IRS

Publication 17 - Additional Material

Table of Contents

Tax Tables

2015 Tax Table

⚠ CAUTION

See the instructions for line 44 in the Instructions for Form 1040 to see if you must use the Tax Table below to figure your tax.

Sample Table

At least	But less than	Single	Married filing jointly*	Married filing sepa-rately	Head of a house-hold
			Your tax is—		
25,200	25,250	3,323	2,861	3,323	3,126
25,250	25,300	3,330	2,869	3,330	3,134
25,300	25,350	3,338	(2,876)	3,338	3,141
25,350	25,400	3,345	2,884	3,345	3,149

Example. Mr. and Mrs. Brown are filing a joint return. Their taxable income on Form 1040, line 43, is $25,300. First, they find the $25,300–25,350 taxable income line. Next, they find the column for married filing jointly and read down the column. The amount shown where the taxable income line and filing status column meet is $2,876. This is the tax amount they should enter on Form 1040, line 44.

Tax Table Example

If line 43 (taxable income) is—		And you are—			
At least	But less than	Single	Married filing jointly * * This column must also be used by a qualifying widow(er).	Married filing sepa- rately	Head of a house- hold
			Your tax is—		
0	5	0	0	0	0
5	15	1	1	1	1
15	25	2	2	2	2
25	50	4	4	4	4
50	75	6	6	6	6
75	100	9	9	9	9
100	125	11	11	11	11
125	150	14	14	14	14
150	175	16	16	16	16
175	200	19	19	19	19
200	225	21	21	21	21
225	250	24	24	24	24
250	275	26	26	26	26
275	300	29	29	29	29
300	325	31	31	31	31
325	350	34	34	34	34
350	375	36	36	36	36
375	400	39	39	39	39
400	425	41	41	41	41
425	450	44	44	44	44
450	475	46	46	46	46
475	500	49	49	49	49
500	525	51	51	51	51
525	550	54	54	54	54
550	575	56	56	56	56
575	600	59	59	59	59
600	625	61	61	61	61
625	650	64	64	64	64
650	675	66	66	66	66
675	700	69	69	69	69
700	725	71	71	71	71
725	750	74	74	74	74
750	775	76	76	76	76
775	800	79	79	79	79
800	825	81	81	81	81
825	850	84	84	84	84
850	875	86	86	86	86
875	900	89	89	89	89
900	925	91	91	91	91

925	950	94	94	94	94
950	975	96	96	96	96
975	1,000	99	99	99	99
1,000					
1,000	1,025	101	101	101	101
1,025	1,050	104	104	104	104
1,050	1,075	106	106	106	106
1,075	1,100	109	109	109	109
1,100	1,125	111	111	111	111
1,125	1,150	114	114	114	114
1,150	1,175	116	116	116	116
1,175	1,200	119	119	119	119
1,200	1,225	121	121	121	121
1,225	1,250	124	124	124	124
1,250	1,275	126	126	126	126
1,275	1,300	129	129	129	129
1,300	1,325	131	131	131	131
1,325	1,350	134	134	134	134
1,350	1,375	136	136	136	136
1,375	1,400	139	139	139	139
1,400	1,425	141	141	141	141
1,425	1,450	144	144	144	144
1,450	1,475	146	146	146	146
1,475	1,500	149	149	149	149
1,500	1,525	151	151	151	151
1,525	1,550	154	154	154	154
1,550	1,575	156	156	156	156
1,575	1,600	159	159	159	159
1,600	1,625	161	161	161	161
1,625	1,650	164	164	164	164
1,650	1,675	166	166	166	166
1,675	1,700	169	169	169	169
1,700	1,725	171	171	171	171
1,725	1,750	174	174	174	174
1,750	1,775	176	176	176	176
1,775	1,800	179	179	179	179
1,800	1,825	181	181	181	181
1,825	1,850	184	184	184	184
1,850	1,875	186	186	186	186
1,875	1,900	189	189	189	189
1,900	1,925	191	191	191	191
1,925	1,950	194	194	194	194
1,950	1,975	196	196	196	196
1,975	2,000	199	199	199	199
2,000					
2,000	2,025	201	201	201	201
2,025	2,050	204	204	204	204
2,050	2,075	206	206	206	206
2,075	2,100	209	209	209	209
2,100	2,125	211	211	211	211
2,125	2,150	214	214	214	214
2,150	2,175	216	216	216	216
2,175	2,200	219	219	219	219
2,200	2,225	221	221	221	221
2,225	2,250	224	224	224	224
2,250	2,275	226	226	226	226
2,275	2,300	229	229	229	229
2,300	2,325	231	231	231	231
2,325	2,350	234	234	234	234
2,350	2,375	236	236	236	236
2,375	2,400	239	239	239	239
2,400	2,425	241	241	241	241
2,425	2,450	244	244	244	244
2,450	2,475	246	246	246	246
2,475	2,500	249	249	249	249
2,500	2,525	251	251	251	251
2,525	2,550	254	254	254	254
2,550	2,575	256	256	256	256
2,575	2,600	259	259	259	259
2,600	2,625	261	261	261	261
2,625	2,650	264	264	264	264
2,650	2,675	266	266	266	266
2,675	2,700	269	269	269	269
2,700	2,725	271	271	271	271
2,725	2,750	274	274	274	274

2,750	2,775	276	276	276	276
2,775	2,800	279	279	279	279
2,800	2,825	281	281	281	281
2,825	2,850	284	284	284	284
2,850	2,875	286	286	286	286
2,875	2,900	289	289	289	289
2,900	2,925	291	291	291	291
2,925	2,950	294	294	294	294
2,950	2,975	296	296	296	296
2,975	3,000	299	299	299	299
3,000					
3,000	3,050	303	303	303	303
3,050	3,100	308	308	308	308
3,100	3,150	313	313	313	313
3,150	3,200	318	318	318	318
3,200	3,250	323	323	323	323
3,250	3,300	328	328	328	328
3,300	3,350	333	333	333	333
3,350	3,400	338	338	338	338
3,400	3,450	343	343	343	343
3,450	3,500	348	348	348	348
3,500	3,550	353	353	353	353
3,550	3,600	358	358	358	358
3,600	3,650	363	363	363	363
3,650	3,700	368	368	368	368
3,700	3,750	373	373	373	373
3,750	3,800	378	378	378	378
3,800	3,850	383	383	383	383
3,850	3,900	388	388	388	388
3,900	3,950	393	393	393	393
3,950	4,000	398	398	398	398
4,000					
4,000	4,050	403	403	403	403
4,050	4,100	408	408	408	408
4,100	4,150	413	413	413	413
4,150	4,200	418	418	418	418
4,200	4,250	423	423	423	423
4,250	4,300	428	428	428	428
4,300	4,350	433	433	433	433
4,350	4,400	438	438	438	438
4,400	4,450	443	443	443	443
4,450	4,500	448	448	448	448
4,500	4,550	453	453	453	453
4,550	4,600	458	458	458	458
4,600	4,650	463	463	463	463
4,650	4,700	468	468	468	468
4,700	4,750	473	473	473	473
4,750	4,800	478	478	478	478
4,800	4,850	483	483	483	483
4,850	4,900	488	488	488	488
4,900	4,950	493	493	493	493
4,950	5,000	498	498	498	498
5,000					
5,000	5,050	503	503	503	503
5,050	5,100	508	508	508	508
5,100	5,150	513	513	513	513
5,150	5,200	518	518	518	518
5,200	5,250	523	523	523	523
5,250	5,300	528	528	528	528
5,300	5,350	533	533	533	533
5,350	5,400	538	538	538	538
5,400	5,450	543	543	543	543
5,450	5,500	548	548	548	548
5,500	5,550	553	553	553	553
5,550	5,600	558	558	558	558
5,600	5,650	563	563	563	563
5,650	5,700	568	568	568	568
5,700	5,750	573	573	573	573
5,750	5,800	578	578	578	578
5,800	5,850	583	583	583	583
5,850	5,900	588	588	588	588
5,900	5,950	593	593	593	593
5,950	6,000	598	598	598	598
6,000					
6,000	6,050	603	603	603	603

6,050	6,100	608	608	608	608
6,100	6,150	613	613	613	613
6,150	6,200	618	618	618	618
6,200	6,250	623	623	623	623
6,250	6,300	628	628	628	628
6,300	6,350	633	633	633	633
6,350	6,400	638	638	638	638
6,400	6,450	643	643	643	643
6,450	6,500	648	648	648	648
6,500	6,550	653	653	653	653
6,550	6,600	658	658	658	658
6,600	6,650	663	663	663	663
6,650	6,700	668	668	668	668
6,700	6,750	673	673	673	673
6,750	6,800	678	678	678	678
6,800	6,850	683	683	683	683
6,850	6,900	688	688	688	688
6,900	6,950	693	693	693	693
6,950	7,000	698	698	698	698
7,000					
7,000	7,050	703	703	703	703
7,050	7,100	708	708	708	708
7,100	7,150	713	713	713	713
7,150	7,200	718	718	718	718
7,200	7,250	723	723	723	723
7,250	7,300	728	728	728	728
7,300	7,350	733	733	733	733
7,350	7,400	738	738	738	738
7,400	7,450	743	743	743	743
7,450	7,500	748	748	748	748
7,500	7,550	753	753	753	753
7,550	7,600	758	758	758	758
7,600	7,650	763	763	763	763
7,650	7,700	768	768	768	768
7,700	7,750	773	773	773	773
7,750	7,800	778	778	778	778
7,800	7,850	783	783	783	783
7,850	7,900	788	788	788	788
7,900	7,950	793	793	793	793
7,950	8,000	798	798	798	798
8,000					
8,000	8,050	803	803	803	803
8,050	8,100	808	808	808	808
8,100	8,150	813	813	813	813
8,150	8,200	818	818	818	818
8,200	8,250	823	823	823	823
8,250	8,300	828	828	828	828
8,300	8,350	833	833	833	833
8,350	8,400	838	838	838	838
8,400	8,450	843	843	843	843
8,450	8,500	848	848	848	848
8,500	8,550	853	853	853	853
8,550	8,600	858	858	858	858
8,600	8,650	863	863	863	863
8,650	8,700	868	868	868	868
8,700	8,750	873	873	873	873
8,750	8,800	878	878	878	878
8,800	8,850	883	883	883	883
8,850	8,900	888	888	888	888
8,900	8,950	893	893	893	893
8,950	9,000	898	898	898	898
9,000					
9,000	9,050	903	903	903	903
9,050	9,100	908	908	908	908
9,100	9,150	913	913	913	913
9,150	9,200	918	918	918	918
9,200	9,250	923	923	923	923
9,250	9,300	930	928	930	928
9,300	9,350	938	933	938	933
9,350	9,400	945	938	945	938
9,400	9,450	953	943	953	943
9,450	9,500	960	948	960	948
9,500	9,550	968	953	968	953
9,550	9,600	975	958	975	958
9,600	9,650	983	963	983	963

Date visited: June 21, 2016

9,650	9,700	990	968	990	968
9,700	9,750	998	973	998	973
9,750	9,800	1,005	978	1,005	978
9,800	9,850	1,013	983	1,013	983
9,850	9,900	1,020	988	1,020	988
9,900	9,950	1,028	993	1,028	993
9,950	10,000	1,035	998	1,035	998
10,000					
10,000	10,050	1,043	1,003	1,043	1,003
10,050	10,100	1,050	1,008	1,050	1,008
10,100	10,150	1,058	1,013	1,058	1,013
10,150	10,200	1,065	1,018	1,065	1,018
10,200	10,250	1,073	1,023	1,073	1,023
10,250	10,300	1,080	1,028	1,080	1,028
10,300	10,350	1,088	1,033	1,088	1,033
10,350	10,400	1,095	1,038	1,095	1,038
10,400	10,450	1,103	1,043	1,103	1,043
10,450	10,500	1,110	1,048	1,110	1,048
10,500	10,550	1,118	1,053	1,118	1,053
10,550	10,600	1,125	1,058	1,125	1,058
10,600	10,650	1,133	1,063	1,133	1,063
10,650	10,700	1,140	1,068	1,140	1,068
10,700	10,750	1,148	1,073	1,148	1,073
10,750	10,800	1,155	1,078	1,155	1,078
10,800	10,850	1,163	1,083	1,163	1,083
10,850	10,900	1,170	1,088	1,170	1,088
10,900	10,950	1,178	1,093	1,178	1,093
10,950	11,000	1,185	1,098	1,185	1,098
11,000					
11,000	11,050	1,193	1,103	1,193	1,103
11,050	11,100	1,200	1,108	1,200	1,108
11,100	11,150	1,208	1,113	1,208	1,113
11,150	11,200	1,215	1,118	1,215	1,118
11,200	11,250	1,223	1,123	1,223	1,123
11,250	11,300	1,230	1,128	1,230	1,128
11,300	11,350	1,238	1,133	1,238	1,133
11,350	11,400	1,245	1,138	1,245	1,138
11,400	11,450	1,253	1,143	1,253	1,143
11,450	11,500	1,260	1,148	1,260	1,148
11,500	11,550	1,268	1,153	1,268	1,153
11,550	11,600	1,275	1,158	1,275	1,158
11,600	11,650	1,283	1,163	1,283	1,163
11,650	11,700	1,290	1,168	1,290	1,168
11,700	11,750	1,298	1,173	1,298	1,173
11,750	11,800	1,305	1,178	1,305	1,178
11,800	11,850	1,313	1,183	1,313	1,183
11,850	11,900	1,320	1,188	1,320	1,188
11,900	11,950	1,328	1,193	1,328	1,193
11,950	12,000	1,335	1,198	1,335	1,198
12,000					
12,000	12,050	1,343	1,203	1,343	1,203
12,050	12,100	1,350	1,208	1,350	1,208
12,100	12,150	1,358	1,213	1,358	1,213
12,150	12,200	1,365	1,218	1,365	1,218
12,200	12,250	1,373	1,223	1,373	1,223
12,250	12,300	1,380	1,228	1,380	1,228
12,300	12,350	1,388	1,233	1,388	1,233
12,350	12,400	1,395	1,238	1,395	1,238
12,400	12,450	1,403	1,243	1,403	1,243
12,450	12,500	1,410	1,248	1,410	1,248
12,500	12,550	1,418	1,253	1,418	1,253
12,550	12,600	1,425	1,258	1,425	1,258
12,600	12,650	1,433	1,263	1,433	1,263
12,650	12,700	1,440	1,268	1,440	1,268
12,700	12,750	1,448	1,273	1,448	1,273
12,750	12,800	1,455	1,278	1,455	1,278
12,800	12,850	1,463	1,283	1,463	1,283
12,850	12,900	1,470	1,288	1,470	1,288
12,900	12,950	1,478	1,293	1,478	1,293
12,950	13,000	1,485	1,298	1,485	1,298
13,000					
13,000	13,050	1,493	1,303	1,493	1,303
13,050	13,100	1,500	1,308	1,500	1,308
13,100	13,150	1,508	1,313	1,508	1,313
13,150	13,200	1,515	1,318	1,515	1,319

At least	But less than	Single	Married filing jointly	Married filing sep.	Head of household
13,200	13,250	1,523	1,323	1,523	1,326
13,250	13,300	1,530	1,328	1,530	1,334
13,300	13,350	1,538	1,333	1,538	1,341
13,350	13,400	1,545	1,338	1,545	1,349
13,400	13,450	1,553	1,343	1,553	1,356
13,450	13,500	1,560	1,348	1,560	1,364
13,500	13,550	1,568	1,353	1,568	1,371
13,550	13,600	1,575	1,358	1,575	1,379
13,600	13,650	1,583	1,363	1,583	1,386
13,650	13,700	1,590	1,368	1,590	1,394
13,700	13,750	1,598	1,373	1,598	1,401
13,750	13,800	1,605	1,378	1,605	1,409
13,800	13,850	1,613	1,383	1,613	1,416
13,850	13,900	1,620	1,388	1,620	1,424
13,900	13,950	1,628	1,393	1,628	1,431
13,950	14,000	1,635	1,398	1,635	1,439
14,000					
14,000	14,050	1,643	1,403	1,643	1,446
14,050	14,100	1,650	1,408	1,650	1,454
14,100	14,150	1,658	1,413	1,658	1,461
14,150	14,200	1,665	1,418	1,665	1,469
14,200	14,250	1,673	1,423	1,673	1,476
14,250	14,300	1,680	1,428	1,680	1,484
14,300	14,350	1,688	1,433	1,688	1,491
14,350	14,400	1,695	1,438	1,695	1,499
14,400	14,450	1,703	1,443	1,703	1,506
14,450	14,500	1,710	1,448	1,710	1,514
14,500	14,550	1,718	1,453	1,718	1,521
14,550	14,600	1,725	1,458	1,725	1,529
14,600	14,650	1,733	1,463	1,733	1,536
14,650	14,700	1,740	1,468	1,740	1,544
14,700	14,750	1,748	1,473	1,748	1,551
14,750	14,800	1,755	1,478	1,755	1,559
14,800	14,850	1,763	1,483	1,763	1,566
14,850	14,900	1,770	1,488	1,770	1,574
14,900	14,950	1,778	1,493	1,778	1,581
14,950	15,000	1,785	1,498	1,785	1,589
15,000					
15,000	15,050	1,793	1,503	1,793	1,596
15,050	15,100	1,800	1,508	1,800	1,604
15,100	15,150	1,808	1,513	1,808	1,611
15,150	15,200	1,815	1,518	1,815	1,619
15,200	15,250	1,823	1,523	1,823	1,626
15,250	15,300	1,830	1,528	1,830	1,634
15,300	15,350	1,838	1,533	1,838	1,641
15,350	15,400	1,845	1,538	1,845	1,649
15,400	15,450	1,853	1,543	1,853	1,656
15,450	15,500	1,860	1,548	1,860	1,664
15,500	15,550	1,868	1,553	1,868	1,671
15,550	15,600	1,875	1,558	1,875	1,679
15,600	15,650	1,883	1,563	1,883	1,686
15,650	15,700	1,890	1,568	1,890	1,694
15,700	15,750	1,898	1,573	1,898	1,701
15,750	15,800	1,905	1,578	1,905	1,709
15,800	15,850	1,913	1,583	1,913	1,716
15,850	15,900	1,920	1,588	1,920	1,724
15,900	15,950	1,928	1,593	1,928	1,731
15,950	16,000	1,935	1,598	1,935	1,739
16,000					
16,000	16,050	1,943	1,603	1,943	1,746
16,050	16,100	1,950	1,608	1,950	1,754
16,100	16,150	1,958	1,613	1,958	1,761
16,150	16,200	1,965	1,618	1,965	1,769
16,200	16,250	1,973	1,623	1,973	1,776
16,250	16,300	1,980	1,628	1,980	1,784
16,300	16,350	1,988	1,633	1,988	1,791
16,350	16,400	1,995	1,638	1,995	1,799
16,400	16,450	2,003	1,643	2,003	1,806
16,450	16,500	2,010	1,648	2,010	1,814
16,500	16,550	2,018	1,653	2,018	1,821
16,550	16,600	2,025	1,658	2,025	1,829
16,600	16,650	2,033	1,663	2,033	1,836
16,650	16,700	2,040	1,668	2,040	1,844
16,700	16,750	2,048	1,673	2,048	1,851
16,750	16,800	2,055	1,678	2,055	1,859

