178	6.151	6.125	6.098	6.070	6.043
4.397	4.371	4.343	4.316	4.288	4.260	4.231	4.202	4.173
5.220	5.199	5.177	5.155	5.133	5.111	5.088	5.065	5.042
1.127	1.142	1.157	1.171	1.186	1.201	1.216	1.231	1.246
17.435	17.424	17.358	17.275	17.191	17.106	17.020	16.933	16.845
2.167	2.152	2.137	2.122	2.106	2.091	2.076	2.060	2.045
3.931	3.914	3.896	3.879	3.861	3.843	3.825	3.806	3.788
2.116	2.108	2.101	2.093	2.085	2.077	2.070	2.061	2.053
3.798	3.782	3.765	3.747	3.730	3.712	3.695	3.677	3.658
4.616	4.608	4.600	4.592	4.584	4.576	4.568	4.560	4.551
3.138	3.126	3.113	3.099	3.086	3.072	3.059	3.045	3.031
19.902	19.800	19.696	19.592	19.486	19.378	19.270	19.160	19.049
23.796	23.415	23.030	22.640	22.246	21.849	21.447	21.042	20.634
74.452	73.830	73.198	72.558	71.910	71.254	70.591	69.920	69.243
2.702	2.690	2.677	2.664	2.651	2.638	2.624	2.611	2.597
23.094	22.868	22.639	22.406	22.171	21.933	21.692	21.448	21.202
1.996	1.986	1.976	1.966	1.956	1.946	1.935	1.925	1.914
5.387	5.363	5.339	5.314	5.289	5.263	5.238	5.212	5.186
1.696	1.700	1.694	1.687	1.680	1.673	1.667	1.660	1.653
3.324	3.300	3.275	3.250	3.224	3.199	3.173	3.146	3.120
1.133	1.129	1.125	1.120	1.116	1.111	1.107	1.102	1.097
3.714	3.691	3.668	3.645	3.621	3.598	3.574	3.550	3.527
4.960	4.956	4.952	4.948	4.942	4.937	4.931	4.921	4.892
1.986	1.979	1.972	1.965	1.958	1.951	1.944	1.937	1.929
1.102	1.098	1.094	1.090	1.087	1.083	1.079	1.075	1.071
29.662	29.486	29.307	29.125	28.940	28.752	28.561	28.368	28.172
1.468	1.461	1.453	1.446	1.439	1.432	1.424	1.417	1.409
2.149	2.143	2.137	2.131	2.125	2.119	2.113	2.106	2.100
1.087	1.082	1.078	1.074	1.069	1.065	1.060	1.055	1.051
20.202	20.113	20.024	19.932	19.839	19.745	19.649	19.551	19.452
2.478	2.468	2.457	2.447	2.436	2.426	2.415	2.404	2.393
1.163	1.160	1.156	1.152	1.148	1.144	1.141	1.137	1.133
2.813	2.802	2.790	2.778	2.766	2.754	2.741	2.729	2.716
23.334	23.203	23.069	22.932	22.793	22.652	22.508	22.362	22.214
7.550	7.562	7.574	7.585	7.596	7.606	7.616	7.625	7.633
2.750	2.753	2.755	2.758	2.760	2.762	2.763	2.765	2.766
1.878	1.870	1.862	1.854	1.845	1.837	1.829	1.820	1.811
3.247	3.272	3.296	3.320	3.344	3.368	3.392	3.416	3.440
15.950	15.924	15.898	15.870	15.841	15.812	15.781	15.749	15.717
1.278	1.273	1.269	1.264	1.260	1.255	1.250	1.246	1.241
1.440	1.432	1.425	1.417	1.409	1.401	1.393	1.385	1.377
24.431	24.235	24.037	23.836	23.632	23.426	23.218	23.007	22.794
3.027	3.016	3.005	2.994	2.983	2.971	2.960	2.948	2.936
83.521	82.907	82.285	81.654	81.015	80.369	79.715	79.054	78.386
