**CALCULATED COLUMN**

1. IF(COUNTIF('FSB'!D:D,'TSH'!$AQ1882)>0,"Y","N")

2. VLOOKUP(@AQ:AQ,'FSB'!D:L,9,0)

3. IF(COUNTIF('FRN'!D:D,'TSH'!$AQ1882)>0,"Y","N")

4. INDEX('FRN'!R:R,MATCH('TSH'!$AQ1882,'FRN'!D:D,0))

5. IF(COUNTIF('FE'!B:B,'TSH'!$AQ1882)>0,"Y","N")

6. INDEX('FE'!I:I,MATCH('TSH'!AQ1882,'FE'!B:B,0))

7. IF(OR(AR1882="Y",AY1882="Y",BA1882="Y"),"Y","N")

8. VLOOKUP(@AQ:AQ,'FSB'!D:K,8,0)

9. BD1882=H1882

10. VLOOKUP(@AQ:AQ,'FRN'!D:Q,14,0)

11. BF1883=H1883

12. VLOOKUP(@AQ:AQ,'FE'!B:H,7,0)

13. BH1883=H1883

14. VLOOKUP(C1883,'Comments Vlookup sheet'!A:F,3,0)

15. VLOOKUP(C1883,'Comments Vlookup sheet'!A:F,4,0)

16. VLOOKUP(C1883,'Comments Vlookup sheet'!A:F,5,0)

1. CONCAT('FSB'!$G2,", ",'FSB'!$H2,", ",'FSB'!$I2,", ",'FSB'!$J2,", ",'FSB'!$K2)

2.INDEX('TSH'!G:G,MATCH(D5376,'TSH'!AQ:AQ,0))

3.INDEX('TSH'!H:H,MATCH('FSB'!D5376,'TSH'!AQ:AQ,0))

4.T5376=K5376

5.IFERROR(VLOOKUP('FSB'!D5376,'Comments Vlookup sheet'!H:M,4,0),"No")

6.VLOOKUP(D5376,'Comments Vlookup sheet'!H:M,5,0)

7.VLOOKUP(D5376,'Comments Vlookup sheet'!H:M,6,0)

1.CONCAT('FRN'!$M484,", ",'FRN'!$N484,", ",'FRN'!$O484,", ",'FRN'!$P484,", ",'FRN'!$Q484)

2.INDEX('TSH'!G:G,MATCH(D484,'TSH'!AQ:AQ,0))

3.IFERROR(VLOOKUP(D484,'Comments Vlookup sheet'!T:V,3,0),"")

4.INDEX('TSH'!H:H,MATCH('FRN'!D484,'TSH'!AQ:AQ,0))

5.U484Q484

6.VLOOKUP(D484,'Comments Vlookup sheet'!O:R,2,0)

7.VLOOKUP(D484,'Comments Vlookup sheet'!O:R,2,0)

8.VLOOKUP(D484,'Comments Vlookup sheet'!O:R,4,0)

1.INDEX('TSH'!G:G,MATCH(B246,'TSH'!AQ:AQ,0))

2.INDEX('TSH'!H:H,MATCH('FE'!B246,'TSH'!AQ:AQ,0))

3.N246H246

**MEASURES**

1. COUNTIF('TSH -50'!D:D,">1")

2. COUNTIFS('FSB'!N$1:N$5376,"SB",'FSB'!P$1:P$5376,">1")

3. COUNTIFS('FSB'!N$1:N$5376,"SB",'FSB'!R$1:R$5376,">1")

4. COUNTIF('FRN'!I:I,">1")

5. COUNTIF('FE'!L:L,"AC")

COUNTIF('TSH'!BD:BD,"Y")

COUNTIF('TSH'!BD:BD,"N")

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C21)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C22)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C23)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C24)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C25)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C26)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C27)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C28)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C29)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C30)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C31)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C32)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C33)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C34)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C35)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C36)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,Summary!C37)

COUNTIFS('TSH'!BD:BD,"N",'TSH'!W:W,"")

D5-G15

COUNTIFS('FSB'!N$1:N$5376,"FSB",'FSB'!P$1:P$5376, ">1",'FSB'!T$1:T$5376,"#N/A")

D6-G18

COUNTIFS('FSB'!N$1:N$5376," FSB ",'FSB'!R$1:R$5376, ">1",'FSB'!T$1:T$5376,"#N/A")

COUNTIFS('FSB'!T$1:T$5376,"#n/a",'FSB'!#REF!,"not in -50",'FSB'!N$1:N$5376,"statB",'FSB'!P$1:P$5376,">1")

COUNTIFS('FSB'!T$1:T$5376,"#n/a",'FSB'!#REF!,"Missing -50",'FSB'!N$1:N$5376,"statB",'FSB'!P$1:P$5376,">1")

COUNTIFS('FSB'!T$1:T$5376,"#n/a",'FSB'!#REF!,"Different -50",'FSB'!N$1:N$5376," StatB",'FSB'!P$1:P$5376,">1")

COUNTIFS('FSB'!T$1:T$5376,"#n/a",'FSB'!#REF!,"Duplication",'FSB'!N$1:N$5376,"statB",'FSB'!P$1:P$5376,">1")

D7-J15

COUNTIF('FRN'!T:T,"#n/a")

COUNTIFS('FRN'!I:I,">1",'FRN'!T:T,"#n/a",'FRN'!U:U,"Not -50")

COUNTIFS('FRN'!I:I,">1",'FRN'!T:T,"#n/a",'FRN'!U:U,"Missing -50")

COUNTIFS('FRN'!I:I,">1",'FRN'!T:T,"#n/a",'FRN'!U:U,"Different -50")

D8-M15

COUNTIF('FE'!M:M,"#n/a")

COUNTIF('FE'!N:N,"Not -50")

COUNTIF('FE'!N:N,"Missing case -50")

COUNTIF('FE'!N:N,"Different case -50")