Date visited: June 21, 2016

At least	But less than				
16,800	16,850	2,063	1,683	2,063	1,866
16,850	16,900	2,070	1,688	2,070	1,874
16,900	16,950	2,078	1,693	2,078	1,881
16,950	17,000	2,085	1,698	2,085	1,889
17,000					
17,000	17,050	2,093	1,703	2,093	1,896
17,050	17,100	2,100	1,708	2,100	1,904
17,100	17,150	2,108	1,713	2,108	1,911
17,150	17,200	2,115	1,718	2,115	1,919
17,200	17,250	2,123	1,723	2,123	1,926
17,250	17,300	2,130	1,728	2,130	1,934
17,300	17,350	2,138	1,733	2,138	1,941
17,350	17,400	2,145	1,738	2,145	1,949
17,400	17,450	2,153	1,743	2,153	1,956
17,450	17,500	2,160	1,748	2,160	1,964
17,500	17,550	2,168	1,753	2,168	1,971
17,550	17,600	2,175	1,758	2,175	1,979
17,600	17,650	2,183	1,763	2,183	1,986
17,650	17,700	2,190	1,768	2,190	1,994
17,700	17,750	2,198	1,773	2,198	2,001
17,750	17,800	2,205	1,778	2,205	2,009
17,800	17,850	2,213	1,783	2,213	2,016
17,850	17,900	2,220	1,788	2,220	2,024
17,900	17,950	2,228	1,793	2,228	2,031
17,950	18,000	2,235	1,798	2,235	2,039
18,000					
18,000	18,050	2,243	1,803	2,243	2,046
18,050	18,100	2,250	1,808	2,250	2,054
18,100	18,150	2,258	1,813	2,258	2,061
18,150	18,200	2,265	1,818	2,265	2,069
18,200	18,250	2,273	1,823	2,273	2,076
18,250	18,300	2,280	1,828	2,280	2,084
18,300	18,350	2,288	1,833	2,288	2,091
18,350	18,400	2,295	1,838	2,295	2,099
18,400	18,450	2,303	1,843	2,303	2,106
18,450	18,500	2,310	1,849	2,310	2,114
18,500	18,550	2,318	1,856	2,318	2,121
18,550	18,600	2,325	1,864	2,325	2,129
18,600	18,650	2,333	1,871	2,333	2,136
18,650	18,700	2,340	1,879	2,340	2,144
18,700	18,750	2,348	1,886	2,348	2,151
18,750	18,800	2,355	1,894	2,355	2,159
18,800	18,850	2,363	1,901	2,363	2,166
18,850	18,900	2,370	1,909	2,370	2,174
18,900	18,950	2,378	1,916	2,378	2,181
18,950	19,000	2,385	1,924	2,385	2,189
19,000					
19,000	19,050	2,393	1,931	2,393	2,196
19,050	19,100	2,400	1,939	2,400	2,204
19,100	19,150	2,408	1,946	2,408	2,211
19,150	19,200	2,415	1,954	2,415	2,219
19,200	19,250	2,423	1,961	2,423	2,226
19,250	19,300	2,430	1,969	2,430	2,234
19,300	19,350	2,438	1,976	2,438	2,241
19,350	19,400	2,445	1,984	2,445	2,249
19,400	19,450	2,453	1,991	2,453	2,256
19,450	19,500	2,460	1,999	2,460	2,264
19,500	19,550	2,468	2,006	2,468	2,271
19,550	19,600	2,475	2,014	2,475	2,279
19,600	19,650	2,483	2,021	2,483	2,286
19,650	19,700	2,490	2,029	2,490	2,294
19,700	19,750	2,498	2,036	2,498	2,301
19,750	19,800	2,505	2,044	2,505	2,309
19,800	19,850	2,513	2,051	2,513	2,316
19,850	19,900	2,520	2,059	2,520	2,324
19,900	19,950	2,528	2,066	2,528	2,331
19,950	20,000	2,535	2,074	2,535	2,339
20,000					
20,000	20,050	2,543	2,081	2,543	2,346
20,050	20,100	2,550	2,089	2,550	2,354
20,100	20,150	2,558	2,096	2,558	2,361
20,150	20,200	2,565	2,104	2,565	2,369
20,200	20,250	2,573	2,111	2,573	2,376
20,250	20,300	2,580	2,119	2,580	2,384

20,300	20,350	2,588	2,126	2,588	2,391
20,350	20,400	2,595	2,134	2,595	2,399
20,400	20,450	2,603	2,141	2,603	2,406
20,450	20,500	2,610	2,149	2,610	2,414
20,500	20,550	2,618	2,156	2,618	2,421
20,550	20,600	2,625	2,164	2,625	2,429
20,600	20,650	2,633	2,171	2,633	2,436
20,650	20,700	2,640	2,179	2,640	2,444
20,700	20,750	2,648	2,186	2,648	2,451
20,750	20,800	2,655	2,194	2,655	2,459
20,800	20,850	2,663	2,201	2,663	2,466
20,850	20,900	2,670	2,209	2,670	2,474
20,900	20,950	2,678	2,216	2,678	2,481
20,950	21,000	2,685	2,224	2,685	2,489
21,000					
21,000	21,050	2,693	2,231	2,693	2,496
21,050	21,100	2,700	2,239	2,700	2,504
21,100	21,150	2,708	2,246	2,708	2,511
21,150	21,200	2,715	2,254	2,715	2,519
21,200	21,250	2,723	2,261	2,723	2,526
21,250	21,300	2,730	2,269	2,730	2,534
21,300	21,350	2,738	2,276	2,738	2,541
21,350	21,400	2,745	2,284	2,745	2,549
21,400	21,450	2,753	2,291	2,753	2,556
21,450	21,500	2,760	2,299	2,760	2,564
21,500	21,550	2,768	2,306	2,768	2,571
21,550	21,600	2,775	2,314	2,775	2,579
21,600	21,650	2,783	2,321	2,783	2,586
21,650	21,700	2,790	2,329	2,790	2,594
21,700	21,750	2,798	2,336	2,798	2,601
21,750	21,800	2,805	2,344	2,805	2,609
21,800	21,850	2,813	2,351	2,813	2,616
21,850	21,900	2,820	2,359	2,820	2,624
21,900	21,950	2,828	2,366	2,828	2,631
21,950	22,000	2,835	2,374	2,835	2,639
22,000					
22,000	22,050	2,843	2,381	2,843	2,646
22,050	22,100	2,850	2,389	2,850	2,654
22,100	22,150	2,858	2,396	2,858	2,661
22,150	22,200	2,865	2,404	2,865	2,669
22,200	22,250	2,873	2,411	2,873	2,676
22,250	22,300	2,880	2,419	2,880	2,684
22,300	22,350	2,888	2,426	2,888	2,691
22,350	22,400	2,895	2,434	2,895	2,699
22,400	22,450	2,903	2,441	2,903	2,706
22,450	22,500	2,910	2,449	2,910	2,714
22,500	22,550	2,918	2,456	2,918	2,721
22,550	22,600	2,925	2,464	2,925	2,729
22,600	22,650	2,933	2,471	2,933	2,736
22,650	22,700	2,940	2,479	2,940	2,744
22,700	22,750	2,948	2,486	2,948	2,751
22,750	22,800	2,955	2,494	2,955	2,759
22,800	22,850	2,963	2,501	2,963	2,766
22,850	22,900	2,970	2,509	2,970	2,774
22,900	22,950	2,978	2,516	2,978	2,781
22,950	23,000	2,985	2,524	2,985	2,789
23,000					
23,000	23,050	2,993	2,531	2,993	2,796
23,050	23,100	3,000	2,539	3,000	2,804
23,100	23,150	3,008	2,546	3,008	2,811
23,150	23,200	3,015	2,554	3,015	2,819
23,200	23,250	3,023	2,561	3,023	2,826
23,250	23,300	3,030	2,569	3,030	2,834
23,300	23,350	3,038	2,576	3,038	2,841
23,350	23,400	3,045	2,584	3,045	2,849
23,400	23,450	3,053	2,591	3,053	2,856
23,450	23,500	3,060	2,599	3,060	2,864
23,500	23,550	3,068	2,606	3,068	2,871
23,550	23,600	3,075	2,614	3,075	2,879
23,600	23,650	3,083	2,621	3,083	2,886
23,650	23,700	3,090	2,629	3,090	2,894
23,700	23,750	3,098	2,636	3,098	2,901
23,750	23,800	3,105	2,644	3,105	2,909
23,800	23,850	3,113	2,651	3,113	2,916
23,850	23,900	3,120	2,659	3,120	2,924

23,900	23,950	3,128	2,666	3,128	2,931
23,950	24,000	3,135	2,674	3,135	2,939
24,000					
24,000	24,050	3,143	2,681	3,143	2,946
24,050	24,100	3,150	2,689	3,150	2,954
24,100	24,150	3,158	2,696	3,158	2,961
24,150	24,200	3,165	2,704	3,165	2,969
24,200	24,250	3,173	2,711	3,173	2,976
24,250	24,300	3,180	2,719	3,180	2,984
24,300	24,350	3,188	2,726	3,188	2,991
24,350	24,400	3,195	2,734	3,195	2,999
24,400	24,450	3,203	2,741	3,203	3,006
24,450	24,500	3,210	2,749	3,210	3,014
24,500	24,550	3,218	2,756	3,218	3,021
24,550	24,600	3,225	2,764	3,225	3,029
24,600	24,650	3,233	2,771	3,233	3,036
24,650	24,700	3,240	2,779	3,240	3,044
24,700	24,750	3,248	2,786	3,248	3,051
24,750	24,800	3,255	2,794	3,255	3,059
24,800	24,850	3,263	2,801	3,263	3,066
24,850	24,900	3,270	2,809	3,270	3,074
24,900	24,950	3,278	2,816	3,278	3,081
24,950	25,000	3,285	2,824	3,285	3,089
25,000					
25,000	25,050	3,293	2,831	3,293	3,096
25,050	25,100	3,300	2,839	3,300	3,104
25,100	25,150	3,308	2,846	3,308	3,111
25,150	25,200	3,315	2,854	3,315	3,119
25,200	25,250	3,323	2,861	3,323	3,126
25,250	25,300	3,330	2,869	3,330	3,134
25,300	25,350	3,338	2,876	3,338	3,141
25,350	25,400	3,345	2,884	3,345	3,149
25,400	25,450	3,353	2,891	3,353	3,156
25,450	25,500	3,360	2,899	3,360	3,164
25,500	25,550	3,368	2,906	3,368	3,171
25,550	25,600	3,375	2,914	3,375	3,179
25,600	25,650	3,383	2,921	3,383	3,186
25,650	25,700	3,390	2,929	3,390	3,194
25,700	25,750	3,398	2,936	3,398	3,201
25,750	25,800	3,405	2,944	3,405	3,209
25,800	25,850	3,413	2,951	3,413	3,216
25,850	25,900	3,420	2,959	3,420	3,224
25,900	25,950	3,428	2,966	3,428	3,231
25,950	26,000	3,435	2,974	3,435	3,239
26,000					
26,000	26,050	3,443	2,981	3,443	3,246
26,050	26,100	3,450	2,989	3,450	3,254
26,100	26,150	3,458	2,996	3,458	3,261
26,150	26,200	3,465	3,004	3,465	3,269
26,200	26,250	3,473	3,011	3,473	3,276
26,250	26,300	3,480	3,019	3,480	3,284
26,300	26,350	3,488	3,026	3,488	3,291
26,350	26,400	3,495	3,034	3,495	3,299
26,400	26,450	3,503	3,041	3,503	3,306
26,450	26,500	3,510	3,049	3,510	3,314
26,500	26,550	3,518	3,056	3,518	3,321
26,550	26,600	3,525	3,064	3,525	3,329
26,600	26,650	3,533	3,071	3,533	3,336
26,650	26,700	3,540	3,079	3,540	3,344
26,700	26,750	3,548	3,086	3,548	3,351
26,750	26,800	3,555	3,094	3,555	3,359
26,800	26,850	3,563	3,101	3,563	3,366
26,850	26,900	3,570	3,109	3,570	3,374
26,900	26,950	3,578	3,116	3,578	3,381
26,950	27,000	3,585	3,124	3,585	3,389
27,000					
27,000	27,050	3,593	3,131	3,593	3,396
27,050	27,100	3,600	3,139	3,600	3,404
27,100	27,150	3,608	3,146	3,608	3,411
27,150	27,200	3,615	3,154	3,615	3,419
27,200	27,250	3,623	3,161	3,623	3,426
27,250	27,300	3,630	3,169	3,630	3,434
27,300	27,350	3,638	3,176	3,638	3,441
27,350	27,400	3,645	3,184	3,645	3,449
27,400	27,450	3,653	3,191	3,653	3,456

27,450	27,500	3,660	3,199	3,660	3,464
27,500	27,550	3,668	3,206	3,668	3,471
27,550	27,600	3,675	3,214	3,675	3,479
27,600	27,650	3,683	3,221	3,683	3,486
27,650	27,700	3,690	3,229	3,690	3,494
27,700	27,750	3,698	3,236	3,698	3,501
27,750	27,800	3,705	3,244	3,705	3,509
27,800	27,850	3,713	3,251	3,713	3,516
27,850	27,900	3,720	3,259	3,720	3,524
27,900	27,950	3,728	3,266	3,728	3,531
27,950	28,000	3,735	3,274	3,735	3,539
28,000					
28,000	28,050	3,743	3,281	3,743	3,546
28,050	28,100	3,750	3,289	3,750	3,554
28,100	28,150	3,758	3,296	3,758	3,561
28,150	28,200	3,765	3,304	3,765	3,569
28,200	28,250	3,773	3,311	3,773	3,576
28,250	28,300	3,780	3,319	3,780	3,584
28,300	28,350	3,788	3,326	3,788	3,591
28,350	28,400	3,795	3,334	3,795	3,599
28,400	28,450	3,803	3,341	3,803	3,606
28,450	28,500	3,810	3,349	3,810	3,614
28,500	28,550	3,818	3,356	3,818	3,621
28,550	28,600	3,825	3,364	3,825	3,629
28,600	28,650	3,833	3,371	3,833	3,636
28,650	28,700	3,840	3,379	3,840	3,644
28,700	28,750	3,848	3,386	3,848	3,651
28,750	28,800	3,855	3,394	3,855	3,659
28,800	28,850	3,863	3,401	3,863	3,666
28,850	28,900	3,870	3,409	3,870	3,674
28,900	28,950	3,878	3,416	3,878	3,681
28,950	29,000	3,885	3,424	3,885	3,689
29,000					
29,000	29,050	3,893	3,431	3,893	3,696
29,050	29,100	3,900	3,439	3,900	3,704
29,100	29,150	3,908	3,446	3,908	3,711
29,150	29,200	3,915	3,454	3,915	3,719
29,200	29,250	3,923	3,461	3,923	3,726
29,250	29,300	3,930	3,469	3,930	3,734
29,300	29,350	3,938	3,476	3,938	3,741
29,350	29,400	3,945	3,484	3,945	3,749
29,400	29,450	3,953	3,491	3,953	3,756
29,450	29,500	3,960	3,499	3,960	3,764
29,500	29,550	3,968	3,506	3,968	3,771
29,550	29,600	3,975	3,514	3,975	3,779
29,600	29,650	3,983	3,521	3,983	3,786
29,650	29,700	3,990	3,529	3,990	3,794
29,700	29,750	3,998	3,536	3,998	3,801
29,750	29,800	4,005	3,544	4,005	3,809
29,800	29,850	4,013	3,551	4,013	3,816
29,850	29,900	4,020	3,559	4,020	3,824
29,900	29,950	4,028	3,566	4,028	3,831
29,950	30,000	4,035	3,574	4,035	3,839
30,000					
30,000	30,050	4,043	3,581	4,043	3,846
30,050	30,100	4,050	3,589	4,050	3,854
30,100	30,150	4,058	3,596	4,058	3,861
30,150	30,200	4,065	3,604	4,065	3,869
30,200	30,250	4,073	3,611	4,073	3,876
30,250	30,300	4,080	3,619	4,080	3,884
30,300	30,350	4,088	3,626	4,088	3,891
30,350	30,400	4,095	3,634	4,095	3,899
30,400	30,450	4,103	3,641	4,103	3,906
30,450	30,500	4,110	3,649	4,110	3,914
30,500	30,550	4,118	3,656	4,118	3,921
30,550	30,600	4,125	3,664	4,125	3,929
30,600	30,650	4,133	3,671	4,133	3,936
30,650	30,700	4,140	3,679	4,140	3,944
30,700	30,750	4,148	3,686	4,148	3,951
30,750	30,800	4,155	3,694	4,155	3,959
30,800	30,850	4,163	3,701	4,163	3,966
30,850	30,900	4,170	3,709	4,170	3,974
30,900	30,950	4,178	3,716	4,178	3,981
30,950	31,000	4,185	3,724	4,185	3,989