1.441	1.434	1.427	1.419	1.412	1.404	1.396	1.389	1.381
6.695	6.667	6.639	6.610	6.581	6.552	6.522	6.492	6.461
2.721	2.712	2.703	2.694	2.684	2.675	2.666	2.656	2.646
5.503	5.490	5.476	5.462	5.447	5.431	5.415	5.398	5.381
500	501	501	501	501	501	501	501	500
1.510	1.516	1.522	1.528	1.534	1.540	1.546	1.552	1.558
4.770	4.747	4.723	4.698	4.674	4.649	4.623	4.598	4.572
1.737	1.729	1.720	1.711	1.702	1.693	1.684	1.675	1.665
4.949	4.933	4.916	4.900	4.882	4.865	4.847	4.829	4.811
3.840	3.867	3.893	3.920	3.946	3.971	3.978	3.955	3.933
1.379	1.373	1.366	1.360	1.353	1.347	1.340	1.333	1.327
39.971	39.658	39.341	39.020	38.695	38.366	38.033	37.696	37.356
2.489	2.488	2.486	2.485	2.483	2.481	2.479	2.477	2.475
610	607	604	601	598	595	592	589	586
1.581	1.576	1.570	1.564	1.559	1.553	1.547	1.541	1.535

2.337	2.349	2.361	2.373	2.385	2.396	2.407	2.419	2.430
3.081	3.068	3.056	3.043	3.030	3.016	3.003	2.989	2.976
1.417	1.410	1.402	1.395	1.388	1.381	1.373	1.366	1.358
2.146	2.140	2.134	2.127	2.120	2.113	2.106	2.098	2.091
1.000	996	991	986	981	976	971	966	961
3.569	3.556	3.544	3.531	3.518	3.505	3.492	3.479	3.466
6.850	6.822	6.792	6.763	6.733	6.703	6.672	6.641	6.609
2.913	2.901	2.890	2.878	2.866	2.855	2.843	2.830	2.818
976	972	967	963	958	953	949	944	939
1.766	1.758	1.749	1.740	1.731	1.722	1.713	1.704	1.695
1.429	1.423	1.416	1.410	1.403	1.396	1.390	1.383	1.376
38.467	37.939	37.410	36.878	36.346	35.811	35.276	34.740	34.204
1.534	1.527	1.520	1.512	1.505	1.497	1.489	1.482	1.474
2.001	1.992	1.983	1.974	1.964	1.955	1.945	1.936	1.926
3.942	3.925	3.907	3.889	3.870	3.852	3.833	3.814	3.795
3.202	3.168	3.133	3.099	3.065	3.030	2.996	2.962	2.929
9.753	9.764	9.774	9.783	9.792	9.800	9.807	9.762	9.711
4.288	4.269	4.249	4.230	4.210	4.190	4.170	4.149	4.129
655	650	645	640	635	629	624	619	614
964	960	955	951	947	942	938	934	929
16.496	16.411	16.325	16.238	16.149	16.060	15.969	15.878	15.785
1.242	1.235	1.228	1.221	1.214	1.207	1.200	1.193	1.185
11.078	11.061	11.043	11.024	11.003	10.982	10.941	10.874	10.807
2.058	2.049	2.039	2.030	2.020	2.010	2.000	1.990	1.979
4.509	4.482	4.455	4.427	4.399	4.371	4.342	4.313	4.284
7.993	7.951	7.908	7.865	7.822	7.777	7.733	7.688	7.642
1.321	1.314	1.308	1.301	1.294	1.287	1.280	1.273	1.266
1.987	1.978	1.969	1.960	1.951	1.942	1.933	1.923	1.914
1.971	1.960	1.949	1.939	1.928	1.917	1.906	1.895	1.883
4.498	4.475	4.453	4.430	4.407	4.383	4.360	4.336	4.311
18.518	18.471	18.383	18.288	18.192	18.095	17.997	17.898	17.798
1.311	1.305	1.299	1.293	1.287	1.281	1.275	1.269	1.263
