Useful Excel Formulas for CANS Analysis – Change in Actionable Items

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	Cans 31	Cans 32	Cans 33	Cans 34	Cans 35	Cans 36	Cans 37	Cans 38	Cans 39	Cans 40	Cans 41	Cans 42	Cans 43	# of 2s	# of 3s	# of AI
2	1	3	2	3	1	2	0	1	3	2	2	1	0	4	3	7

Count the Number of CANs Items that are rated a 2

=COUNTIF(K2:W2,2)

Note: K2:W2 refers to the range of cells you want to count

Solution = 4

Count the Number of CANs Items that are rated a 3

=COUNTIF(K2:W2,3)

Solution = 3

Sum of the Number of Actionable Items

❖ Use a sum function to add your results from above

=SUM(X2:Y2)

Solution = 7

	AA	AB	AC	AD
1	# of Opening LDF Act.	# of Closing LDF Act	Change in LDF	Outcome
2	7	3	1	Achieved

To Compare the # of Actionable Items at Closing to the # of Actionable Items at Opening

=IF(AB2<AA2,1,IF(AB2=AA2,2,IF (AB2>AA2,3)))

- ❖ Need to create a Key
  - o In the example above
    - ▪ 1 = Decrease (Improved)
    - ▪ 2 = No Change
    - ▪ 3 = Increase (Decrease)

Let's Turn it into Words-to Calculate the Outcome

- ❖ Outcome = Client's will show a decrease in the # of Actionable Items in Life Domain Functioning
- ❖ I want to know if the client in row #2 Achieved the outcome or Did not Achieve the outcome.

=IF(AC2=1,"Achieved",IF(AC2=2,"Not Achieved",IF(AC2=3,"Not Achieved")))