31,000

31,000	31,050	4,193	3,731	4,193	3,996
31,050	31,100	4,200	3,739	4,200	4,004
31,100	31,150	4,208	3,746	4,208	4,011
31,150	31,200	4,215	3,754	4,215	4,019
31,200	31,250	4,223	3,761	4,223	4,026
31,250	31,300	4,230	3,769	4,230	4,034
31,300	31,350	4,238	3,776	4,238	4,041
31,350	31,400	4,245	3,784	4,245	4,049
31,400	31,450	4,253	3,791	4,253	4,056
31,450	31,500	4,260	3,799	4,260	4,064
31,500	31,550	4,268	3,806	4,268	4,071
31,550	31,600	4,275	3,814	4,275	4,079
31,600	31,650	4,283	3,821	4,283	4,086
31,650	31,700	4,290	3,829	4,290	4,094
31,700	31,750	4,298	3,836	4,298	4,101
31,750	31,800	4,305	3,844	4,305	4,109
31,800	31,850	4,313	3,851	4,313	4,116
31,850	31,900	4,320	3,859	4,320	4,124
31,900	31,950	4,328	3,866	4,328	4,131
31,950	32,000	4,335	3,874	4,335	4,139

32,000

32,000	32,050	4,343	3,881	4,343	4,146
32,050	32,100	4,350	3,889	4,350	4,154
32,100	32,150	4,358	3,896	4,358	4,161
32,150	32,200	4,365	3,904	4,365	4,169
32,200	32,250	4,373	3,911	4,373	4,176
32,250	32,300	4,380	3,919	4,380	4,184
32,300	32,350	4,388	3,926	4,388	4,191
32,350	32,400	4,395	3,934	4,395	4,199
32,400	32,450	4,403	3,941	4,403	4,206
32,450	32,500	4,410	3,949	4,410	4,214
32,500	32,550	4,418	3,956	4,418	4,221
32,550	32,600	4,425	3,964	4,425	4,229
32,600	32,650	4,433	3,971	4,433	4,236
32,650	32,700	4,440	3,979	4,440	4,244
32,700	32,750	4,448	3,986	4,448	4,251
32,750	32,800	4,455	3,994	4,455	4,259
32,800	32,850	4,463	4,001	4,463	4,266
32,850	32,900	4,470	4,009	4,470	4,274
32,900	32,950	4,478	4,016	4,478	4,281
32,950	33,000	4,485	4,024	4,485	4,289

33,000

33,000	33,050	4,493	4,031	4,493	4,296
33,050	33,100	4,500	4,039	4,500	4,304
33,100	33,150	4,508	4,046	4,508	4,311
33,150	33,200	4,515	4,054	4,515	4,319
33,200	33,250	4,523	4,061	4,523	4,326
33,250	33,300	4,530	4,069	4,530	4,334
33,300	33,350	4,538	4,076	4,538	4,341
33,350	33,400	4,545	4,084	4,545	4,349
33,400	33,450	4,553	4,091	4,553	4,356
33,450	33,500	4,560	4,099	4,560	4,364
33,500	33,550	4,568	4,106	4,568	4,371
33,550	33,600	4,575	4,114	4,575	4,379
33,600	33,650	4,583	4,121	4,583	4,386
33,650	33,700	4,590	4,129	4,590	4,394
33,700	33,750	4,598	4,136	4,598	4,401
33,750	33,800	4,605	4,144	4,605	4,409
33,800	33,850	4,613	4,151	4,613	4,416
33,850	33,900	4,620	4,159	4,620	4,424
33,900	33,950	4,628	4,166	4,628	4,431
33,950	34,000	4,635	4,174	4,635	4,439

34,000

34,000	34,050	4,643	4,181	4,643	4,446
34,050	34,100	4,650	4,189	4,650	4,454
34,100	34,150	4,658	4,196	4,658	4,461
34,150	34,200	4,665	4,204	4,665	4,469
34,200	34,250	4,673	4,211	4,673	4,476
34,250	34,300	4,680	4,219	4,680	4,484
34,300	34,350	4,688	4,226	4,688	4,491
34,350	34,400	4,695	4,234	4,695	4,499
34,400	34,450	4,703	4,241	4,703	4,506
34,450	34,500	4,710	4,249	4,710	4,514
34,500	34,550	4,718	4,256	4,718	4,521

34,550	34,600	4,725		4,264	4,725	4,529
34,600	34,650	4,733		4,271	4,733	4,536
34,650	34,700	4,740		4,279	4,740	4,544
34,700	34,750	4,748		4,286	4,748	4,551
34,750	34,800	4,755		4,294	4,755	4,559
34,800	34,850	4,763		4,301	4,763	4,566
34,850	34,900	4,770		4,309	4,770	4,574
34,900	34,950	4,778		4,316	4,778	4,581
34,950	35,000	4,785		4,324	4,785	4,589
35,000						
35,000	35,050	4,793		4,331	4,793	4,596
35,050	35,100	4,800		4,339	4,800	4,604
35,100	35,150	4,808		4,346	4,808	4,611
35,150	35,200	4,815		4,354	4,815	4,619
35,200	35,250	4,823		4,361	4,823	4,626
35,250	35,300	4,830		4,369	4,830	4,634
35,300	35,350	4,838		4,376	4,838	4,641
35,350	35,400	4,845		4,384	4,845	4,649
35,400	35,450	4,853		4,391	4,853	4,656
35,450	35,500	4,860		4,399	4,860	4,664
35,500	35,550	4,868		4,406	4,868	4,671
35,550	35,600	4,875		4,414	4,875	4,679
35,600	35,650	4,883		4,421	4,883	4,686
35,650	35,700	4,890		4,429	4,890	4,694
35,700	35,750	4,898		4,436	4,898	4,701
35,750	35,800	4,905		4,444	4,905	4,709
35,800	35,850	4,913		4,451	4,913	4,716
35,850	35,900	4,920		4,459	4,920	4,724
35,900	35,950	4,928		4,466	4,928	4,731
35,950	36,000	4,935		4,474	4,935	4,739
36,000						
36,000	36,050	4,943		4,481	4,943	4,746
36,050	36,100	4,950		4,489	4,950	4,754
36,100	36,150	4,958		4,496	4,958	4,761
36,150	36,200	4,965		4,504	4,965	4,769
36,200	36,250	4,973		4,511	4,973	4,776
36,250	36,300	4,980		4,519	4,980	4,784
36,300	36,350	4,988		4,526	4,988	4,791
36,350	36,400	4,995		4,534	4,995	4,799
36,400	36,450	5,003		4,541	5,003	4,806
36,450	36,500	5,010		4,549	5,010	4,814
36,500	36,550	5,018		4,556	5,018	4,821
36,550	36,600	5,025		4,564	5,025	4,829
36,600	36,650	5,033		4,571	5,033	4,836
36,650	36,700	5,040		4,579	5,040	4,844
36,700	36,750	5,048		4,586	5,048	4,851
36,750	36,800	5,055		4,594	5,055	4,859
36,800	36,850	5,063		4,601	5,063	4,866
36,850	36,900	5,070		4,609	5,070	4,874
36,900	36,950	5,078		4,616	5,078	4,881
36,950	37,000	5,085		4,624	5,085	4,889
37,000						
37,000	37,050	5,093		4,631	5,093	4,896
37,050	37,100	5,100		4,639	5,100	4,904
37,100	37,150	5,108		4,646	5,108	4,911
37,150	37,200	5,115		4,654	5,115	4,919
37,200	37,250	5,123		4,661	5,123	4,926
37,250	37,300	5,130		4,669	5,130	4,934
37,300	37,350	5,138		4,676	5,138	4,941
37,350	37,400	5,145		4,684	5,145	4,949
37,400	37,450	5,153		4,691	5,153	4,956
37,450	37,500	5,163		4,699	5,163	4,964
37,500	37,550	5,175		4,706	5,175	4,971
37,550	37,600	5,188		4,714	5,188	4,979
37,600	37,650	5,200		4,721	5,200	4,986
37,650	37,700	5,213		4,729	5,213	4,994
37,700	37,750	5,225		4,736	5,225	5,001
37,750	37,800	5,238		4,744	5,238	5,009
37,800	37,850	5,250		4,751	5,250	5,016
37,850	37,900	5,263		4,759	5,263	5,024
37,900	37,950	5,275		4,766	5,275	5,031
37,950	38,000	5,288		4,774	5,288	5,039
38,000						
38,000	38,050	5,300		4,781	5,300	5,046
38,050	38,100	5,313		4,789	5,313	5,054

At least	But less than					
38,100	38,150	5,325		4,796	5,325	5,061
38,150	38,200	5,338		4,804	5,338	5,069
38,200	38,250	5,350		4,811	5,350	5,076
38,250	38,300	5,363		4,819	5,363	5,084
38,300	38,350	5,375		4,826	5,375	5,091
38,350	38,400	5,388		4,834	5,388	5,099
38,400	38,450	5,400		4,841	5,400	5,106
38,450	38,500	5,413		4,849	5,413	5,114
38,500	38,550	5,425		4,856	5,425	5,121
38,550	38,600	5,438		4,864	5,438	5,129
38,600	38,650	5,450		4,871	5,450	5,136
38,650	38,700	5,463		4,879	5,463	5,144
38,700	38,750	5,475		4,886	5,475	5,151
38,750	38,800	5,488		4,894	5,488	5,159
38,800	38,850	5,500		4,901	5,500	5,166
38,850	38,900	5,513		4,909	5,513	5,174
38,900	38,950	5,525		4,916	5,525	5,181
38,950	39,000	5,538		4,924	5,538	5,189
39,000						
39,000	39,050	5,550		4,931	5,550	5,196
39,050	39,100	5,563		4,939	5,563	5,204
39,100	39,150	5,575		4,946	5,575	5,211
39,150	39,200	5,588		4,954	5,588	5,219
39,200	39,250	5,600		4,961	5,600	5,226
39,250	39,300	5,613		4,969	5,613	5,234
39,300	39,350	5,625		4,976	5,625	5,241
39,350	39,400	5,638		4,984	5,638	5,249
39,400	39,450	5,650		4,991	5,650	5,256
39,450	39,500	5,663		4,999	5,663	5,264
39,500	39,550	5,675		5,006	5,675	5,271
39,550	39,600	5,688		5,014	5,688	5,279
39,600	39,650	5,700		5,021	5,700	5,286
39,650	39,700	5,713		5,029	5,713	5,294
39,700	39,750	5,725		5,036	5,725	5,301
39,750	39,800	5,738		5,044	5,738	5,309
39,800	39,850	5,750		5,051	5,750	5,316
39,850	39,900	5,763		5,059	5,763	5,324
39,900	39,950	5,775		5,066	5,775	5,331
39,950	40,000	5,788		5,074	5,788	5,339
40,000						
40,000	40,050	5,800		5,081	5,800	5,346
40,050	40,100	5,813		5,089	5,813	5,354
40,100	40,150	5,825		5,096	5,825	5,361
40,150	40,200	5,838		5,104	5,838	5,369
40,200	40,250	5,850		5,111	5,850	5,376
40,250	40,300	5,863		5,119	5,863	5,384
40,300	40,350	5,875		5,126	5,875	5,391
40,350	40,400	5,888		5,134	5,888	5,399
40,400	40,450	5,900		5,141	5,900	5,406
40,450	40,500	5,913		5,149	5,913	5,414
40,500	40,550	5,925		5,156	5,925	5,421
40,550	40,600	5,938		5,164	5,938	5,429
40,600	40,650	5,950		5,171	5,950	5,436
40,650	40,700	5,963		5,179	5,963	5,444
40,700	40,750	5,975		5,186	5,975	5,451
40,750	40,800	5,988		5,194	5,988	5,459
40,800	40,850	6,000		5,201	6,000	5,466
40,850	40,900	6,013		5,209	6,013	5,474
40,900	40,950	6,025		5,216	6,025	5,481
40,950	41,000	6,038		5,224	6,038	5,489
41,000						
41,000	41,050	6,050		5,231	6,050	5,496
41,050	41,100	6,063		5,239	6,063	5,504
41,100	41,150	6,075		5,246	6,075	5,511
41,150	41,200	6,088		5,254	6,088	5,519
41,200	41,250	6,100		5,261	6,100	5,526
41,250	41,300	6,113		5,269	6,113	5,534
41,300	41,350	6,125		5,276	6,125	5,541
41,350	41,400	6,138		5,284	6,138	5,549
41,400	41,450	6,150		5,291	6,150	5,556
41,450	41,500	6,163		5,299	6,163	5,564
41,500	41,550	6,175		5,306	6,175	5,571
41,550	41,600	6,188		5,314	6,188	5,579
41,600	41,650	6,200		5,321	6,200	5,586
41,650	41,700	6,213		5,329	6,213	5,594

41,700	41,750	6,225	5,336	6,225	5,601
41,750	41,800	6,238	5,344	6,238	5,609
41,800	41,850	6,250	5,351	6,250	5,616
41,850	41,900	6,263	5,359	6,263	5,624
41,900	41,950	6,275	5,366	6,275	5,631
41,950	42,000	6,288	5,374	6,288	5,639
42,000					
42,000	42,050	6,300	5,381	6,300	5,646
42,050	42,100	6,313	5,389	6,313	5,654
42,100	42,150	6,325	5,396	6,325	5,661
42,150	42,200	6,338	5,404	6,338	5,669
42,200	42,250	6,350	5,411	6,350	5,676
42,250	42,300	6,363	5,419	6,363	5,684
42,300	42,350	6,375	5,426	6,375	5,691
42,350	42,400	6,388	5,434	6,388	5,699
42,400	42,450	6,400	5,441	6,400	5,706
42,450	42,500	6,413	5,449	6,413	5,714
42,500	42,550	6,425	5,456	6,425	5,721
42,550	42,600	6,438	5,464	6,438	5,729
42,600	42,650	6,450	5,471	6,450	5,736
42,650	42,700	6,463	5,479	6,463	5,744
42,700	42,750	6,475	5,486	6,475	5,751
42,750	42,800	6,488	5,494	6,488	5,759
42,800	42,850	6,500	5,501	6,500	5,766
42,850	42,900	6,513	5,509	6,513	5,774
42,900	42,950	6,525	5,516	6,525	5,781
42,950	43,000	6,538	5,524	6,538	5,789
43,000					
43,000	43,050	6,550	5,531	6,550	5,796
43,050	43,100	6,563	5,539	6,563	5,804
43,100	43,150	6,575	5,546	6,575	5,811
43,150	43,200	6,588	5,554	6,588	5,819
43,200	43,250	6,600	5,561	6,600	5,826
43,250	43,300	6,613	5,569	6,613	5,834
43,300	43,350	6,625	5,576	6,625	5,841
43,350	43,400	6,638	5,584	6,638	5,849
43,400	43,450	6,650	5,591	6,650	5,856
43,450	43,500	6,663	5,599	6,663	5,864
43,500	43,550	6,675	5,606	6,675	5,871
43,550	43,600	6,688	5,614	6,688	5,879
43,600	43,650	6,700	5,621	6,700	5,886
43,650	43,700	6,713	5,629	6,713	5,894
43,700	43,750	6,725	5,636	6,725	5,901
43,750	43,800	6,738	5,644	6,738	5,909
43,800	43,850	6,750	5,651	6,750	5,916
43,850	43,900	6,763	5,659	6,763	5,924
43,900	43,950	6,775	5,666	6,775	5,931
43,950	44,000	6,788	5,674	6,788	5,939
44,000					
44,000	44,050	6,800	5,681	6,800	5,946
44,050	44,100	6,813	5,689	6,813	5,954
44,100	44,150	6,825	5,696	6,825	5,961
44,150	44,200	6,838	5,704	6,838	5,969
44,200	44,250	6,850	5,711	6,850	5,976
44,250	44,300	6,863	5,719	6,863	5,984
44,300	44,350	6,875	5,726	6,875	5,991
44,350	44,400	6,888	5,734	6,888	5,999
44,400	44,450	6,900	5,741	6,900	6,006
44,450	44,500	6,913	5,749	6,913	6,014
44,500	44,550	6,925	5,756	6,925	6,021
44,550	44,600	6,938	5,764	6,938	6,029
44,600	44,650	6,950	5,771	6,950	6,036
44,650	44,700	6,963	5,779	6,963	6,044
44,700	44,750	6,975	5,786	6,975	6,051
44,750	44,800	6,988	5,794	6,988	6,059
44,800	44,850	7,000	5,801	7,000	6,066
44,850	44,900	7,013	5,809	7,013	6,074
44,900	44,950	7,025	5,816	7,025	6,081
44,950	45,000	7,038	5,824	7,038	6,089
45,000					
45,000	45,050	7,050	5,831	7,050	6,096
45,050	45,100	7,063	5,839	7,063	6,104
45,100	45,150	7,075	5,846	7,075	6,111
45,150	45,200	7,088	5,854	7,088	6,119
45,200	45,250	7,100	5,861	7,100	6,126