4.733	4.715	4.697	4.679	4.660	4.642	4.623	4.603	4.584
17.682	17.604	17.524	17.441	17.356	17.269	17.180	17.089	16.996
21.605	21.496	21.385	21.269	21.151	21.029	20.905	20.777	20.646
668	665	663	660	658	655	652	649	647
2.245	2.234	2.222	2.211	2.200	2.188	2.176	2.164	2.152
25.328	25.104	24.876	24.646	24.413	24.177	23.938	23.697	23.453
2.757	2.743	2.728	2.714	2.699	2.684	2.669	2.654	2.638
1.336	1.330	1.324	1.319	1.313	1.307	1.301	1.295	1.289
193.188	191.528	189.847	188.144	186.422	184.681	182.920	181.143	179.349
2.125	2.119	2.112	2.105	2.097	2.090	2.083	2.075	2.068
1.403	1.397	1.391	1.385	1.379	1.372	1.366	1.359	1.353
1.077	1.072	1.068	1.063	1.058	1.053	1.048	1.043	1.038
42.248	41.936	41.619	41.298	40.973	40.644	40.312	39.975	39.636
2.394	2.385	2.376	2.367	2.358	2.349	2.339	2.330	2.320
11.746	11.679	11.611	11.543	11.474	11.404	11.333	11.261	11.189
29.789	29.581	29.371	29.157	28.941	28.723	28.501	28.277	28.052
5.032	5.004	4.977	4.948	4.919	4.890	4.861	4.831	4.801
38.370	38.058	37.742	37.421	37.097	36.768	36.436	36.100	35.761
8.415	8.381	8.346	8.311	8.275	8.238	8.201	8.164	8.125
5.980	5.950	5.920	5.889	5.858	5.826	5.795	5.762	5.730
4.290	4.273	4.256	4.239	4.222	4.205	4.187	4.169	4.151
2.361	2.347	2.333	2.318	2.304	2.289	2.274	2.259	2.244
44.246	43.937	43.625	43.309	42.989	42.666	42.340	42.010	41.678
1.012	1.026	1.040	1.054	1.068	1.082	1.097	1.111	1.126
3.354	3.338	3.322	3.306	3.290	3.273	3.256	3.239	3.222
178.122	176.419	174.692	172.941	171.169	169.375	167.560	165.725	163.872
1.197	1.192	1.187	1.181	1.175	1.170	1.164	1.158	1.152
5.188	5.164	5.140	5.115	5.090	5.065	5.039	5.014	4.987
715	713	710	708	706	704	701	699	697
6.979	6.948	6.917	6.885	6.854	6.821	6.789	6.756	6.722

2.913	2.912	2.912	2.911	2.910	2.909	2.908	2.906	2.905
276.119	274.178	272.209	270.210	268.184	266.130	264.051	261.946	259.819
2.425	2.392	2.359	2.327	2.295	2.263	2.231	2.200	2.168
1.894	1.884	1.873	1.862	1.851	1.839	1.828	1.816	1.805
1.246	1.239	1.233	1.227	1.220	1.214	1.207	1.200	1.193
2.517	2.508	2.499	2.490	2.481	2.472	2.462	2.453	2.443
1.493	1.505	1.516	1.528	1.539	1.550	1.562	1.573	1.584
9.501	9.465	9.429	9.392	9.355	9.317	9.279	9.240	9.201
765	761	757	753	749	745	741	737	733
1.266	1.264	1.262	1.260	1.257	1.255	1.253	1.251	1.248
14.872	14.819	14.765	14.710	14.655	14.599	14.542	14.484	14.426
8.259	8.289	8.318	8.346	8.374	8.401	8.428	8.413	8.369
1.399	1.392	1.385	1.377	1.370	1.362	1.354	1.346	1.338
2.180	2.172	2.164	2.156	2.148	2.140	2.132	2.124	2.115
