

Sums across a range of sheets

The last tip showed a sheet with detail lines at the bottom and results summed by month at the top. We have individual sheets with names ranging from Dilbert to Wally. We wish to sum the results in a table similar to the summary at the top of each sheet. The temptation is to just start typing in the formula bar referencing each sheet one at a time getting something like:

= Dilbert!G5 + MrClean!G5 + ... + Wally!G5

This gets a little tiresome after a while. We also have a long formula to verify later. When personnel changes occur we will delete or add individual sheets and we will have to edit and verify each formula again. Look at the formula for the current cell in the following summary spreadsheet.

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I
1			FICA Wages	Total Wages	2202 Withhold	2201 FICA	2218 Medicare	Employer Tax 5266	IRS Total
2	January		1823.19	3978.11	559.67	113.04	26.44	139.47	838.62
3	February		1884.18	4039.10	564.77	116.81	27.33	144.14	853.05
4	March		2002.38	4157.30	586.97	124.15	29.02	153.19	893.33
5	April		1190.50	3345.42	542.00	73.81	17.27	91.07	724.15
6	May		1859.82	4014.74	558.11	115.31	26.96	142.28	842.66
7	June		2345.74	4500.66	577.73	145.44	34.02	179.44	936.63
8	July		2162.31	4317.23	568.92	134.07	31.35	165.41	899.75
9	August		1050.89	2128.35	281.06	65.14	15.24	80.41	441.85
10	September		0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	October		0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	November		0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	December		0.00	0.00	0.00	0.00	0.00	0.00	0.00
14									
15	1st qtr		5709.75	12174.51	1711.41	354.00	82.79	436.80	2585.00
16	2nd qtr		5396.06	11860.82	1677.84	334.56	78.25	412.79	2503.44
17	3rd qtr		3213.20	6445.58	849.98	199.21	46.59	245.82	1341.60
18	4th qtr		0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Total		14319.01	30480.91	4239.23	887.77	207.63	1095.41	6430.04
20									
21									
22		015267 FICA	015211 Earnings	015262 Housing	Total	012202 Withhold	012201 FICA	012218 Medicare	Amount

The formula bar shows: =SUM(Dilbert:Wally!G5)

The formula, = SUM(Dilbert:Wally!G5) adds the value in cell G5 from every individual sheet. If a new sheet is added between Dilbert and Wally, it is automatically included in the sums.

Notice also that columns have been added to calculate employer contribution to Social Security and the amount of the check to the IRS. Quarterly summaries in rows 15 to 19 aid in filing appropriate IRS forms and individual summaries below that summarize W2 form information.