At least	But less than				
45,250	45,300	7,113	5,869	7,113	6,134
45,300	45,350	7,125	5,876	7,125	6,141
45,350	45,400	7,138	5,884	7,138	6,149
45,400	45,450	7,150	5,891	7,150	6,156
45,450	45,500	7,163	5,899	7,163	6,164
45,500	45,550	7,175	5,906	7,175	6,171
45,550	45,600	7,188	5,914	7,188	6,179
45,600	45,650	7,200	5,921	7,200	6,186
45,650	45,700	7,213	5,929	7,213	6,194
45,700	45,750	7,225	5,936	7,225	6,201
45,750	45,800	7,238	5,944	7,238	6,209
45,800	45,850	7,250	5,951	7,250	6,216
45,850	45,900	7,263	5,959	7,263	6,224
45,900	45,950	7,275	5,966	7,275	6,231
45,950	46,000	7,288	5,974	7,288	6,239
46,000					
46,000	46,050	7,300	5,981	7,300	6,246
46,050	46,100	7,313	5,989	7,313	6,254
46,100	46,150	7,325	5,996	7,325	6,261
46,150	46,200	7,338	6,004	7,338	6,269
46,200	46,250	7,350	6,011	7,350	6,276
46,250	46,300	7,363	6,019	7,363	6,284
46,300	46,350	7,375	6,026	7,375	6,291
46,350	46,400	7,388	6,034	7,388	6,299
46,400	46,450	7,400	6,041	7,400	6,306
46,450	46,500	7,413	6,049	7,413	6,314
46,500	46,550	7,425	6,056	7,425	6,321
46,550	46,600	7,438	6,064	7,438	6,329
46,600	46,650	7,450	6,071	7,450	6,336
46,650	46,700	7,463	6,079	7,463	6,344
46,700	46,750	7,475	6,086	7,475	6,351
46,750	46,800	7,488	6,094	7,488	6,359
46,800	46,850	7,500	6,101	7,500	6,366
46,850	46,900	7,513	6,109	7,513	6,374
46,900	46,950	7,525	6,116	7,525	6,381
46,950	47,000	7,538	6,124	7,538	6,389
47,000					
47,000	47,050	7,550	6,131	7,550	6,396
47,050	47,100	7,563	6,139	7,563	6,404
47,100	47,150	7,575	6,146	7,575	6,411
47,150	47,200	7,588	6,154	7,588	6,419
47,200	47,250	7,600	6,161	7,600	6,426
47,250	47,300	7,613	6,169	7,613	6,434
47,300	47,350	7,625	6,176	7,625	6,441
47,350	47,400	7,638	6,184	7,638	6,449
47,400	47,450	7,650	6,191	7,650	6,456
47,450	47,500	7,663	6,199	7,663	6,464
47,500	47,550	7,675	6,206	7,675	6,471
47,550	47,600	7,688	6,214	7,688	6,479
47,600	47,650	7,700	6,221	7,700	6,486
47,650	47,700	7,713	6,229	7,713	6,494
47,700	47,750	7,725	6,236	7,725	6,501
47,750	47,800	7,738	6,244	7,738	6,509
47,800	47,850	7,750	6,251	7,750	6,516
47,850	47,900	7,763	6,259	7,763	6,524
47,900	47,950	7,775	6,266	7,775	6,531
47,950	48,000	7,788	6,274	7,788	6,539
48,000					
48,000	48,050	7,800	6,281	7,800	6,546
48,050	48,100	7,813	6,289	7,813	6,554
48,100	48,150	7,825	6,296	7,825	6,561
48,150	48,200	7,838	6,304	7,838	6,569
48,200	48,250	7,850	6,311	7,850	6,576
48,250	48,300	7,863	6,319	7,863	6,584
48,300	48,350	7,875	6,326	7,875	6,591
48,350	48,400	7,888	6,334	7,888	6,599
48,400	48,450	7,900	6,341	7,900	6,606
48,450	48,500	7,913	6,349	7,913	6,614
48,500	48,550	7,925	6,356	7,925	6,621
48,550	48,600	7,938	6,364	7,938	6,629
48,600	48,650	7,950	6,371	7,950	6,636
48,650	48,700	7,963	6,379	7,963	6,644
48,700	48,750	7,975	6,386	7,975	6,651
48,750	48,800	7,988	6,394	7,988	6,659
48,800	48,850	8,000	6,401	8,000	6,666

48,850	48,900	8,013	6,409	8,013	6,674
48,900	48,950	8,025	6,416	8,025	6,681
48,950	49,000	8,038	6,424	8,038	6,689
49,000					
49,000	49,050	8,050	6,431	8,050	6,696
49,050	49,100	8,063	6,439	8,063	6,704
49,100	49,150	8,075	6,446	8,075	6,711
49,150	49,200	8,088	6,454	8,088	6,719
49,200	49,250	8,100	6,461	8,100	6,726
49,250	49,300	8,113	6,469	8,113	6,734
49,300	49,350	8,125	6,476	8,125	6,741
49,350	49,400	8,138	6,484	8,138	6,749
49,400	49,450	8,150	6,491	8,150	6,756
49,450	49,500	8,163	6,499	8,163	6,764
49,500	49,550	8,175	6,506	8,175	6,771
49,550	49,600	8,188	6,514	8,188	6,779
49,600	49,650	8,200	6,521	8,200	6,786
49,650	49,700	8,213	6,529	8,213	6,794
49,700	49,750	8,225	6,536	8,225	6,801
49,750	49,800	8,238	6,544	8,238	6,809
49,800	49,850	8,250	6,551	8,250	6,816
49,850	49,900	8,263	6,559	8,263	6,824
49,900	49,950	8,275	6,566	8,275	6,831
49,950	50,000	8,288	6,574	8,288	6,839
50,000					
50,000	50,050	8,300	6,581	8,300	6,846
50,050	50,100	8,313	6,589	8,313	6,854
50,100	50,150	8,325	6,596	8,325	6,861
50,150	50,200	8,338	6,604	8,338	6,869
50,200	50,250	8,350	6,611	8,350	6,879
50,250	50,300	8,363	6,619	8,363	6,891
50,300	50,350	8,375	6,626	8,375	6,904
50,350	50,400	8,388	6,634	8,388	6,916
50,400	50,450	8,400	6,641	8,400	6,929
50,450	50,500	8,413	6,649	8,413	6,941
50,500	50,550	8,425	6,656	8,425	6,954
50,550	50,600	8,438	6,664	8,438	6,966
50,600	50,650	8,450	6,671	8,450	6,979
50,650	50,700	8,463	6,679	8,463	6,991
50,700	50,750	8,475	6,686	8,475	7,004
50,750	50,800	8,488	6,694	8,488	7,016
50,800	50,850	8,500	6,701	8,500	7,029
50,850	50,900	8,513	6,709	8,513	7,041
50,900	50,950	8,525	6,716	8,525	7,054
50,950	51,000	8,538	6,724	8,538	7,066
51,000					
51,000	51,050	8,550	6,731	8,550	7,079
51,050	51,100	8,563	6,739	8,563	7,091
51,100	51,150	8,575	6,746	8,575	7,104
51,150	51,200	8,588	6,754	8,588	7,116
51,200	51,250	8,600	6,761	8,600	7,129
51,250	51,300	8,613	6,769	8,613	7,141
51,300	51,350	8,625	6,776	8,625	7,154
51,350	51,400	8,638	6,784	8,638	7,166
51,400	51,450	8,650	6,791	8,650	7,179
51,450	51,500	8,663	6,799	8,663	7,191
51,500	51,550	8,675	6,806	8,675	7,204
51,550	51,600	8,688	6,814	8,688	7,216
51,600	51,650	8,700	6,821	8,700	7,229
51,650	51,700	8,713	6,829	8,713	7,241
51,700	51,750	8,725	6,836	8,725	7,254
51,750	51,800	8,738	6,844	8,738	7,266
51,800	51,850	8,750	6,851	8,750	7,279
51,850	51,900	8,763	6,859	8,763	7,291
51,900	51,950	8,775	6,866	8,775	7,304
51,950	52,000	8,788	6,874	8,788	7,316
52,000					
52,000	52,050	8,800	6,881	8,800	7,329
52,050	52,100	8,813	6,889	8,813	7,341
52,100	52,150	8,825	6,896	8,825	7,354
52,150	52,200	8,838	6,904	8,838	7,366
52,200	52,250	8,850	6,911	8,850	7,379
52,250	52,300	8,863	6,919	8,863	7,391
52,300	52,350	8,875	6,926	8,875	7,404
52,350	52,400	8,888	6,934	8,888	7,416

52,400	52,450	8,900	6,941	8,900	7,429
52,450	52,500	8,913	6,949	8,913	7,441
52,500	52,550	8,925	6,956	8,925	7,454
52,550	52,600	8,938	6,964	8,938	7,466
52,600	52,650	8,950	6,971	8,950	7,479
52,650	52,700	8,963	6,979	8,963	7,491
52,700	52,750	8,975	6,986	8,975	7,504
52,750	52,800	8,988	6,994	8,988	7,516
52,800	52,850	9,000	7,001	9,000	7,529
52,850	52,900	9,013	7,009	9,013	7,541
52,900	52,950	9,025	7,016	9,025	7,554
52,950	53,000	9,038	7,024	9,038	7,566
53,000					
53,000	53,050	9,050	7,031	9,050	7,579
53,050	53,100	9,063	7,039	9,063	7,591
53,100	53,150	9,075	7,046	9,075	7,604
53,150	53,200	9,088	7,054	9,088	7,616
53,200	53,250	9,100	7,061	9,100	7,629
53,250	53,300	9,113	7,069	9,113	7,641
53,300	53,350	9,125	7,076	9,125	7,654
53,350	53,400	9,138	7,084	9,138	7,666
53,400	53,450	9,150	7,091	9,150	7,679
53,450	53,500	9,163	7,099	9,163	7,691
53,500	53,550	9,175	7,106	9,175	7,704
53,550	53,600	9,188	7,114	9,188	7,716
53,600	53,650	9,200	7,121	9,200	7,729
53,650	53,700	9,213	7,129	9,213	7,741
53,700	53,750	9,225	7,136	9,225	7,754
53,750	53,800	9,238	7,144	9,238	7,766
53,800	53,850	9,250	7,151	9,250	7,779
53,850	53,900	9,263	7,159	9,263	7,791
53,900	53,950	9,275	7,166	9,275	7,804
53,950	54,000	9,288	7,174	9,288	7,816
54,000					
54,000	54,050	9,300	7,181	9,300	7,829
54,050	54,100	9,313	7,189	9,313	7,841
54,100	54,150	9,325	7,196	9,325	7,854
54,150	54,200	9,338	7,204	9,338	7,866
54,200	54,250	9,350	7,211	9,350	7,879
54,250	54,300	9,363	7,219	9,363	7,891
54,300	54,350	9,375	7,226	9,375	7,904
54,350	54,400	9,388	7,234	9,388	7,916
54,400	54,450	9,400	7,241	9,400	7,929
54,450	54,500	9,413	7,249	9,413	7,941
54,500	54,550	9,425	7,256	9,425	7,954
54,550	54,600	9,438	7,264	9,438	7,966
54,600	54,650	9,450	7,271	9,450	7,979
54,650	54,700	9,463	7,279	9,463	7,991
54,700	54,750	9,475	7,286	9,475	8,004
54,750	54,800	9,488	7,294	9,488	8,016
54,800	54,850	9,500	7,301	9,500	8,029
54,850	54,900	9,513	7,309	9,513	8,041
54,900	54,950	9,525	7,316	9,525	8,054
54,950	55,000	9,538	7,324	9,538	8,066
55,000					
55,000	55,050	9,550	7,331	9,550	8,079
55,050	55,100	9,563	7,339	9,563	8,091
55,100	55,150	9,575	7,346	9,575	8,104
55,150	55,200	9,588	7,354	9,588	8,116
55,200	55,250	9,600	7,361	9,600	8,129
55,250	55,300	9,613	7,369	9,613	8,141
55,300	55,350	9,625	7,376	9,625	8,154
55,350	55,400	9,638	7,384	9,638	8,166
55,400	55,450	9,650	7,391	9,650	8,179
55,450	55,500	9,663	7,399	9,663	8,191
55,500	55,550	9,675	7,406	9,675	8,204
55,550	55,600	9,688	7,414	9,688	8,216
55,600	55,650	9,700	7,421	9,700	8,229
55,650	55,700	9,713	7,429	9,713	8,241
55,700	55,750	9,725	7,436	9,725	8,254
55,750	55,800	9,738	7,444	9,738	8,266
55,800	55,850	9,750	7,451	9,750	8,279
55,850	55,900	9,763	7,459	9,763	8,291
55,900	55,950	9,775	7,466	9,775	8,304
55,950	56,000	9,788	7,474	9,788	8,316

Date visited: June 21, 2016

56,000

56,000	56,050	9,800	7,481	9,800	8,329
56,050	56,100	9,813	7,489	9,813	8,341
56,100	56,150	9,825	7,496	9,825	8,354
56,150	56,200	9,838	7,504	9,838	8,366
56,200	56,250	9,850	7,511	9,850	8,379
56,250	56,300	9,863	7,519	9,863	8,391
56,300	56,350	9,875	7,526	9,875	8,404
56,350	56,400	9,888	7,534	9,888	8,416
56,400	56,450	9,900	7,541	9,900	8,429
56,450	56,500	9,913	7,549	9,913	8,441
56,500	56,550	9,925	7,556	9,925	8,454
56,550	56,600	9,938	7,564	9,938	8,466
56,600	56,650	9,950	7,571	9,950	8,479
56,650	56,700	9,963	7,579	9,963	8,491
56,700	56,750	9,975	7,586	9,975	8,504
56,750	56,800	9,988	7,594	9,988	8,516
56,800	56,850	10,000	7,601	10,000	8,529
56,850	56,900	10,013	7,609	10,013	8,541
56,900	56,950	10,025	7,616	10,025	8,554
56,950	57,000	10,038	7,624	10,038	8,566

57,000

57,000	57,050	10,050	7,631	10,050	8,579
57,050	57,100	10,063	7,639	10,063	8,591
57,100	57,150	10,075	7,646	10,075	8,604
57,150	57,200	10,088	7,654	10,088	8,616
57,200	57,250	10,100	7,661	10,100	8,629
57,250	57,300	10,113	7,669	10,113	8,641
57,300	57,350	10,125	7,676	10,125	8,654
57,350	57,400	10,138	7,684	10,138	8,666
57,400	57,450	10,150	7,691	10,150	8,679
57,450	57,500	10,163	7,699	10,163	8,691
57,500	57,550	10,175	7,706	10,175	8,704
57,550	57,600	10,188	7,714	10,188	8,716
57,600	57,650	10,200	7,721	10,200	8,729
57,650	57,700	10,213	7,729	10,213	8,741
57,700	57,750	10,225	7,736	10,225	8,754
57,750	57,800	10,238	7,744	10,238	8,766
57,800	57,850	10,250	7,751	10,250	8,779
57,850	57,900	10,263	7,759	10,263	8,791
57,900	57,950	10,275	7,766	10,275	8,804
57,950	58,000	10,288	7,774	10,288	8,816

58,000

58,000	58,050	10,300	7,781	10,300	8,829
58,050	58,100	10,313	7,789	10,313	8,841
58,100	58,150	10,325	7,796	10,325	8,854
58,150	58,200	10,338	7,804	10,338	8,866
58,200	58,250	10,350	7,811	10,350	8,879
58,250	58,300	10,363	7,819	10,363	8,891
58,300	58,350	10,375	7,826	10,375	8,904
58,350	58,400	10,388	7,834	10,388	8,916
58,400	58,450	10,400	7,841	10,400	8,929
58,450	58,500	10,413	7,849	10,413	8,941
58,500	58,550	10,425	7,856	10,425	8,954
58,550	58,600	10,438	7,864	10,438	8,966
58,600	58,650	10,450	7,871	10,450	8,979
58,650	58,700	10,463	7,879	10,463	8,991
58,700	58,750	10,475	7,886	10,475	9,004
58,750	58,800	10,488	7,894	10,488	9,016
58,800	58,850	10,500	7,901	10,500	9,029
58,850	58,900	10,513	7,909	10,513	9,041
58,900	58,950	10,525	7,916	10,525	9,054
58,950	59,000	10,538	7,924	10,538	9,066

59,000

59,000	59,050	10,550	7,931	10,550	9,079
59,050	59,100	10,563	7,939	10,563	9,091
59,100	59,150	10,575	7,946	10,575	9,104
59,150	59,200	10,588	7,954	10,588	9,116
59,200	59,250	10,600	7,961	10,600	9,129
59,250	59,300	10,613	7,969	10,613	9,141
59,300	59,350	10,625	7,976	10,625	9,154
59,350	59,400	10,638	7,984	10,638	9,166
59,400	59,450	10,650	7,991	10,650	9,179
59,450	59,500	10,663	7,999	10,663	9,191
59,500	59,550	10,675	8,006	10,675	9,204