886	883	879	876	872	868	864	861	857
30.147	29.909	29.667	29.423	29.175	28.925	28.671	28.415	28.156
1.141.344	1.129.753	1.118.000	1.106.089	1.094.027	1.081.818	1.069.468	1.056.984	1.044.375
2.901	2.892	2.883	2.873	2.864	2.854	2.844	2.834	2.824
1.157	1.163	1.169	1.175	1.182	1.187	1.193	1.199	1.205
553	556	560	563	567	570	573	577	580
8.356	8.320	8.284	8.247	8.210	8.173	8.135	8.096	8.058
1.137	1.132	1.127	1.122	1.117	1.112	1.107	1.102	1.096
2.521	2.506	2.490	2.475	2.459	2.443	2.427	2.411	2.395
3.022	3.011	3.000	2.989	2.977	2.965	2.954	2.942	2.930
1.034	1.048	1.062	1.076	1.090	1.098	1.093	1.087	1.081
2.465	2.455	2.446	2.436	2.426	2.416	2.405	2.395	2.385
20.483	20.396	20.308	20.218	20.127	20.034	19.941	19.846	19.750
1.023	1.019	1.015	1.011	1.007	1.003	999	995	990
1.407	1.401	1.395	1.389	1.383	1.377	1.371	1.364	1.358
3.246	3.230	3.213	3.196	3.179	3.161	3.143	3.126	3.108
3.550	3.547	3.544	3.540	3.536	3.532	3.528	3.523	3.518
1.182	1.177	1.173	1.168	1.163	1.158	1.153	1.148	1.143
12.277	12.338	12.398	12.457	12.409	12.356	12.302	12.248	12.193
1.622	1.617	1.613	1.608	1.603	1.598	1.593	1.587	1.582
159.508	158.109	156.691	155.255	153.803	152.333	150.847	149.347	147.832
22.558	22.426	22.291	22.153	22.014	21.872	21.729	21.583	21.436
2.855	2.845	2.836	2.826	2.816	2.806	2.796	2.785	2.775
8.691	8.649	8.607	8.564	8.521	8.478	8.433	8.388	8.343
4.157	4.134	4.111	4.087	4.064	4.039	4.015	3.990	3.965
1.292	1.287	1.282	1.276	1.271	1.266	1.261	1.255	1.250
15.309	15.233	15.155	15.076	14.997	14.916	14.834	14.752	14.669
8.208	8.172	8.136	8.099	8.062	8.024	7.986	7.947	7.908
3.277	3.264	3.250	3.237	3.223	3.209	3.195	3.181	3.167
4.315	4.298	4.280	4.262	4.244	4.226	4.207	4.189	4.170
29.943	29.757	29.569	29.378	29.183	28.987	28.787	28.585	28.381
1.620	1.613	1.606	1.599	1.592	1.584	1.577	1.569	1.562
2.178	2.170	2.161	2.152	2.143	2.135	2.126	2.116	2.107
9.630	9.595	9.560	9.525	9.488	9.452	9.415	9.377	9.340
1.835	1.824	1.813	1.802	1.790	1.779	1.767	1.756	1.744
5.272	5.217	5.160	5.103	5.045	4.986	4.927	4.867	4.806
13.667	13.601	13.534	13.466	13.397	13.328	13.257	13.186	13.114
7.234	7.231	7.227	7.223	7.219	7.214	7.208	7.202	7.196
1.087	1.082	1.077	1.071	1.066	1.060	1.055	1.049	1.044
5.652	5.619	5.586	5.552	5.517	5.483	5.447	5.412	5.376
111.341	110.549	109.742	108.919	108.082	107.229	106.363	105.482	104.588
485	481	477	473	469	465	461	457	453
233.273	231.289	229.272	227.223	225.143	223.032	220.893	218.726	216.532
1.377	1.346	1.316	1.287	1.258	1.230	1.202	1.174	1.148
