Table 34: Periodic Table Of Primes (PTOP)

The Periodic Table of Primes
A Solution to Euler's "strong" form of the Goldbach Conjecture

Σ# of 3,5 PP sets	Prime Pair Sets (2+2=4 the first set is not included)															EVEN #s	Σ PP #s
	3	5	7	11	13	17	19	23	29	31	37	41	43	47	53		
1	3+3															6	1
2	3+5															8	1
3	3+7	5+5														10	2
		5+7														12	1
4	3+11		7+7													14	2
5	3+13	5+11														16	2
		5+13	7+11													18	2
6	3+17		7+13													20	2
7	3+19	5+17		11+11												22	3
		5+19	7+17	11+13												24	3
8	3+23		7+19		13+13											26	3
		5+23		11+17												28	2
			7+23	11+19	13+17											30	3
9	3+29				13+19											32	2
10	3+31	5+29		11+23		17+17										34	4
		5+31	7+29		13+23	17+19										36	4
			7+31				19+19									38	2
11	3+37			11+29		17+23										40	3
		5+37		11+31	13+29		19+23									42	4
12	3+41		7+37		13+31											44	3
13	3+43	5+41				17+29		23+23								46	4
		5+43	7+41	11+37		17+31	19+29									48	5
14	3+47		7+43		13+37		19+31									50	4
		5+47		11+41				23+29								52	3
			7+47	11+43	13+41	17+37		23+31								54	5
15	3+53				13+43		19+37									56	3
		5+53		11+47		17+41			29+29							58	4
			7+53		13+47	17+43	19+41	23+37	29+31							60	6
16	3+59						19+43			31+31						62	3
17	3+61	5+59		11+53		17+47		23+41								64	5
		5+61	7+59	13+53		19+47	23+43	29+37								66	6
			7+61							31+37						68	2
18	3+67			11+59		17+53		23+47	29+41							70	5
		5+67		11+61	13+59		19+53		29+43	31+41						72	6
19	3+71		7+67		13+61					31+43	37+37					74	5
20	3+73	5+71				17+59		23+53	29+47							76	5
		5+73	7+71	11+67		17+61	19+59			31+47	37+41					78	7
			7+73		13+67		19+61				37+43					80	4
21	3+79			11+71				23+59	29+53			41+41				82	5
		5+79		11+73	13+71	17+67		23+61		31+53	37+47	41+43				84	8
22	3+83		7+79		13+73		19+67						43+43			86	5
		5+83				17+71			29+59			41+47				88	4
			7+83	11+79		17+73	19+71	23+67	29+61	31+59	37+53		43+47			90	9
23	3+89				13+79		19+73			31+61						92	4
		5+89		11+83				23+71				41+53		47+47		94	5
			7+89		13+83	17+79		23+73	29+67		37+59		43+53			96	7
							19+79			31+67	37+61					98	3
24	3+97			11+89		17+83			29+71			41+59		47+53		100	6

<———Σ# of **3,5** PP sets (NOT Row #) that run diagonally from top left to bottom right, sequentially numbered: 1,2,3,… Some EVEN #s have no 3,5 set, starting with 5,7, or other.

3 <———This Column holds all the **3,_** PP sets, i.e., the first # in the set is fixed at a constant **3**.

5 <———This Column holds all the **5,_** PP sets, i.e., the first # in the set is fixed at a constant **5**.

7 <———This Column holds all the **7,_** PP sets, i.e., the first # in the set is fixed at a constant **7**.

11 <———This Column holds all the **11_** PP sets, i.e., the first # in the set is fixed at a constant **11**.

13 <———This Column holds all the **13,_** PP sets, i.e., the first # in the set is fixed at a constant **13**.

17 <———This Column holds all the **17,_** PP sets, i.e., the first # in the set is fixed at a constant **17**.

19 <———This Column holds all the **19,_** PP sets, i.e., the first # in the set is fixed at a constant **19**.

23 <———This Column holds all the **23,_** PP sets, i.e., first # in the set is fixed at a constant **23**.

29 <———This Column holds all the **29,_** PP sets, i.e., first # in the set is is fixed at **29**.

31 <———This Column holds all the **31,_** PP sets, first # iin the set fixed at**31**.

37 <———This Column holds all the **37,_** PP sets, first # fixed at **37**

41 <———This Column holds all the **41,_** PP sets.

43 <———This Column holds all the **43_**

47 <—Column holds all **47**

The table extends beyond what is shown here, so naturally not all the members of the first Column will be seen here. As the table is expanded, their values (>14)will fall in place. <———

Column in BLUE holds the sequence of **EVEN** Numbers — ——>———>———>———>———>———>———>———>

Σ of the # of various PP sets added up when going horizontally across the Row that will form the **EVEN** Number. ———>———>———>———>———>———>———>———>