59,550	59,600	10,688	8,014	10,688	9,216
59,600	59,650	10,700	8,021	10,700	9,229
59,650	59,700	10,713	8,029	10,713	9,241
59,700	59,750	10,725	8,036	10,725	9,254
59,750	59,800	10,738	8,044	10,738	9,266
59,800	59,850	10,750	8,051	10,750	9,279
59,850	59,900	10,763	8,059	10,763	9,291
59,900	59,950	10,775	8,066	10,775	9,304
59,950	60,000	10,788	8,074	10,788	9,316
60,000					
60,000	60,050	10,800	8,081	10,800	9,329
60,050	60,100	10,813	8,089	10,813	9,341
60,100	60,150	10,825	8,096	10,825	9,354
60,150	60,200	10,838	8,104	10,838	9,366
60,200	60,250	10,850	8,111	10,850	9,379
60,250	60,300	10,863	8,119	10,863	9,391
60,300	60,350	10,875	8,126	10,875	9,404
60,350	60,400	10,888	8,134	10,888	9,416
60,400	60,450	10,900	8,141	10,900	9,429
60,450	60,500	10,913	8,149	10,913	9,441
60,500	60,550	10,925	8,156	10,925	9,454
60,550	60,600	10,938	8,164	10,938	9,466
60,600	60,650	10,950	8,171	10,950	9,479
60,650	60,700	10,963	8,179	10,963	9,491
60,700	60,750	10,975	8,186	10,975	9,504
60,750	60,800	10,988	8,194	10,988	9,516
60,800	60,850	11,000	8,201	11,000	9,529
60,850	60,900	11,013	8,209	11,013	9,541
60,900	60,950	11,025	8,216	11,025	9,554
60,950	61,000	11,038	8,224	11,038	9,566
61,000					
61,000	61,050	11,050	8,231	11,050	9,579
61,050	61,100	11,063	8,239	11,063	9,591
61,100	61,150	11,075	8,246	11,075	9,604
61,150	61,200	11,088	8,254	11,088	9,616
61,200	61,250	11,100	8,261	11,100	9,629
61,250	61,300	11,113	8,269	11,113	9,641
61,300	61,350	11,125	8,276	11,125	9,654
61,350	61,400	11,138	8,284	11,138	9,666
61,400	61,450	11,150	8,291	11,150	9,679
61,450	61,500	11,163	8,299	11,163	9,691
61,500	61,550	11,175	8,306	11,175	9,704
61,550	61,600	11,188	8,314	11,188	9,716
61,600	61,650	11,200	8,321	11,200	9,729
61,650	61,700	11,213	8,329	11,213	9,741
61,700	61,750	11,225	8,336	11,225	9,754
61,750	61,800	11,238	8,344	11,238	9,766
61,800	61,850	11,250	8,351	11,250	9,779
61,850	61,900	11,263	8,359	11,263	9,791
61,900	61,950	11,275	8,366	11,275	9,804
61,950	62,000	11,288	8,374	11,288	9,816
62,000					
62,000	62,050	11,300	8,381	11,300	9,829
62,050	62,100	11,313	8,389	11,313	9,841
62,100	62,150	11,325	8,396	11,325	9,854
62,150	62,200	11,338	8,404	11,338	9,866
62,200	62,250	11,350	8,411	11,350	9,879
62,250	62,300	11,363	8,419	11,363	9,891
62,300	62,350	11,375	8,426	11,375	9,904
62,350	62,400	11,388	8,434	11,388	9,916
62,400	62,450	11,400	8,441	11,400	9,929
62,450	62,500	11,413	8,449	11,413	9,941
62,500	62,550	11,425	8,456	11,425	9,954
62,550	62,600	11,438	8,464	11,438	9,966
62,600	62,650	11,450	8,471	11,450	9,979
62,650	62,700	11,463	8,479	11,463	9,991
62,700	62,750	11,475	8,486	11,475	10,004
62,750	62,800	11,488	8,494	11,488	10,016
62,800	62,850	11,500	8,501	11,500	10,029
62,850	62,900	11,513	8,509	11,513	10,041
62,900	62,950	11,525	8,516	11,525	10,054
62,950	63,000	11,538	8,524	11,538	10,066
63,000					
63,000	63,050	11,550	8,531	11,550	10,079
63,050	63,100	11,563	8,539	11,563	10,091

63,100	63,150	11,575	8,546	11,575	10,104
63,150	63,200	11,588	8,554	11,588	10,116
63,200	63,250	11,600	8,561	11,600	10,129
63,250	63,300	11,613	8,569	11,613	10,141
63,300	63,350	11,625	8,576	11,625	10,154
63,350	63,400	11,638	8,584	11,638	10,166
63,400	63,450	11,650	8,591	11,650	10,179
63,450	63,500	11,663	8,599	11,663	10,191
63,500	63,550	11,675	8,606	11,675	10,204
63,550	63,600	11,688	8,614	11,688	10,216
63,600	63,650	11,700	8,621	11,700	10,229
63,650	63,700	11,713	8,629	11,713	10,241
63,700	63,750	11,725	8,636	11,725	10,254
63,750	63,800	11,738	8,644	11,738	10,266
63,800	63,850	11,750	8,651	11,750	10,279
63,850	63,900	11,763	8,659	11,763	10,291
63,900	63,950	11,775	8,666	11,775	10,304
63,950	64,000	11,788	8,674	11,788	10,316
64,000					
64,000	64,050	11,800	8,681	11,800	10,329
64,050	64,100	11,813	8,689	11,813	10,341
64,100	64,150	11,825	8,696	11,825	10,354
64,150	64,200	11,838	8,704	11,838	10,366
64,200	64,250	11,850	8,711	11,850	10,379
64,250	64,300	11,863	8,719	11,863	10,391
64,300	64,350	11,875	8,726	11,875	10,404
64,350	64,400	11,888	8,734	11,888	10,416
64,400	64,450	11,900	8,741	11,900	10,429
64,450	64,500	11,913	8,749	11,913	10,441
64,500	64,550	11,925	8,756	11,925	10,454
64,550	64,600	11,938	8,764	11,938	10,466
64,600	64,650	11,950	8,771	11,950	10,479
64,650	64,700	11,963	8,779	11,963	10,491
64,700	64,750	11,975	8,786	11,975	10,504
64,750	64,800	11,988	8,794	11,988	10,516
64,800	64,850	12,000	8,801	12,000	10,529
64,850	64,900	12,013	8,809	12,013	10,541
64,900	64,950	12,025	8,816	12,025	10,554
64,950	65,000	12,038	8,824	12,038	10,566
65,000					
65,000	65,050	12,050	8,831	12,050	10,579
65,050	65,100	12,063	8,839	12,063	10,591
65,100	65,150	12,075	8,846	12,075	10,604
65,150	65,200	12,088	8,854	12,088	10,616
65,200	65,250	12,100	8,861	12,100	10,629
65,250	65,300	12,113	8,869	12,113	10,641
65,300	65,350	12,125	8,876	12,125	10,654
65,350	65,400	12,138	8,884	12,138	10,666
65,400	65,450	12,150	8,891	12,150	10,679
65,450	65,500	12,163	8,899	12,163	10,691
65,500	65,550	12,175	8,906	12,175	10,704
65,550	65,600	12,188	8,914	12,188	10,716
65,600	65,650	12,200	8,921	12,200	10,729
65,650	65,700	12,213	8,929	12,213	10,741
65,700	65,750	12,225	8,936	12,225	10,754
65,750	65,800	12,238	8,944	12,238	10,766
65,800	65,850	12,250	8,951	12,250	10,779
65,850	65,900	12,263	8,959	12,263	10,791
65,900	65,950	12,275	8,966	12,275	10,804
65,950	66,000	12,288	8,974	12,288	10,816
66,000					
66,000	66,050	12,300	8,981	12,300	10,829
66,050	66,100	12,313	8,989	12,313	10,841
66,100	66,150	12,325	8,996	12,325	10,854
66,150	66,200	12,338	9,004	12,338	10,866
66,200	66,250	12,350	9,011	12,350	10,879
66,250	66,300	12,363	9,019	12,363	10,891
66,300	66,350	12,375	9,026	12,375	10,904
66,350	66,400	12,388	9,034	12,388	10,916
66,400	66,450	12,400	9,041	12,400	10,929
66,450	66,500	12,413	9,049	12,413	10,941
66,500	66,550	12,425	9,056	12,425	10,954
66,550	66,600	12,438	9,064	12,438	10,966
66,600	66,650	12,450	9,071	12,450	10,979
66,650	66,700	12,463	9,079	12,463	10,991

66,700	66,750	12,475	9,086	12,475	11,004
66,750	66,800	12,488	9,094	12,488	11,016
66,800	66,850	12,500	9,101	12,500	11,029
66,850	66,900	12,513	9,109	12,513	11,041
66,900	66,950	12,525	9,116	12,525	11,054
66,950	67,000	12,538	9,124	12,538	11,066
67,000					
67,000	67,050	12,550	9,131	12,550	11,079
67,050	67,100	12,563	9,139	12,563	11,091
67,100	67,150	12,575	9,146	12,575	11,104
67,150	67,200	12,588	9,154	12,588	11,116
67,200	67,250	12,600	9,161	12,600	11,129
67,250	67,300	12,613	9,169	12,613	11,141
67,300	67,350	12,625	9,176	12,625	11,154
67,350	67,400	12,638	9,184	12,638	11,166
67,400	67,450	12,650	9,191	12,650	11,179
67,450	67,500	12,663	9,199	12,663	11,191
67,500	67,550	12,675	9,206	12,675	11,204
67,550	67,600	12,688	9,214	12,688	11,216
67,600	67,650	12,700	9,221	12,700	11,229
67,650	67,700	12,713	9,229	12,713	11,241
67,700	67,750	12,725	9,236	12,725	11,254
67,750	67,800	12,738	9,244	12,738	11,266
67,800	67,850	12,750	9,251	12,750	11,279
67,850	67,900	12,763	9,259	12,763	11,291
67,900	67,950	12,775	9,266	12,775	11,304
67,950	68,000	12,788	9,274	12,788	11,316
68,000					
68,000	68,050	12,800	9,281	12,800	11,329
68,050	68,100	12,813	9,289	12,813	11,341
68,100	68,150	12,825	9,296	12,825	11,354
68,150	68,200	12,838	9,304	12,838	11,366
68,200	68,250	12,850	9,311	12,850	11,379
68,250	68,300	12,863	9,319	12,863	11,391
68,300	68,350	12,875	9,326	12,875	11,404
68,350	68,400	12,888	9,334	12,888	11,416
68,400	68,450	12,900	9,341	12,900	11,429
68,450	68,500	12,913	9,349	12,913	11,441
68,500	68,550	12,925	9,356	12,925	11,454
68,550	68,600	12,938	9,364	12,938	11,466
68,600	68,650	12,950	9,371	12,950	11,479
68,650	68,700	12,963	9,379	12,963	11,491
68,700	68,750	12,975	9,386	12,975	11,504
68,750	68,800	12,988	9,394	12,988	11,516
68,800	68,850	13,000	9,401	13,000	11,529
68,850	68,900	13,013	9,409	13,013	11,541
68,900	68,950	13,025	9,416	13,025	11,554
68,950	69,000	13,038	9,424	13,038	11,566
69,000					
69,000	69,050	13,050	9,431	13,050	11,579
69,050	69,100	13,063	9,439	13,063	11,591
69,100	69,150	13,075	9,446	13,075	11,604
69,150	69,200	13,088	9,454	13,088	11,616
69,200	69,250	13,100	9,461	13,100	11,629
69,250	69,300	13,113	9,469	13,113	11,641
69,300	69,350	13,125	9,476	13,125	11,654
69,350	69,400	13,138	9,484	13,138	11,666
69,400	69,450	13,150	9,491	13,150	11,679
69,450	69,500	13,163	9,499	13,163	11,691
69,500	69,550	13,175	9,506	13,175	11,704
69,550	69,600	13,188	9,514	13,188	11,716
69,600	69,650	13,200	9,521	13,200	11,729
69,650	69,700	13,213	9,529	13,213	11,741
69,700	69,750	13,225	9,536	13,225	11,754
69,750	69,800	13,238	9,544	13,238	11,766
69,800	69,850	13,250	9,551	13,250	11,779
69,850	69,900	13,263	9,559	13,263	11,791
69,900	69,950	13,275	9,566	13,275	11,804
69,950	70,000	13,288	9,574	13,288	11,816
70,000					
70,000	70,050	13,300	9,581	13,300	11,829
70,050	70,100	13,313	9,589	13,313	11,841
70,100	70,150	13,325	9,596	13,325	11,854
70,150	70,200	13,338	9,604	13,338	11,866
70,200	70,250	13,350	9,611	13,350	11,879

70,250	70,300	13,363	9,619	13,363	11,891
70,300	70,350	13,375	9,626	13,375	11,904
70,350	70,400	13,388	9,634	13,388	11,916
70,400	70,450	13,400	9,641	13,400	11,929
70,450	70,500	13,413	9,649	13,413	11,941
70,500	70,550	13,425	9,656	13,425	11,954
70,550	70,600	13,438	9,664	13,438	11,966
70,600	70,650	13,450	9,671	13,450	11,979
70,650	70,700	13,463	9,679	13,463	11,991
70,700	70,750	13,475	9,686	13,475	12,004
70,750	70,800	13,488	9,694	13,488	12,016
70,800	70,850	13,500	9,701	13,500	12,029
70,850	70,900	13,513	9,709	13,513	12,041
70,900	70,950	13,525	9,716	13,525	12,054
70,950	71,000	13,538	9,724	13,538	12,066
71,000					
71,000	71,050	13,550	9,731	13,550	12,079
71,050	71,100	13,563	9,739	13,563	12,091
71,100	71,150	13,575	9,746	13,575	12,104
71,150	71,200	13,588	9,754	13,588	12,116
71,200	71,250	13,600	9,761	13,600	12,129
71,250	71,300	13,613	9,769	13,613	12,141
71,300	71,350	13,625	9,776	13,625	12,154
71,350	71,400	13,638	9,784	13,638	12,166
71,400	71,450	13,650	9,791	13,650	12,179
71,450	71,500	13,663	9,799	13,663	12,191
71,500	71,550	13,675	9,806	13,675	12,204
71,550	71,600	13,688	9,814	13,688	12,216
71,600	71,650	13,700	9,821	13,700	12,229
71,650	71,700	13,713	9,829	13,713	12,241
71,700	71,750	13,725	9,836	13,725	12,254
71,750	71,800	13,738	9,844	13,738	12,266
71,800	71,850	13,750	9,851	13,750	12,279
71,850	71,900	13,763	9,859	13,763	12,291
71,900	71,950	13,775	9,866	13,775	12,304
71,950	72,000	13,788	9,874	13,788	12,316
72,000					
72,000	72,050	13,800	9,881	13,800	12,329
72,050	72,100	13,813	9,889	13,813	12,341
72,100	72,150	13,825	9,896	13,825	12,354
72,150	72,200	13,838	9,904	13,838	12,366
72,200	72,250	13,850	9,911	13,850	12,379
72,250	72,300	13,863	9,919	13,863	12,391
72,300	72,350	13,875	9,926	13,875	12,404
72,350	72,400	13,888	9,934	13,888	12,416
72,400	72,450	13,900	9,941	13,900	12,429
72,450	72,500	13,913	9,949	13,913	12,441
72,500	72,550	13,925	9,956	13,925	12,454
72,550	72,600	13,938	9,964	13,938	12,466
72,600	72,650	13,950	9,971	13,950	12,479
72,650	72,700	13,963	9,979	13,963	12,491
72,700	72,750	13,975	9,986	13,975	12,504
72,750	72,800	13,988	9,994	13,988	12,516
72,800	72,850	14,000	10,001	14,000	12,529
72,850	72,900	14,013	10,009	14,013	12,541
72,900	72,950	14,025	10,016	14,025	12,554
72,950	73,000	14,038	10,024	14,038	12,566
73,000					
73,000	73,050	14,050	10,031	14,050	12,579
73,050	73,100	14,063	10,039	14,063	12,591
73,100	73,150	14,075	10,046	14,075	12,604
73,150	73,200	14,088	10,054	14,088	12,616
73,200	73,250	14,100	10,061	14,100	12,629
73,250	73,300	14,113	10,069	14,113	12,641
73,300	73,350	14,125	10,076	14,125	12,654
73,350	73,400	14,138	10,084	14,138	12,666
73,400	73,450	14,150	10,091	14,150	12,679
73,450	73,500	14,163	10,099	14,163	12,691
73,500	73,550	14,175	10,106	14,175	12,704
73,550	73,600	14,188	10,114	14,188	12,716
73,600	73,650	14,200	10,121	14,200	12,729
73,650	73,700	14,213	10,129	14,213	12,741
73,700	73,750	14,225	10,136	14,225	12,754
73,750	73,800	14,238	10,144	14,238	12,766
73,800	73,850	14,250	10,151	14,250	12,779