68.768	68.272	67.768	67.258	66.741	66.218	65.688	65.153	64.613
736	739	742	745	748	751	754	757	760
25.727	25.583	25.435	25.285	25.131	24.975	24.815	24.653	24.488
4.643	4.627	4.610	4.593	4.575	4.558	4.540	4.522	4.504

65.762	65.189	64.609	64.023	63.432	62.834	62.232	61.625	61.013
44.244	43.960	43.671	43.379	43.083	42.783	42.480	42.174	41.864
69.460	69.008	68.550	68.086	67.615	67.139	66.658	66.171	65.679
34.248	33.981	33.710	33.436	33.159	32.878	32.594	32.306	32.016
8.685	8.649	8.613	8.577	8.540	8.503	8.465	8.427	8.388
1.362	1.356	1.350	1.344	1.337	1.331	1.324	1.318	1.311
1.738	1.729	1.720	1.711	1.702	1.693	1.684	1.675	1.665
12.911	12.851	12.790	12.729	12.666	12.603	12.539	12.474	12.409
12.769	12.707	12.645	12.581	12.517	12.452	12.386	12.320	12.252
1.536	1.529	1.523	1.516	1.509	1.502	1.495	1.488	1.481
50.234	49.962	49.684	49.402	49.115	48.824	48.528	48.229	47.925
2.315	2.305	2.295	2.285	2.274	2.264	2.253	2.243	2.232
14.852	14.792	14.730	14.667	14.604	14.540	14.475	14.410	14.343
18.248	18.160	18.070	17.980	17.888	17.795	17.701	17.606	17.510
52.524	52.320	52.110	51.894	51.672	51.351	51.000	50.645	50.286
15.894	15.841	15.787	15.732	15.676	15.619	15.562	15.503	15.444
2.915	2.903	2.890	2.877	2.864	2.851	2.837	2.824	2.810
2.208	2.198	2.187	2.176	2.165	2.153	2.142	2.131	2.119
1.887	1.878	1.869	1.860	1.850	1.840	1.831	1.821	1.811
1.557	1.551	1.545	1.539	1.533	1.527	1.520	1.514	1.508
1.256	1.251	1.247	1.242	1.237	1.232	1.228	1.223	1.218
2.311	2.295	2.280	2.264	2.249	2.233	2.217	2.201	2.185
1.550	1.542	1.533	1.525	1.516	1.508	1.499	1.490	1.482
18.618	18.519	18.418	18.314	18.208	18.100	17.990	17.877	17.763
4.569	4.560	4.550	4.540	4.529	4.519	4.507	4.496	4.484
1.003	994	985	975	965	954	940	919	899
2.652	2.635	2.619	2.602	2.585	2.568	2.550	2.533	2.515
187.902	186.213	184.502	182.768	181.013	179.237	177.441	175.626	173.793
26.340	26.155	25.968	25.778	25.585	25.390	25.193	24.994	24.793
31.025	30.799	30.570	30.338	30.103	29.865	29.625	29.381	29.136
18.179	18.126	18.072	18.017	17.960	17.901	17.841	17.780	17.718
4.605	4.586	4.565	4.545	4.524	4.503	4.482	4.461	4.439
1.513	1.502	1.491	1.480	1.469	1.457	1.446	1.434	1.422
4.609	4.589	4.569	4.548	4.527	4.506	4.485	4.463	4.442
4.212	4.188	4.164	4.139	4.114	4.089	4.064	4.038	4.012
3.852	3.837	3.822	3.807	3.792	3.777	3.761	3.745	3.730
2.993	2.981	2.969	2.956	2.944	2.931	2.918	2.905	2.892
757	761	764	768	772	775	779	783	786
1.986	1.976	1.966	1.956	1.946	1.936	1.925	1.914	1.904
