*Get the table of volume totalisateur*

*select* tb.sector\_name,  
 tb.station\_name,  
 tb.global\_grade,  
 tb.region\_name,  
 sum(*COALESCE*(tb.volume\_totalizator,0)) *AS* initial,  
 sum(*COALESCE*(tf.volume\_totalizator, 0)) *AS* final,  
 sum(*COALESCE*(tb.volume\_totalizator, 0)) - sum(*COALESCE*(tf.volume\_totalizator, 0)) *AS* diff  
*from* f\_totalizator('2023-06-01 15:15:00') tb  
*left outer join* f\_totalizator('2023-06-30 15:15:00') tf  
*on* tb.station\_name=tf.station\_name *and* tb.sector\_name=tf.sector\_name *and*tb.region\_name=tf.region\_name *and*tb.global\_grade=tf.global\_grade  
*group by* tb.sector\_name,  
 tb.station\_name,  
 tb.global\_grade,  
 tb.region\_name

get table of the transactions I use the view

*select* sum(tx) , sum(valumes) , station, global\_grade,secteur *from* transactions\_views  
*where* finish\_date *between* '2023/06/01 15:15:00' *and* '2023/06/30 15:15:00'  
*group by* station,global\_grade,secteur

total request

*select* tx.txs,  
 tx.volumes,  
 tb.sector\_name,  
 tb.station\_name,  
 tb.global\_grade,  
 tb.region\_name,  
 sum(*COALESCE*(tb.volume\_totalizator,0)) *AS* initial,  
 sum(*COALESCE*(tf.volume\_totalizator, 0)) *AS* final,  
 sum(*COALESCE*(tb.volume\_totalizator, 0)) - sum(*COALESCE*(tf.volume\_totalizator, 0)) *AS* diff  
*from* f\_totalizator('2023-06-01 15:15:00') tb  
*left outer join* f\_totalizator('2023-06-30 15:15:00') tf  
*on* tb.station\_name=tf.station\_name *and* tb.sector\_name=tf.sector\_name *and*tb.region\_name=tf.region\_name *and*tb.global\_grade=tf.global\_grade  
*left outer join*(  
 *select* sum(tx) *as* txs , sum(valumes) *as* volumes , station, global\_grade,secteur *from* transactions\_views  
*where* finish\_date *between* '2023/06/01 15:15:00' *and* '2023/06/30 15:15:00'  
*group by* station,global\_grade,secteur  
 ) *as* tx *on* tx.station =tb.station\_name *and*tx.global\_grade=tb.global\_grade *and*tx.secteur=tb.sector\_name  
*group by* tb.sector\_name,  
 tb.station\_name,  
 tb.global\_grade,  
 tb.region\_name,tx.volumes,  
 tx.txs

get tranks valeur

*select* tb.global\_grade\_name,  
 tb.region\_name,  
 tb.sector\_name,  
 tb.station\_name,  
 sum(*COALESCE*(tb.sum\_gauged,0)) *AS* initial,  
 sum(*COALESCE*(tf.sum\_gauged, 0)) *AS* final,  
 sum(*COALESCE*(tb.sum\_gauged, 0)) - sum(*COALESCE*(tf.sum\_gauged, 0)) *AS* diff  
*from* f\_tanks\_stock('2023-06-01 15:15:00') tb  
*left outer join* f\_tanks\_stock('2023-06-30 15:15:00') tf  
*on* tb.global\_grade\_name=tf.global\_grade\_name *and* tb.region\_name=tf.region\_name *and* tb.sector\_name=tf.sector\_name *and* tb.station\_name=tf.station\_name  
*group by* tb.global\_grade\_name,  
 tb.region\_name,  
 tb.sector\_name,  
 tb.station\_name

livraison

*select* \* *from* get\_delivery\_summary('2023-06-01 15:15:00' , '2023-06-30 15:15:00')

get livraison et tranks

*select* tb.global\_grade\_name,  
 tb.region\_name,  
 tb.sector\_name,  
 tb.station\_name,  
 *COALESCE*(gls.total\_volume,0) *as* Livraisons,  
 sum(*COALESCE*(tb.sum\_gauged,0)) *AS* Initial,  
 sum(*COALESCE*(tf.sum\_gauged, 0)) *AS* Final,  
 sum(*COALESCE*(tb.sum\_gauged, 0)) - sum(*COALESCE*(tf.sum\_gauged, 0)) *AS* Différence  
*from* f\_tanks\_stock('2023-06-01 15:15:00') tb  
*left outer join* f\_tanks\_stock('2023-06-30 15:15:00') tf  
 *on* tb.global\_grade\_name=tf.global\_grade\_name *and* tb.region\_name=tf.region\_name *and* tb.sector\_name=tf.sector\_name *and* tb.station\_name=tf.station\_name  
*left outer join* get\_delivery\_summary('2023-06-01 15:15:00' , '2023-06-30 15:15:00') gls *on* gls.station\_name = tb.station\_name *and* gls.region\_name = tb.region\_name *and* gls.gg\_name = tb.global\_grade\_name *and* gls.sector\_name = tb.sector\_name  
*group by* tb.global\_grade\_name,  
 tb.region\_name,  
 tb.sector\_name,  
 tb.station\_name,  
 gls.total\_volume