73,850	73,900	14,263	10,159	14,263	12,791
73,900	73,950	14,275	10,166	14,275	12,804
73,950	74,000	14,288	10,174	14,288	12,816
74,000					
74,000	74,050	14,300	10,181	14,300	12,829
74,050	74,100	14,313	10,189	14,313	12,841
74,100	74,150	14,325	10,196	14,325	12,854
74,150	74,200	14,338	10,204	14,338	12,866
74,200	74,250	14,350	10,211	14,350	12,879
74,250	74,300	14,363	10,219	14,363	12,891
74,300	74,350	14,375	10,226	14,375	12,904
74,350	74,400	14,388	10,234	14,388	12,916
74,400	74,450	14,400	10,241	14,400	12,929
74,450	74,500	14,413	10,249	14,413	12,941
74,500	74,550	14,425	10,256	14,425	12,954
74,550	74,600	14,438	10,264	14,438	12,966
74,600	74,650	14,450	10,271	14,450	12,979
74,650	74,700	14,463	10,279	14,463	12,991
74,700	74,750	14,475	10,286	14,475	13,004
74,750	74,800	14,488	10,294	14,488	13,016
74,800	74,850	14,500	10,301	14,500	13,029
74,850	74,900	14,513	10,309	14,513	13,041
74,900	74,950	14,525	10,319	14,525	13,054
74,950	75,000	14,538	10,331	14,538	13,066
75,000					
75,000	75,050	14,550	10,344	14,550	13,079
75,050	75,100	14,563	10,356	14,563	13,091
75,100	75,150	14,575	10,369	14,575	13,104
75,150	75,200	14,588	10,381	14,588	13,116
75,200	75,250	14,600	10,394	14,600	13,129
75,250	75,300	14,613	10,406	14,613	13,141
75,300	75,350	14,625	10,419	14,625	13,154
75,350	75,400	14,638	10,431	14,638	13,166
75,400	75,450	14,650	10,444	14,650	13,179
75,450	75,500	14,663	10,456	14,663	13,191
75,500	75,550	14,675	10,469	14,675	13,204
75,550	75,600	14,688	10,481	14,688	13,216
75,600	75,650	14,700	10,494	14,701	13,229
75,650	75,700	14,713	10,506	14,715	13,241
75,700	75,750	14,725	10,519	14,729	13,254
75,750	75,800	14,738	10,531	14,743	13,266
75,800	75,850	14,750	10,544	14,757	13,279
75,850	75,900	14,763	10,556	14,771	13,291
75,900	75,950	14,775	10,569	14,785	13,304
75,950	76,000	14,788	10,581	14,799	13,316
76,000					
76,000	76,050	14,800	10,594	14,813	13,329
76,050	76,100	14,813	10,606	14,827	13,341
76,100	76,150	14,825	10,619	14,841	13,354
76,150	76,200	14,838	10,631	14,855	13,366
76,200	76,250	14,850	10,644	14,869	13,379
76,250	76,300	14,863	10,656	14,883	13,391
76,300	76,350	14,875	10,669	14,897	13,404
76,350	76,400	14,888	10,681	14,911	13,416
76,400	76,450	14,900	10,694	14,925	13,429
76,450	76,500	14,913	10,706	14,939	13,441
76,500	76,550	14,925	10,719	14,953	13,454
76,550	76,600	14,938	10,731	14,967	13,466
76,600	76,650	14,950	10,744	14,981	13,479
76,650	76,700	14,963	10,756	14,995	13,491
76,700	76,750	14,975	10,769	15,009	13,504
76,750	76,800	14,988	10,781	15,023	13,516
76,800	76,850	15,000	10,794	15,037	13,529
76,850	76,900	15,013	10,806	15,051	13,541
76,900	76,950	15,025	10,819	15,065	13,554
76,950	77,000	15,038	10,831	15,079	13,566
77,000					
77,000	77,050	15,050	10,844	15,093	13,579
77,050	77,100	15,063	10,856	15,107	13,591
77,100	77,150	15,075	10,869	15,121	13,604
77,150	77,200	15,088	10,881	15,135	13,616
77,200	77,250	15,100	10,894	15,149	13,629
77,250	77,300	15,113	10,906	15,163	13,641
77,300	77,350	15,125	10,919	15,177	13,654
77,350	77,400	15,138	10,931	15,191	13,666

77,400	77,450	15,150	10,944	15,205	13,679
77,450	77,500	15,163	10,956	15,219	13,691
77,500	77,550	15,175	10,969	15,233	13,704
77,550	77,600	15,188	10,981	15,247	13,716
77,600	77,650	15,200	10,994	15,261	13,729
77,650	77,700	15,213	11,006	15,275	13,741
77,700	77,750	15,225	11,019	15,289	13,754
77,750	77,800	15,238	11,031	15,303	13,766
77,800	77,850	15,250	11,044	15,317	13,779
77,850	77,900	15,263	11,056	15,331	13,791
77,900	77,950	15,275	11,069	15,345	13,804
77,950	78,000	15,288	11,081	15,359	13,816
78,000					
78,000	78,050	15,300	11,094	15,373	13,829
78,050	78,100	15,313	11,106	15,387	13,841
78,100	78,150	15,325	11,119	15,401	13,854
78,150	78,200	15,338	11,131	15,415	13,866
78,200	78,250	15,350	11,144	15,429	13,879
78,250	78,300	15,363	11,156	15,443	13,891
78,300	78,350	15,375	11,169	15,457	13,904
78,350	78,400	15,388	11,181	15,471	13,916
78,400	78,450	15,400	11,194	15,485	13,929
78,450	78,500	15,413	11,206	15,499	13,941
78,500	78,550	15,425	11,219	15,513	13,954
78,550	78,600	15,438	11,231	15,527	13,966
78,600	78,650	15,450	11,244	15,541	13,979
78,650	78,700	15,463	11,256	15,555	13,991
78,700	78,750	15,475	11,269	15,569	14,004
78,750	78,800	15,488	11,281	15,583	14,016
78,800	78,850	15,500	11,294	15,597	14,029
78,850	78,900	15,513	11,306	15,611	14,041
78,900	78,950	15,525	11,319	15,625	14,054
78,950	79,000	15,538	11,331	15,639	14,066
79,000					
79,000	79,050	15,550	11,344	15,653	14,079
79,050	79,100	15,563	11,356	15,667	14,091
79,100	79,150	15,575	11,369	15,681	14,104
79,150	79,200	15,588	11,381	15,695	14,116
79,200	79,250	15,600	11,394	15,709	14,129
79,250	79,300	15,613	11,406	15,723	14,141
79,300	79,350	15,625	11,419	15,737	14,154
79,350	79,400	15,638	11,431	15,751	14,166
79,400	79,450	15,650	11,444	15,765	14,179
79,450	79,500	15,663	11,456	15,779	14,191
79,500	79,550	15,675	11,469	15,793	14,204
79,550	79,600	15,688	11,481	15,807	14,216
79,600	79,650	15,700	11,494	15,821	14,229
79,650	79,700	15,713	11,506	15,835	14,241
79,700	79,750	15,725	11,519	15,849	14,254
79,750	79,800	15,738	11,531	15,863	14,266
79,800	79,850	15,750	11,544	15,877	14,279
79,850	79,900	15,763	11,556	15,891	14,291
79,900	79,950	15,775	11,569	15,905	14,304
79,950	80,000	15,788	11,581	15,919	14,316
80,000					
80,000	80,050	15,800	11,594	15,933	14,329
80,050	80,100	15,813	11,606	15,947	14,341
80,100	80,150	15,825	11,619	15,961	14,354
80,150	80,200	15,838	11,631	15,975	14,366
80,200	80,250	15,850	11,644	15,989	14,379
80,250	80,300	15,863	11,656	16,003	14,391
80,300	80,350	15,875	11,669	16,017	14,404
80,350	80,400	15,888	11,681	16,031	14,416
80,400	80,450	15,900	11,694	16,045	14,429
80,450	80,500	15,913	11,706	16,059	14,441
80,500	80,550	15,925	11,719	16,073	14,454
80,550	80,600	15,938	11,731	16,087	14,466
80,600	80,650	15,950	11,744	16,101	14,479
80,650	80,700	15,963	11,756	16,115	14,491
80,700	80,750	15,975	11,769	16,129	14,504
80,750	80,800	15,988	11,781	16,143	14,516
80,800	80,850	16,000	11,794	16,157	14,529
80,850	80,900	16,013	11,806	16,171	14,541
80,900	80,950	16,025	11,819	16,185	14,554
80,950	81,000	16,038	11,831	16,199	14,566

81,000					
81,000	81,050	16,050	11,844	16,213	14,579
81,050	81,100	16,063	11,856	16,227	14,591
81,100	81,150	16,075	11,869	16,241	14,604
81,150	81,200	16,088	11,881	16,255	14,616
81,200	81,250	16,100	11,894	16,269	14,629
81,250	81,300	16,113	11,906	16,283	14,641
81,300	81,350	16,125	11,919	16,297	14,654
81,350	81,400	16,138	11,931	16,311	14,666
81,400	81,450	16,150	11,944	16,325	14,679
81,450	81,500	16,163	11,956	16,339	14,691
81,500	81,550	16,175	11,969	16,353	14,704
81,550	81,600	16,188	11,981	16,367	14,716
81,600	81,650	16,200	11,994	16,381	14,729
81,650	81,700	16,213	12,006	16,395	14,741
81,700	81,750	16,225	12,019	16,409	14,754
81,750	81,800	16,238	12,031	16,423	14,766
81,800	81,850	16,250	12,044	16,437	14,779
81,850	81,900	16,263	12,056	16,451	14,791
81,900	81,950	16,275	12,069	16,465	14,804
81,950	82,000	16,288	12,081	16,479	14,816
82,000					
82,000	82,050	16,300	12,094	16,493	14,829
82,050	82,100	16,313	12,106	16,507	14,841
82,100	82,150	16,325	12,119	16,521	14,854
82,150	82,200	16,338	12,131	16,535	14,866
82,200	82,250	16,350	12,144	16,549	14,879
82,250	82,300	16,363	12,156	16,563	14,891
82,300	82,350	16,375	12,169	16,577	14,904
82,350	82,400	16,388	12,181	16,591	14,916
82,400	82,450	16,400	12,194	16,605	14,929
82,450	82,500	16,413	12,206	16,619	14,941
82,500	82,550	16,425	12,219	16,633	14,954
82,550	82,600	16,438	12,231	16,647	14,966
82,600	82,650	16,450	12,244	16,661	14,979
82,650	82,700	16,463	12,256	16,675	14,991
82,700	82,750	16,475	12,269	16,689	15,004
82,750	82,800	16,488	12,281	16,703	15,016
82,800	82,850	16,500	12,294	16,717	15,029
82,850	82,900	16,513	12,306	16,731	15,041
82,900	82,950	16,525	12,319	16,745	15,054
82,950	83,000	16,538	12,331	16,759	15,066
83,000					
83,000	83,050	16,550	12,344	16,773	15,079
83,050	83,100	16,563	12,356	16,787	15,091
83,100	83,150	16,575	12,369	16,801	15,104
83,150	83,200	16,588	12,381	16,815	15,116
83,200	83,250	16,600	12,394	16,829	15,129
83,250	83,300	16,613	12,406	16,843	15,141
83,300	83,350	16,625	12,419	16,857	15,154
83,350	83,400	16,638	12,431	16,871	15,166
83,400	83,450	16,650	12,444	16,885	15,179
83,450	83,500	16,663	12,456	16,899	15,191
83,500	83,550	16,675	12,469	16,913	15,204
83,550	83,600	16,688	12,481	16,927	15,216
83,600	83,650	16,700	12,494	16,941	15,229
83,650	83,700	16,713	12,506	16,955	15,241
83,700	83,750	16,725	12,519	16,969	15,254
83,750	83,800	16,738	12,531	16,983	15,266
83,800	83,850	16,750	12,544	16,997	15,279
83,850	83,900	16,763	12,556	17,011	15,291
83,900	83,950	16,775	12,569	17,025	15,304
83,950	84,000	16,788	12,581	17,039	15,316
84,000					
84,000	84,050	16,800	12,594	17,053	15,329
84,050	84,100	16,813	12,606	17,067	15,341
84,100	84,150	16,825	12,619	17,081	15,354
84,150	84,200	16,838	12,631	17,095	15,366
84,200	84,250	16,850	12,644	17,109	15,379
84,250	84,300	16,863	12,656	17,123	15,391
84,300	84,350	16,875	12,669	17,137	15,404
84,350	84,400	16,888	12,681	17,151	15,416
84,400	84,450	16,900	12,694	17,165	15,429
84,450	84,500	16,913	12,706	17,179	15,441
84,500	84,550	16,925	12,719	17,193	15,454

84,550	84,600	16,938	12,731	17,207	15,466
84,600	84,650	16,950	12,744	17,221	15,479
84,650	84,700	16,963	12,756	17,235	15,491
84,700	84,750	16,975	12,769	17,249	15,504
84,750	84,800	16,988	12,781	17,263	15,516
84,800	84,850	17,000	12,794	17,277	15,529
84,850	84,900	17,013	12,806	17,291	15,541
84,900	84,950	17,025	12,819	17,305	15,554
84,950	85,000	17,038	12,831	17,319	15,566
85,000					
85,000	85,050	17,050	12,844	17,333	15,579
85,050	85,100	17,063	12,856	17,347	15,591
85,100	85,150	17,075	12,869	17,361	15,604
85,150	85,200	17,088	12,881	17,375	15,616
85,200	85,250	17,100	12,894	17,389	15,629
85,250	85,300	17,113	12,906	17,403	15,641
85,300	85,350	17,125	12,919	17,417	15,654
85,350	85,400	17,138	12,931	17,431	15,666
85,400	85,450	17,150	12,944	17,445	15,679
85,450	85,500	17,163	12,956	17,459	15,691
85,500	85,550	17,175	12,969	17,473	15,704
85,550	85,600	17,188	12,981	17,487	15,716
85,600	85,650	17,200	12,994	17,501	15,729
85,650	85,700	17,213	13,006	17,515	15,741
85,700	85,750	17,225	13,019	17,529	15,754
85,750	85,800	17,238	13,031	17,543	15,766
85,800	85,850	17,250	13,044	17,557	15,779
85,850	85,900	17,263	13,056	17,571	15,791
85,900	85,950	17,275	13,069	17,585	15,804
85,950	86,000	17,288	13,081	17,599	15,816
86,000					
86,000	86,050	17,300	13,094	17,613	15,829
86,050	86,100	17,313	13,106	17,627	15,841
86,100	86,150	17,325	13,119	17,641	15,854
86,150	86,200	17,338	13,131	17,655	15,866
86,200	86,250	17,350	13,144	17,669	15,879
86,250	86,300	17,363	13,156	17,683	15,891
86,300	86,350	17,375	13,169	17,697	15,904
86,350	86,400	17,388	13,181	17,711	15,916
86,400	86,450	17,400	13,194	17,725	15,929
86,450	86,500	17,413	13,206	17,739	15,941
86,500	86,550	17,425	13,219	17,753	15,954
86,550	86,600	17,438	13,231	17,767	15,966
86,600	86,650	17,450	13,244	17,781	15,979
86,650	86,700	17,463	13,256	17,795	15,991
86,700	86,750	17,475	13,269	17,809	16,004
86,750	86,800	17,488	13,281	17,823	16,016
86,800	86,850	17,500	13,294	17,837	16,029
86,850	86,900	17,513	13,306	17,851	16,041
86,900	86,950	17,525	13,319	17,865	16,054
86,950	87,000	17,538	13,331	17,879	16,066
87,000					
87,000	87,050	17,550	13,344	17,893	16,079
87,050	87,100	17,563	13,356	17,907	16,091
87,100	87,150	17,575	13,369	17,921	16,104
87,150	87,200	17,588	13,381	17,935	16,116
87,200	87,250	17,600	13,394	17,949	16,129
87,250	87,300	17,613	13,406	17,963	16,141
87,300	87,350	17,625	13,419	17,977	16,154
87,350	87,400	17,638	13,431	17,991	16,166
87,400	87,450	17,650	13,444	18,005	16,179
87,450	87,500	17,663	13,456	18,019	16,191
87,500	87,550	17,675	13,469	18,033	16,204
87,550	87,600	17,688	13,481	18,047	16,216
87,600	87,650	17,700	13,494	18,061	16,229
87,650	87,700	17,713	13,506	18,075	16,241
87,700	87,750	17,725	13,519	18,089	16,254
87,750	87,800	17,738	13,531	18,103	16,266
87,800	87,850	17,750	13,544	18,117	16,279
87,850	87,900	17,763	13,556	18,131	16,291
87,900	87,950	17,775	13,569	18,145	16,304
87,950	88,000	17,788	13,581	18,159	16,316
88,000					
88,000	88,050	17,800	13,594	18,173	16,329

88,050	88,100	17,813	13,606	18,187	16,341
88,100	88,150	17,825	13,619	18,201	16,354
88,150	88,200	17,838	13,631	18,215	16,366
88,200	88,250	17,850	13,644	18,229	16,379
88,250	88,300	17,863	13,656	18,243	16,391
88,300	88,350	17,875	13,669	18,257	16,404
88,350	88,400	17,888	13,681	18,271	16,416
88,400	88,450	17,900	13,694	18,285	16,429
88,450	88,500	17,913	13,706	18,299	16,441
88,500	88,550	17,925	13,719	18,313	16,454
88,550	88,600	17,938	13,731	18,327	16,466
88,600	88,650	17,950	13,744	18,341	16,479
88,650	88,700	17,963	13,756	18,355	16,491
88,700	88,750	17,975	13,769	18,369	16,504
88,750	88,800	17,988	13,781	18,383	16,516
88,800	88,850	18,000	13,794	18,397	16,529
88,850	88,900	18,013	13,806	18,411	16,541
88,900	88,950	18,025	13,819	18,425	16,554
88,950	89,000	18,038	13,831	18,439	16,566
89,000					
89,000	89,050	18,050	13,844	18,453	16,579
89,050	89,100	18,063	13,856	18,467	16,591
89,100	89,150	18,075	13,869	18,481	16,604
89,150	89,200	18,088	13,881	18,495	16,616
89,200	89,250	18,100	13,894	18,509	16,629
89,250	89,300	18,113	13,906	18,523	16,641
89,300	89,350	18,125	13,919	18,537	16,654
89,350	89,400	18,138	13,931	18,551	16,666
89,400	89,450	18,150	13,944	18,565	16,679
89,450	89,500	18,163	13,956	18,579	16,691
89,500	89,550	18,175	13,969	18,593	16,704
89,550	89,600	18,188	13,981	18,607	16,716
89,600	89,650	18,200	13,994	18,621	16,729
89,650	89,700	18,213	14,006	18,635	16,741
89,700	89,750	18,225	14,019	18,649	16,754
89,750	89,800	18,238	14,031	18,663	16,766
89,800	89,850	18,250	14,044	18,677	16,779
89,850	89,900	18,263	14,056	18,691	16,791
89,900	89,950	18,275	14,069	18,705	16,804
89,950	90,000	18,288	14,081	18,719	16,816
90,000					
90,000	90,050	18,300	14,094	18,733	16,829
90,050	90,100	18,313	14,106	18,747	16,841
90,100	90,150	18,325	14,119	18,761	16,854
90,150	90,200	18,338	14,131	18,775	16,866
90,200	90,250	18,350	14,144	18,789	16,879
90,250	90,300	18,363	14,156	18,803	16,891
90,300	90,350	18,375	14,169	18,817	16,904
90,350	90,400	18,388	14,181	18,831	16,916
90,400	90,450	18,400	14,194	18,845	16,929
90,450	90,500	18,413	14,206	18,859	16,941
90,500	90,550	18,425	14,219	18,873	16,954
90,550	90,600	18,438	14,231	18,887	16,966
90,600	90,650	18,450	14,244	18,901	16,979
90,650	90,700	18,463	14,256	18,915	16,991
90,700	90,750	18,475	14,269	18,929	17,004
90,750	90,800	18,488	14,281	18,943	17,016
90,800	90,850	18,502	14,294	18,957	17,029
90,850	90,900	18,516	14,306	18,971	17,041
90,900	90,950	18,530	14,319	18,985	17,054
90,950	91,000	18,544	14,331	18,999	17,066
91,000					
91,000	91,050	18,558	14,344	19,013	17,079
91,050	91,100	18,572	14,356	19,027	17,091
91,100	91,150	18,586	14,369	19,041	17,104
91,150	91,200	18,600	14,381	19,055	17,116
91,200	91,250	18,614	14,394	19,069	17,129
91,250	91,300	18,628	14,406	19,083	17,141
91,300	91,350	18,642	14,419	19,097	17,154
91,350	91,400	18,656	14,431	19,111	17,166
91,400	91,450	18,670	14,444	19,125	17,179
91,450	91,500	18,684	14,456	19,139	17,191
91,500	91,550	18,698	14,469	19,153	17,204
91,550	91,600	18,712	14,481	19,167	17,216
91,600	91,650	18,726	14,494	19,181	17,229