12.693	12.686	12.678	12.668	12.658	12.647	12.635	12.623	12.609
21.404	21.366	21.326	21.284	21.242	21.198	21.152	21.105	21.057
19.054	19.049	19.043	19.036	19.028	19.018	19.008	18.996	18.983
2.143	2.135	2.126	2.117	2.108	2.099	2.090	2.081	2.072
1.432	1.425	1.418	1.411	1.404	1.396	1.389	1.382	1.374
625	626	628	629	630	631	632	633	634
1.527	1.522	1.518	1.513	1.508	1.503	1.497	1.492	1.486
6.796	6.766	6.736	6.705	6.674	6.643	6.611	6.579	6.547
67.439	67.028	66.609	66.184	65.752	65.314	64.870	64.420	63.964
117.163	116.257	115.339	114.408	113.466	112.512	111.546	110.571	109.585
21.149	21.046	20.942	20.836	20.728	20.620	20.510	20.399	20.287
7.509	7.457	7.404	7.351	7.297	7.242	7.187	7.131	7.075
1.777	1.770	1.763	1.756	1.749	1.741	1.734	1.726	1.719
2.829	2.851	2.873	2.895	2.918	2.940	2.962	2.984	3.006
4.254	4.233	4.212	4.190	4.169	4.147	4.125	4.102	4.080
1.497	1.490	1.484	1.477	1.470	1.463	1.456	1.449	1.442
1.451	1.448	1.446	1.443	1.440	1.438	1.434	1.431	1.428
15.553	15.467	15.381	15.293	15.204	15.114	15.023	14.931	14.838
857	839	820	801	781	762	742	722	701
3.652	3.639	3.625	3.611	3.596	3.582	3.567	3.552	3.537
2.913	2.952	2.991	3.031	3.070	3.110	3.150	3.154	3.137
989	982	976	969	962	955	948	941	933
2.240	2.232	2.223	2.214	2.205	2.196	2.186	2.177	2.167

1.251	1.258	1.266	1.273	1.280	1.287	1.295	1.302	1.309
2.113	2.133	2.153	2.174	2.194	2.215	2.236	2.257	2.278
13.262	13.204	13.145	13.085	13.024	12.962	12.900	12.837	12.774
26.807	26.614	26.418	26.220	26.019	25.816	25.610	25.402	25.192
1.938	1.943	1.947	1.951	1.955	1.959	1.963	1.966	1.970
22.387	22.256	22.122	21.987	21.850	21.712	21.571	21.430	21.287
9.530	9.511	9.491	9.470	9.448	9.425	9.402	9.378	9.353
13.719	13.662	13.604	13.546	13.486	13.426	13.366	13.304	13.242
41.428	41.254	41.076	40.896	40.713	40.528	40.340	40.150	39.957
22.603	22.446	22.287	22.125	21.962	21.796	21.628	21.459	21.288
2.016	2.006	1.995	1.985	1.974	1.964	1.953	1.942	1.931
4.366	4.347	4.327	4.306	4.286	4.265	4.244	4.223	4.202
11.433	11.443	11.453	11.461	11.468	11.475	11.480	11.485	11.488
9.332	9.275	9.216	9.157	9.096	9.036	8.974	8.912	8.849
28.868	28.630	28.389	28.144	27.896	27.645	27.391	27.135	26.876
2.086	2.074	2.062	2.049	2.037	2.024	2.011	1.998	1.985
2.932	2.923	2.914	2.905	2.896	2.887	2.877	2.868	2.858
1.443	1.438	1.433	1.427	1.421	1.416	1.410	1.404	1.398
36.639	36.330	36.015	35.697	35.375	35.048	34.718	34.385	34.047
47.955	47.565	47.169	46.769	46.363	45.952	45.537	45.117	44.693
1.102	1.105	1.108	1.111	1.114	1.117	1.120	1.122	1.125