91,650	91,700	18,740	14,506	19,195	17,241
91,700	91,750	18,754	14,519	19,209	17,254
91,750	91,800	18,768	14,531	19,223	17,266
91,800	91,850	18,782	14,544	19,237	17,279
91,850	91,900	18,796	14,556	19,251	17,291
91,900	91,950	18,810	14,569	19,265	17,304
91,950	92,000	18,824	14,581	19,279	17,316
92,000					
92,000	92,050	18,838	14,594	19,293	17,329
92,050	92,100	18,852	14,606	19,307	17,341
92,100	92,150	18,866	14,619	19,321	17,354
92,150	92,200	18,880	14,631	19,335	17,366
92,200	92,250	18,894	14,644	19,349	17,379
92,250	92,300	18,908	14,656	19,363	17,391
92,300	92,350	18,922	14,669	19,377	17,404
92,350	92,400	18,936	14,681	19,391	17,416
92,400	92,450	18,950	14,694	19,405	17,429
92,450	92,500	18,964	14,706	19,419	17,441
92,500	92,550	18,978	14,719	19,433	17,454
92,550	92,600	18,992	14,731	19,447	17,466
92,600	92,650	19,006	14,744	19,461	17,479
92,650	92,700	19,020	14,756	19,475	17,491
92,700	92,750	19,034	14,769	19,489	17,504
92,750	92,800	19,048	14,781	19,503	17,516
92,800	92,850	19,062	14,794	19,517	17,529
92,850	92,900	19,076	14,806	19,531	17,541
92,900	92,950	19,090	14,819	19,545	17,554
92,950	93,000	19,104	14,831	19,559	17,566
93,000					
93,000	93,050	19,118	14,844	19,573	17,579
93,050	93,100	19,132	14,856	19,587	17,591
93,100	93,150	19,146	14,869	19,601	17,604
93,150	93,200	19,160	14,881	19,615	17,616
93,200	93,250	19,174	14,894	19,629	17,629
93,250	93,300	19,188	14,906	19,643	17,641
93,300	93,350	19,202	14,919	19,657	17,654
93,350	93,400	19,216	14,931	19,671	17,666
93,400	93,450	19,230	14,944	19,685	17,679
93,450	93,500	19,244	14,956	19,699	17,691
93,500	93,550	19,258	14,969	19,713	17,704
93,550	93,600	19,272	14,981	19,727	17,716
93,600	93,650	19,286	14,994	19,741	17,729
93,650	93,700	19,300	15,006	19,755	17,741
93,700	93,750	19,314	15,019	19,769	17,754
93,750	93,800	19,328	15,031	19,783	17,766
93,800	93,850	19,342	15,044	19,797	17,779
93,850	93,900	19,356	15,056	19,811	17,791
93,900	93,950	19,370	15,069	19,825	17,804
93,950	94,000	19,384	15,081	19,839	17,816
94,000					
94,000	94,050	19,398	15,094	19,853	17,829
94,050	94,100	19,412	15,106	19,867	17,841
94,100	94,150	19,426	15,119	19,881	17,854
94,150	94,200	19,440	15,131	19,895	17,866
94,200	94,250	19,454	15,144	19,909	17,879
94,250	94,300	19,468	15,156	19,923	17,891
94,300	94,350	19,482	15,169	19,937	17,904
94,350	94,400	19,496	15,181	19,951	17,916
94,400	94,450	19,510	15,194	19,965	17,929
94,450	94,500	19,524	15,206	19,979	17,941
94,500	94,550	19,538	15,219	19,993	17,954
94,550	94,600	19,552	15,231	20,007	17,966
94,600	94,650	19,566	15,244	20,021	17,979
94,650	94,700	19,580	15,256	20,035	17,991
94,700	94,750	19,594	15,269	20,049	18,004
94,750	94,800	19,608	15,281	20,063	18,016
94,800	94,850	19,622	15,294	20,077	18,029
94,850	94,900	19,636	15,306	20,091	18,041
94,900	94,950	19,650	15,319	20,105	18,054
94,950	95,000	19,664	15,331	20,119	18,066
95,000					
95,000	95,050	19,678	15,344	20,133	18,079
95,050	95,100	19,692	15,356	20,147	18,091
95,100	95,150	19,706	15,369	20,161	18,104
95,150	95,200	19,720	15,381	20,175	18,116

95,200	95,250	19,734	15,394	20,189	18,129
95,250	95,300	19,748	15,406	20,203	18,141
95,300	95,350	19,762	15,419	20,217	18,154
95,350	95,400	19,776	15,431	20,231	18,166
95,400	95,450	19,790	15,444	20,245	18,179
95,450	95,500	19,804	15,456	20,259	18,191
95,500	95,550	19,818	15,469	20,273	18,204
95,550	95,600	19,832	15,481	20,287	18,216
95,600	95,650	19,846	15,494	20,301	18,229
95,650	95,700	19,860	15,506	20,315	18,241
95,700	95,750	19,874	15,519	20,329	18,254
95,750	95,800	19,888	15,531	20,343	18,266
95,800	95,850	19,902	15,544	20,357	18,279
95,850	95,900	19,916	15,556	20,371	18,291
95,900	95,950	19,930	15,569	20,385	18,304
95,950	96,000	19,944	15,581	20,399	18,316
96,000					
96,000	96,050	19,958	15,594	20,413	18,329
96,050	96,100	19,972	15,606	20,427	18,341
96,100	96,150	19,986	15,619	20,441	18,354
96,150	96,200	20,000	15,631	20,455	18,366
96,200	96,250	20,014	15,644	20,469	18,379
96,250	96,300	20,028	15,656	20,483	18,391
96,300	96,350	20,042	15,669	20,497	18,404
96,350	96,400	20,056	15,681	20,511	18,416
96,400	96,450	20,070	15,694	20,525	18,429
96,450	96,500	20,084	15,706	20,539	18,441
96,500	96,550	20,098	15,719	20,553	18,454
96,550	96,600	20,112	15,731	20,567	18,466
96,600	96,650	20,126	15,744	20,581	18,479
96,650	96,700	20,140	15,756	20,595	18,491
96,700	96,750	20,154	15,769	20,609	18,504
96,750	96,800	20,168	15,781	20,623	18,516
96,800	96,850	20,182	15,794	20,637	18,529
96,850	96,900	20,196	15,806	20,651	18,541
96,900	96,950	20,210	15,819	20,665	18,554
96,950	97,000	20,224	15,831	20,679	18,566
97,000					
97,000	97,050	20,238	15,844	20,693	18,579
97,050	97,100	20,252	15,856	20,707	18,591
97,100	97,150	20,266	15,869	20,721	18,604
97,150	97,200	20,280	15,881	20,735	18,616
97,200	97,250	20,294	15,894	20,749	18,629
97,250	97,300	20,308	15,906	20,763	18,641
97,300	97,350	20,322	15,919	20,777	18,654
97,350	97,400	20,336	15,931	20,791	18,666
97,400	97,450	20,350	15,944	20,805	18,679
97,450	97,500	20,364	15,956	20,819	18,691
97,500	97,550	20,378	15,969	20,833	18,704
97,550	97,600	20,392	15,981	20,847	18,716
97,600	97,650	20,406	15,994	20,861	18,729
97,650	97,700	20,420	16,006	20,875	18,741
97,700	97,750	20,434	16,019	20,889	18,754
97,750	97,800	20,448	16,031	20,903	18,766
97,800	97,850	20,462	16,044	20,917	18,779
97,850	97,900	20,476	16,056	20,931	18,791
97,900	97,950	20,490	16,069	20,945	18,804
97,950	98,000	20,504	16,081	20,959	18,816
98,000					
98,000	98,050	20,518	16,094	20,973	18,829
98,050	98,100	20,532	16,106	20,987	18,841
98,100	98,150	20,546	16,119	21,001	18,854
98,150	98,200	20,560	16,131	21,015	18,866
98,200	98,250	20,574	16,144	21,029	18,879
98,250	98,300	20,588	16,156	21,043	18,891
98,300	98,350	20,602	16,169	21,057	18,904
98,350	98,400	20,616	16,181	21,071	18,916
98,400	98,450	20,630	16,194	21,085	18,929
98,450	98,500	20,644	16,206	21,099	18,941
98,500	98,550	20,658	16,219	21,113	18,954
98,550	98,600	20,672	16,231	21,127	18,966
98,600	98,650	20,686	16,244	21,141	18,979
98,650	98,700	20,700	16,256	21,155	18,991
98,700	98,750	20,714	16,269	21,169	19,004
98,750	98,800	20,728	16,281	21,183	19,016

At least	But less than				
98,800	98,850	20,742	16,294	21,197	19,029
98,850	98,900	20,756	16,306	21,211	19,041
98,900	98,950	20,770	16,319	21,225	19,054
98,950	99,000	20,784	16,331	21,239	19,066
99,000					
99,000	99,050	20,798	16,344	21,253	19,079
99,050	99,100	20,812	16,356	21,267	19,091
99,100	99,150	20,826	16,369	21,281	19,104
99,150	99,200	20,840	16,381	21,295	19,116
99,200	99,250	20,854	16,394	21,309	19,129
99,250	99,300	20,868	16,406	21,323	19,141
99,300	99,350	20,882	16,419	21,337	19,154
99,350	99,400	20,896	16,431	21,351	19,166
99,400	99,450	20,910	16,444	21,365	19,179
99,450	99,500	20,924	16,456	21,379	19,191
99,500	99,550	20,938	16,469	21,393	19,204
99,550	99,600	20,952	16,481	21,407	19,216
99,600	99,650	20,966	16,494	21,421	19,229
99,650	99,700	20,980	16,506	21,435	19,241
99,700	99,750	20,994	16,519	21,449	19,254
99,750	99,800	21,008	16,531	21,463	19,266
99,800	99,850	21,022	16,544	21,477	19,279
99,850	99,900	21,036	16,556	21,491	19,291
99,900	99,950	21,050	16,569	21,505	19,304
99,950	100,000	21,064	16,581	21,519	19,316

**$100,000
or over
use the Tax
Computation
Worksheet**

2015 Tax Computation Worksheet—Line 44

⚠️ **CAUTION**

See the instructions for line 44 in the Instructions for Form 1040 to see if you must use the worksheet below to figure your tax.

Note. If you are required to use this worksheet to figure the tax on an amount from another form or worksheet, such as the Qualified Dividends and Capital Gain Tax Worksheet, the Schedule D Tax Worksheet, Schedule J, Form 8615, or the Foreign Earned Income Tax Worksheet, enter the amount from that form or worksheet in column (a) of the row that applies to the amount you are looking up. Enter the result on the appropriate line of the form or worksheet that you are completing.

Section A—Use if your filing status is Single. Complete the row below that applies to you.

Taxable income. If line 43 is—	(a) Enter the amount from line 43	(b) Multiplication amount	(c) Multiply (a) by (b)	(d) Subtraction amount	Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44
At least $100,000 but not over $189,300	$	× 28% (0.28)	$	$ 6,928.75	$
Over $189,300 but not over $411,500	$	× 33% (0.33)	$	$ 16,393.75	$
Over $411,500 but not over $413,200	$	× 35% (0.35)	$	$ 24,623.75	$
Over $413,200	$	× 39.6% (0.396)	$	$ 43,630.95	$

Section B—Use if your filing status is Married filing jointly or Qualifying widow(er). Complete the row below that applies to you.

Taxable income. If line 43 is—	(a) Enter the amount from line 43	(b) Multiplication amount	(c) Multiply (a) by (b)	(d) Subtraction amount	Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44
At least $100,000 but not over $151,200	$	× 25% (0.25)	$	$ 8,412.50	$
Over $151,200 but not over $230,450	$	× 28% (0.28)	$	$ 12,948.50	$
Over $230,450 but not over $411,500	$	× 33% (0.33)	$	$ 24,471.00	$
Over $411,500 but not over $464,850	$	× 35% (0.35)	$	$ 32,701.00	$
Over $464,850	$	× 39.6% (0.396)	$	$ 54,084.10	$

Section C—Use if your filing status is Married filing separately. Complete the row below that applies to you.

Taxable income. If line 43 is—	(a) Enter the amount from line 43	(b) Multiplication amount	(c) Multiply (a) by (b)	(d) Subtraction amount	Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44
At least $100,000 but not over $115,225	$	× 28% (0.28)	$	$ 6,474.25	$
Over $115,225 but not over					

$205,750	$	× 33% (0.33)	$	$ 12,235.50	$
Over $205,750 but not over $232,425	$	× 35% (0.35)	$	$ 16,350.50	$
Over $232,425	$	× 39.6% (0.396)	$	$ 27,042.05	$

Section D—Use if your filing status is Head of household. Complete the row below that applies to you.

Taxable income. If line 43 is—	(a) Enter the amount from line 43	(b) Multiplication amount	(c) Multiply (a) by (b)	(d) Subtraction amount	Tax. Subtract (d) from (c). Enter the result here and on Form 1040, line 44
At least $100,000 but not over $129,600	$	× 25% (0.25)	$	$ 5,677.50	$
Over $129,600 but not over $209,850	$	× 28% (0.28)	$	$ 9,565.50	$
Over $209,850 but not over $411,500	$	× 33% (0.33)	$	$ 20,058.00	$
Over $411,500 but not over $439,000	$	× 35% (0.35)	$	$ 28,288.00	$
Over $439,000	$	× 39.6% (0.396)	$	$ 48,482.00	$

2015 Tax Rate Schedules

The Tax Rate Schedules are shown so you can see the tax rate that applies to all levels of taxable income. Do not use them to figure your tax. Instead, see chapter 30 .

Schedule X—If your filing status is **Single**

If your taxable income is:		The tax is:	of the amount
Over—	But not over—		over—
$0	$9,225	········· 10%	$0
9,225	37,450	$922.50 + 15%	9,225
37,450	90,750	5,156.25 + 25%	37,450
90,750	189,300	18,481.25 + 28%	90,750
189,300	411,500	46,075.25 + 33%	189,300
411,500	413,200	119,401.25 + 35%	411,500
413,200	··········	119,996.25 + 39.6%	413,200

Schedule Y-1—If your filing status is **Married filing jointly** or **Qualifying widow(er)**

If your taxable income is:		The tax is:	of the amount
Over—	But not over—		over—
$0	$18,450	········· 10%	$0
18,450	74,900	$1,845.00 + 15%	18,450
74,900	151,200	10,312.50 + 25%	74,900
151,200	230,450	29,387.50 + 28%	151,200
230,450	411,500	51,577.50 + 33%	230,450
411,500	464,850	111,324.00 + 35%	411,500
464,850	··········	129,996.50 + 39.6%	464,850

Schedule Y-2—If your filing status is **Married filing separately**

If your taxable income is:		The tax is:	of the amount
Over—	But not over—		over—
$0	$9,225	·········· 10%	$0
9,225	37,450	$922.50 + 15%	9,225
37,450	75,600	5,156.25 + 25%	37,450
75,600	115,225	14,693.75 + 28%	75,600
115,225	205,750	25,788.75 + 33%	115,225
205,750	232,425	55,662.00 + 35%	205,750
232,425	··········	64,998.25 + 39.6%	232,425

Schedule Z—If your filing status is **Head of household**

If your taxable income is:		The tax is:	of the amount
Over—	But not over—		over—
$0	$13,150	·········· 10%	$0
13,150	50,200	$1,315.00 + 15%	13,150
50,200	129,600	6,872.50 + 25%	50,200
129,600	209,850	26,722.50 + 28%	129,600
209,850	411,500	49,192.50 + 33%	209,850
411,500	439,000	115,737.00 + 35%	411,500
439,000	··········	125,362.00 + 39.6%	439,000

[Please click here for the text description of the image.](#)

Tax Rate Schedule

Your Rights as a Taxpayer

This section explains your rights as a taxpayer and the processes for examination, appeal, collection, and refunds.

The Taxpayer Bill of Rights

1. The Right to Be Informed.   Taxpayers have the right to know what they need to do to comply with the tax laws. They are entitled to clear explanations of the laws and IRS procedures in all tax forms, instructions, publications, notices, and correspondence. They have the right to be informed of IRS decisions about their tax accounts and to receive clear explanations of the outcomes.

2. The Right to Quality Service.   Taxpayers have the right to receive prompt, courteous, and professional assistance in their dealings with the IRS, to be spoken to in a way they can easily understand, to receive clear and easily understandable communications from the IRS, and to speak to a supervisor about inadequate service.

3. The Right to Pay No More than the Correct Amount of Tax.   Taxpayers have the right to pay only the amount of tax legally due, including interest and penalties, and to have the IRS apply all tax payments properly.