1.703	1.696	1.689	1.682	1.675	1.668	1.661	1.654	1.647
9.096	9.049	9.001	8.954	8.905	8.856	8.806	8.756	8.705
20.076	20.041	20.005	19.970	19.935	19.900	19.865	19.830	19.795
23.110	23.000	22.889	22.777	22.663	22.548	22.431	22.313	22.194
1.031	1.027	1.022	1.018	1.013	1.009	1.004	999	994
3.042	3.026	3.010	2.994	2.978	2.961	2.944	2.927	2.910
22.536	22.405	22.230	22.052	21.872	21.689	21.505	21.318	21.130
6.164	6.125	6.086	6.046	6.006	5.965	5.924	5.883	5.841
18.916	18.857	18.795	18.730	18.662	18.591	18.517	18.441	18.362
4.663	4.644	4.624	4.603	4.583	4.562	4.541	4.520	4.499
1.608	1.613	1.619	1.624	1.629	1.633	1.638	1.643	1.648
905	902	898	895	891	888	884	880	876
16.765	16.728	16.690	16.651	16.611	16.571	16.529	16.486	16.443
3.806	3.796	3.786	3.775	3.763	3.752	3.740	3.727	3.714
7.002	6.970	6.938	6.905	6.872	6.839	6.805	6.771	6.736
1.643	1.639	1.636	1.632	1.629	1.625	1.621	1.617	1.613
1.039	1.054	1.069	1.084	1.100	1.106	1.102	1.097	1.093
670	668	666	664	662	660	657	655	653
1.262	1.254	1.246	1.237	1.229	1.220	1.212	1.203	1.194
102.406	101.746	101.074	100.391	99.698	98.994	98.281	97.557	96.825
55.180	54.843	54.501	54.153	53.800	53.441	53.077	52.708	52.335
3.223	3.185	3.147	3.108	3.068	3.029	2.988	2.947	2.906
5.534	5.504	5.472	5.439	5.406	5.373	5.339	5.305	5.271
1.590	1.606	1.621	1.637	1.652	1.668	1.684	1.699	1.695
1.673	1.665	1.657	1.649	1.641	1.633	1.624	1.616	1.607
52.115	52.040	51.957	51.866	51.768	51.662	51.548	51.427	51.298
16.508	16.375	16.241	16.105	15.967	15.827	15.685	15.543	15.398
21.108	21.055	21.000	20.943	20.884	20.824	20.762	20.699	20.634
1.022	1.018	1.014	1.009	1.005	1.001	996	992	987
4.040	4.025	4.010	3.994	3.978	3.962	3.946	3.929	3.913
196.756	195.343	193.881	192.202	190.503	188.782	187.042	185.283	183.506
3.072	3.060	3.048	3.036	3.024	3.012	2.999	2.987	2.974
1.823	1.816	1.808	1.801	1.793	1.785	1.777	1.769	1.761
3.008	2.992	2.975	2.958	2.941	2.924	2.906	2.888	2.870
1.160	1.155	1.150	1.144	1.139	1.133	1.128	1.122	1.116
3.671	3.653	3.635	3.616	3.597	3.578	3.559	3.539	3.519
3.258	3.245	3.232	3.218	3.204	3.190	3.176	3.162	3.148
1.739	1.732	1.724	1.717	1.709	1.701	1.693	1.685	1.677
885	881	877	873	868	864	859	855	850
1.809	1.801	1.792	1.783	1.775	1.766	1.757	1.748	1.738
1.839	1.832	1.824	1.817	1.810	1.802	1.795	1.787	1.779

1.883	1.866	1.848	1.831	1.813	1.794	1.776	1.757	1.738
14.967	14.876	14.784	14.691	14.597	14.501	14.405	14.307	14.208
9.023.848	8.960.340	8.895.604	8.829.624	8.762.640	8.694.649	8.625.610	8.555.533	8.484.562