4. The Right to Challenge the IRS's Position and Be Heard.   Taxpayers have the right to raise objections and provide additional documentation in response to formal IRS actions or proposed actions, to expect that the IRS will consider their timely objections and documentation promptly and fairly, and to receive a response if the IRS does not agree with their position.

5. The Right to Appeal an IRS Decision in an Independent Forum.   Taxpayers are entitled to a fair and impartial administrative appeal of most IRS decisions, including many penalties, and have the right to receive a written response regarding the Office of Appeals' decision. Taxpayers generally have the right to take their cases to court.

6. The Right to Finality. Taxpayers have the right to know the maximum amount of time they have to challenge the IRS's position as well as the maximum amount of time the IRS has to audit a particular tax year or collect a tax debt. Taxpayers have the right to know when the IRS has finished an audit.

7. The Right to Privacy. Taxpayers have the right to expect that any IRS inquiry, examination, or enforcement action will comply with the law and be no more intrusive than necessary, and will respect all due process rights, including search and seizure protections and will provide, where applicable, a collection due process hearing.

8. The Right to Confidentiality. Taxpayers have the right to expect that any information they provide to the IRS will not be disclosed unless authorized by the taxpayer or by law. Taxpayers have the right to expect appropriate action will be taken against employees, return preparers, and others who wrongfully use or disclose taxpayer return information.

9. The Right to Retain Representation. Taxpayers have the right to retain an authorized representative of their choice to represent them in their dealings with the IRS. Taxpayers have the right to seek assistance from a Low Income Taxpayer Clinic if they cannot afford representation.

10. The Right to a Fair and Just Tax System. Taxpayers have the right to expect the tax system to consider facts and circumstances that might affect their underlying liabilities, ability to pay, or ability to provide information timely. Taxpayers have the right to receive assistance from the Taxpayer Advocate Service if they are experiencing financial difficulty or if the IRS has not resolved their tax issues properly and timely through its normal channels.

Examinations (Audits)

We accept most taxpayers' returns as filed. If we inquire about your return or select it for examination, it does not suggest that you are dishonest. The inquiry or examination may or may not result in more tax. We may close your case without change; or, you may receive a refund.

The process of selecting a return for examination usually begins in one of two ways. First, we use computer programs to identify returns that may have incorrect amounts. These programs may be based on information returns, such as Forms 1099 and W-2, on studies of past examinations, or on certain issues identified by compliance projects. Second, we use information from outside sources that indicates that a return may have incorrect amounts. These sources may include newspapers, public records, and individuals. If we determine that the information is accurate and reliable, we may use it to select a return for examination.

Publication 556, Examination of Returns, Appeal Rights, and Claims for Refund, explains the rules and procedures that we follow in examinations. The following sections give an overview of how we conduct examinations.

By mail. We handle many examinations and inquiries by mail. We will send you a letter with either a request for more information or a reason why we believe a change to your return may be needed. You can respond by mail or you can request a personal interview with an examiner. If you mail us the requested information or provide an explanation, we may or may not agree with you, and we will explain the reasons for any changes. Please do not hesitate to write to us about anything you do not understand.

By interview. If we notify you that we will conduct your examination through a personal interview, or you request such an interview, you have the right to ask that the examination take place at a reasonable time and place that is convenient for both you and the IRS. If our examiner proposes any changes to your return, he or she will explain the reasons for the changes. If you do not agree with these changes, you can meet with the examiner's supervisor.

Repeat examinations. If we examined your return for the same items in either of the 2 previous years and proposed no change to your tax liability, please contact us as soon as possible so we can see if we should discontinue the examination.

Appeals

If you do not agree with the examiner's proposed changes, you can appeal them to the Appeals Office of IRS. Most differences can be settled without expensive and time-consuming court trials. Your appeal rights are explained in detail in both Publication 5, Your Appeal Rights and How To Prepare a Protest If You Don't Agree, and Publication 556, Examination of Returns, Appeal Rights, and Claims for Refund.

If you do not wish to use the Appeals Office or disagree with its findings, you may be able to take your case to the U.S. Tax Court, U.S. Court of Federal Claims, or the U.S. District Court where you live. If you take your case to court, the IRS will have the burden of proving certain facts if you kept adequate records to show your tax liability, cooperated with the IRS, and meet certain other conditions. If the court agrees with you on most issues in your case and finds that our position was largely unjustified, you may be able to recover some of your administrative and litigation costs. You will not be eligible to recover these costs unless you tried to resolve your case administratively, including going through the appeals system, and you gave us the information necessary to resolve the case.

Collections

Publication 594, The IRS Collection Process, explains your rights and responsibilities regarding payment of federal taxes. It describes:

- What to do when you owe taxes. It describes what to do if you get a tax bill and what to do if you think your bill is wrong. It also covers making installment payments, delaying collection action, and submitting an offer in compromise.
- IRS collection actions. It covers liens, releasing a lien, levies, releasing a levy, seizures and sales, and release of property.

Your collection appeal rights are explained in detail in Publication 1660, Collection Appeal Rights.

Innocent spouse relief. Generally, both you and your spouse are each responsible for paying the full amount of tax, interest, and penalties due on your joint return. However, if you qualify for innocent spouse relief, you may be relieved of part or all of the joint liability. To request relief, you must file Form 8857, Request for Innocent Spouse Relief. For more information on innocent spouse relief, see Publication 971, Innocent Spouse Relief, and Form 8857.

Potential third party contacts. Generally, the IRS will deal directly with you or your duly authorized representative. However, we sometimes talk with other persons if we need information that you have been unable to provide, or to verify information we have received. If we do contact other persons, such as a neighbor, bank, employer, or employees, we will generally need to tell them limited information, such as your name. The law prohibits us from disclosing any more information than is necessary to obtain or verify the information we are seeking. Our need to contact other persons may continue as long as there is activity in your case. If we do contact other persons, you have a right to request a list of those contacted.

Refunds

You may file a claim for refund if you think you paid too much tax. You must generally file the claim within 3 years from the date you filed your original return or 2 years from the date you paid the tax, whichever is later. The law generally provides for interest on your refund if it is not paid within 45 days of the date you filed your return or claim for refund. Publication 556, Examination of Returns, Appeal Rights, and Claims for Refund, has more information on refunds.

If you were due a refund but you did not file a return, you generally must file your return within 3 years from the date the return was due (including extensions) to get that refund.

Taxpayer Advocate Service

TAS is an independent organization within the IRS that can help protect your taxpayer rights. We can offer you help if your tax problem is causing a hardship, or you've tried but haven't been able to resolve your problem with the IRS. If you qualify for our assistance, which is always free, we will do everything possible to help you. Visit taxpayeradvocate.irs.gov or call 1-877-777-4778.

Tax Information

The IRS provides the following sources for forms, publications, and additional information.

- *Internet*: IRS.gov.

- *Tax Questions*:
  www.irs.gov/uac/Tax-Law-Questions and
  How To Get Tax Help below.

- *Forms and Publications*:
  www.irs.gov/formspubs and
  www.irs.gov/orderforms.

- *Small Business Ombudsman*: A small business entity can participate in the regulatory process and comment on enforcement actions of IRS by calling 1-888-REG-FAIR.

- *Treasury Inspector General for Tax Administration*: You can confidentially report misconduct, waste, fraud, or abuse by an IRS employee by calling 1-800-366-4484 (1-800-877-8339 for TTY/TDD). You can remain anonymous.

How To Get Tax Help

If you have questions about a tax issue, need help preparing your tax return, or want to download free publications, forms, or instructions, go to IRS.gov and find resources that can help you right away.

Preparing and filing your tax return.   Find free options to prepare and file your return on IRS.gov or in your local community if you qualify.

- Go to IRS.gov and click on the Filing tab to see your options.

- Enter "Free File" in the search box to see whether you can use brand-name software to prepare and *e-file* your federal tax return for free.

- Enter "VITA" in the search box, download the free IRS2Go app, or call 1-800-906-9887 to find the nearest Volunteer Income Tax Assistance or Tax Counseling for the Elderly (TCE) location for free tax preparation.

- Enter "TCE" in the search box, download the free IRS2Go app, or call 1-888-227-7669 to find the nearest Tax Counseling for the Elderly location for free tax preparation.

  The Volunteer Income Tax Assistance (VITA) program offers free tax help to people who generally make $54,000 or less, persons with disabilities, the elderly, and limited-English-speaking taxpayers who need help preparing their own tax returns. The Tax Counseling for the Elderly (TCE) program offers free tax help for all taxpayers, particularly those who are 60 years of age and older. TCE volunteers specialize in answering questions about pensions and retirement-related issues unique to seniors.

Getting answers to your tax law questions.   On IRS.gov get answers to your tax questions anytime, anywhere.

- Go to www.irs.gov/Help-&-Resources for a variety of tools that will help you with your taxes.

- Enter "ITA" in the search box on IRS.gov for the Interactive Tax Assistant, a tool that will ask you questions on a number of tax law topics and provide answers. You can print the entire interview and the final response.

- Additionally, you may be able to access tax law information in your electronic filing software.

Tax forms and publications.   You can download or print all of the forms and publications you may need on www.irs.gov/formspubs. Otherwise, you can go to www.irs.gov/orderforms to place an order and have forms mailed to you. You should receive your order within 10 business days.

Direct deposit.   The fastest way to receive a tax refund is by combining direct deposit and IRS *e-file*. Direct deposit securely and electronically transfers your refund directly into your financial account. Eight in 10 taxpayers use direct deposit to receive their refund. The majority of refunds are received within 21 days or less.

Getting a transcript or copy of a return.

- Go to IRS.gov and click on "Get Transcript of Your Tax Records" under "Tools."

- Call the transcript toll-free line at 1-800-908-9946.

- Mail Form 4506-T or Form 4506T-EZ (both available on IRS.gov).

Using online tools to help prepare your return.   Go to IRS.gov and click on the Tools bar to use these and other self-service options.

- The Earned Income Tax Credit Assistant determines if you are eligible for the EIC.

- The Online EIN Application helps you get an employer identification number.

- The IRS Withholding Calculator estimates the amount you should have withheld from your paycheck for federal income tax purposes.

- The Electronic Filing PIN Request helps to verify your identity when you do not have your prior year AGI or prior year self-selected PIN available.

- The First Time Homebuyer Credit Account Look-up tool provides information on your repayments and account balance.

  For help with the alternative minimum tax, go to www.irs.gov/AMT.

Understanding identity theft issues.

- Go to www.irs.gov/uac/Identity-Protection for information and videos.

- If your SSN has been lost or stolen or you suspect you are a victim of tax-related identity theft, visit www.irs.gov/identitytheft to learn what steps you should take.

Checking on the status of a refund.

- Go to www.irs.gov/refunds.

- Download the free IRS2Go app to your smart phone and use it to check your refund status.

- Call the automated refund hotline at 1-800-829-1954.

Making a tax payment.   The IRS uses the latest encryption technology so electronic payments are safe and secure. You can make electronic payments online, by phone, or from a mobile device. Paying electronically is quick, easy, and faster than mailing in a check or money order. Go to www.irs.gov/payments to make a payment using any of the following options.

- IRS Direct Pay (for individual taxpayers who have a checking or savings account).

- **Debit or credit card** (approved payment processors online or by phone).

- Electronic Funds Withdrawal (available during *e-file*).

- **Electronic Federal Tax Payment System** (best option for businesses; enrollment required).

- **Check or money order.**

- IRS2Go provides access to mobile-friendly payment options like IRS Direct Pay, offering you a free, secure way to pay directly from your bank account. You can also make debit or credit card payments through an approved payment processor. Simply download IRS2Go from Google Play, the Apple App Store, or the Amazon Appstore, and make your payments anytime, anywhere.

What if I can't pay now?   Click on the "Pay Your Tax Bill" icon on IRS.gov for more information about these additional options.

- Apply for an online payment agreement to meet your tax obligation in monthly installments if you cannot pay your taxes in full today. Once you complete the online process, you will receive immediate notification of whether your agreement has been approved.

- An offer in compromise allows you to settle your tax debt for less than the full amount you owe. Use the Offer in Compromise Pre-Qualifier to confirm your eligibility.

Checking the status of an amended return.   Go to IRS.gov and click on the Tools tab and then Where's My Amended Return?

Understanding an IRS notice or letter.   Enter "Understanding your notice" in the search box on IRS.gov to find additional information about your IRS notice or letter.

Visiting the IRS.   Locate the nearest Taxpayer Assistance Center using the Office Locator tool on IRS.gov. Enter "office locator" in the search box. Or choose the "Contact Us" option on the IRS2Go app and search Local Offices. Before you visit, use the Locator tool to check hours and services available.

Watching IRS videos.   The IRS Video portal www.irsvideos.gov contains video and audio presentations for individuals, small businesses, and tax professionals. You'll find video clips of tax topics, archived versions of live panel discussions and Webinars, and audio archives of tax practitioner phone forums.

Getting tax information in other languages.   For taxpayers whose native language is not English, we have the following resources available.

1. Taxpayers can find information on IRS.gov in the following languages.

   a. Spanish.

   b. Chinese.

   c. Vietnamese.

   d. Korean.

   e. Russian.

2. The IRS Taxpayer Assistance Centers provide over-the-phone interpreter service in over 170 languages, and the service is available free to taxpayers.

The Taxpayer Advocate Service Is Here To Help You

What is the Taxpayer Advocate Service?

The Taxpayer Advocate Service (TAS) is an independent organization within the Internal Revenue Service that helps taxpayers and protects taxpayer rights. Our job is to ensure that every taxpayer is treated fairly and that you know and understand your rights under the Taxpayer Bill of Rights.

What Can the Taxpayer Advocate Service Do For You?

We can help you resolve problems that you can't resolve with the IRS. And our service is free. If you qualify for our assistance, you will be assigned to one advocate who will work with you throughout the process and will do everything possible to resolve your issue. TAS can help you if:

- Your problem is causing financial difficulty for you, your family, or your business,

- You face (or your business is facing) an immediate threat of adverse action, or

- You've tried repeatedly to contact the IRS but no one has responded, or the IRS hasn't responded by the date promised.

How Can You Reach Us?

We have offices in every state, the District of Columbia, and Puerto Rico. Your local advocate's number is in your local directory and at www.taxpayeradvocate.irs.gov. You can also call us at 1-877-777-4778.

How Can You Learn About Your Taxpayer Rights?

The Taxpayer Bill of Rights describes ten basic rights that all taxpayers have when dealing with the IRS. Our Tax Toolkit at www.taxpayeradvocate.irs.gov can help you understand what these rights mean to you and how they apply. These are your rights. Know them. Use them.

How Else Does the Taxpayer Advocate Service Help Taxpayers?

TAS works to resolve large-scale problems that affect many taxpayers. If you know of one of these broad issues, please report it to us at www.irs.gov/sams.

Low Income Taxpayer Clinics

Low Income Taxpayer Clinics (LITCs) serve individuals whose income is below a certain level and need to resolve tax problems such as audits, appeals, and tax collection disputes. Some clinics can provide information about taxpayer rights and responsibilities in different languages for individuals who speak English as a second language. To find a clinic near you, visit www.irs.gov/litc or see IRS Publication 4134, Low Income Taxpayer Clinic List.

Where To File

Mail your return to the address shown below that applies to you. If you want to use a private delivery service, see *Private delivery services* in chapter 1.

Envelopes without enough postage will be returned to you by the post office. Your envelope may need additional postage if it contains more than five pages or is oversized (for example, it is over 1/4 inch thick). Also, include your complete return address.

			AND use the zip code below according to the form you are filing and whether you are enclosing payment		
			Form 1040	Form 1040A	Form 1040EZ

IF you live in...	THEN send your return to the address below if you are requesting a refund or are NOT enclosing a payment...	OR send your return to the address below if you ARE enclosing a payment (check or money order)...	No payment enclosed	Payment enclosed	No payment enclosed	Payment enclosed	No payment enclosed	Payment enclosed
Florida, Louisiana, Mississippi, Texas	Department of the Treasury Internal Revenue Service Austin, TX	Internal Revenue Service P.O. Box 1214 Charlotte, NC	73301–0002	28201–1214	73301–0015	28201–1214	73301–0014	28201–1214
Alaska, Arizona, California, Colorado, Hawaii, Idaho, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming	Department of the Treasury Internal Revenue Service Fresno, CA	Internal Revenue Service P.O. Box 7704 San Francisco, CA	93888–0002	94120–7704	93888–0015	94120–7704	93888–0014	94120–7704
Arkansas, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Montana, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Wisconsin	Department of the Treasury Internal Revenue Service Fresno, CA	Internal Revenue Service P.O. Box 802501 Cincinnati, OH	93888–0002	45280–2501	93888–0015	45280–2501	93888–0014	45280–2501
Alabama, Georgia, Kentucky, New Jersey, North Carolina, South Carolina, Tennessee, Virginia	Department of the Treasury Internal Revenue Service Kansas City, MO	Internal Revenue Service P.O. Box 931000 Louisville, KY	64999–0002	40293–1000	64999–0015	40293–1000	64999–0014	40293–1000
Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, Missouri, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, West Virginia	Department of the Treasury Internal Revenue Service Kansas City, MO	Internal Revenue Service P.O. Box 37008 Hartford, CT	64999–0002	06176–7008	64999–0015	06176–7008	64999–0014	06176–7008
A foreign country, U.S. possession or territory*, or use an APO or FPO address, or file Form 2555, 2555-EZ, or 4563, or are a dual-status alien	Department of the Treasury Internal Revenue Service Austin, TX	Internal Revenue Service P.O. Box 1303 Charlotte, NC	73301–0215	28201–1303	73301–0215	28201–1303	73301–0215	28201–1303
* If you live in American Samoa, Puerto Rico, Guam, the U.S. Virgin Islands, or the Northern Mariana Islands, see Pub. 570.								

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