

## CRRI Database Project 212: Bucket CRs Phase 2 - Split Sites

*Project 204. Bucket Active P/S by Next CR Month* added to the query database the ability to count future and past CRs for sites and protocols. This is fine for projecting the work of the IRB, but since the site counts are made up of an uncertain and shifting mix of initial site CRs and subsequent site CRs, this would tend to over-report income because initial site CRs are not billed.

There is a business need to change the queries that pull site CRs to track and count both initial and subsequent CRs separately. An additional layer of aggregation would be useful to bring together all 3 sets of CR counts, into a single query for bucketed CRs.

Project 204 (Bucketing Phase 1.) created the following objects.

<b>“CRRI” SQL Server database</b>	<b>“CRRI Query” Application</b>
vewActivePNextCRByYYYYMM	qryAcct_ActivePNextCRByYYYYMM
vewActivePNextCRByYYYYMM_Count	qryAcct_ActivePNextCRByYYYYMM_Count
vewActivePNextCRByYYYYMM_CTFuture	qryAcct_ActivePNextCRByYYYYMM_CTFuture
vewActiveSNextCRByYYYYMM	qryAcct_ActiveSNextCRByYYYYMM
vewActiveSNextCRByYYYYMM_Count	qryAcct_ActiveSNextCRByYYYYMM_Count
vewActiveSNextCRByYYYYMM_CTFuture	qryAcct_ActiveSNextCRByYYYYMM_CTFuture
vewPreviousPCRByYYYYMM	qryAcct_PreviousPCRByYYYYMM
vewPreviousPCRByYYYYMM_Count	qryAcct_PreviousPCRByYYYYMM_Count
vewPreviousPCRByYYYYMM_CTPast	qryAcct_PreviousPCRByYYYYMM_CTPast
vewPreviousSCRByYYYYMM	qryAcct_PreviousSCRByYYYYMM
vewPreviousSCRByYYYYMM_Count	qryAcct_PreviousSCRByYYYYMM_Count
vewPreviousSCRByYYYYMM_CTPast	qryAcct_PreviousSCRByYYYYMM_CTPast
vewActiveNextAndPreviousP_CTFuture *	qryAcct_ActiveNextAndPreviousP_CTAll
vewActiveNextAndPreviousS_CTFuture *	qryAcct_ActiveNextAndPreviousS_CTAll

Project 212 (Bucketing Phase 2.) will result in the splitting of the site-related objects into 2 objects, one for initial and one for subsequent. And a query to pull it all together into a single result set would be a really good idea. The exact names will probably change.

<b>“CRRI” SQL Server database</b>	<b>“CRRI Query” Application</b>
vewActivePNextCRByYYYYMM	qryAcct_ActivePNextCRByYYYYMM
vewActivePNextCRByYYYYMM_Count	qryAcct_ActivePNextCRByYYYYMM_Count
vewActivePNextCRByYYYYMM_CTFuture	qryAcct_ActivePNextCRByYYYYMM_CTFuture
<b>vewActiveSNextInitCRByYYYYMM</b>	<b>qryAcct_ActiveSNextInitCRByYYYYMM</b>
<b>vewActiveSNextInitCRByYYYYMM_Count</b>	<b>qryAcct_ActiveSNextInitCRByYYYYMM_Count</b>
<b>vewActiveSNextInitCRByYYYYMM_CTFuture</b>	<b>qryAcct_ActiveSNextInitCRByYYYYMM_CTFuture</b>
<b>vewActiveSNextSubsCRByYYYYMM</b>	<b>qryAcct_ActiveSNextSubCRByYYYYMM</b>
<b>vewActiveSNextSubsCRByYYYYMM_Count</b>	<b>qryAcct_ActiveSNextSubCRByYYYYMM_Count</b>
<b>vewActiveSNextSubsCRByYYYYMM_CTFuture</b>	<b>qryAcct_ActiveSNextSubCRByYYYYMM_CTFuture</b>
vewPreviousPCRByYYYYMM	qryAcct_PreviousPCRByYYYYMM
vewPreviousPCRByYYYYMM_Count	qryAcct_PreviousPCRByYYYYMM_Count
vewPreviousPCRByYYYYMM_CTPast	qryAcct_PreviousPCRByYYYYMM_CTPast
<b>vewPreviousSInitCRByYYYYMM</b>	<b>qryAcct_PreviousSInitCRByYYYYMM</b>
<b>vewPreviousSInitCRByYYYYMM_Count</b>	<b>qryAcct_PreviousSInitCRByYYYYMM_Count</b>
<b>vewPreviousSInitCRByYYYYMM_CTPast</b>	<b>qryAcct_PreviousSInitCRByYYYYMM_CTPast</b>
<b>vewPreviousSSubCRByYYYYMM</b>	<b>qryAcct_PreviousSSubCRByYYYYMM</b>
<b>vewPreviousSSubCRByYYYYMM_Count</b>	<b>qryAcct_PreviousSSubCRByYYYYMM_Count</b>
<b>vewPreviousSSubCRByYYYYMM_CTPast</b>	<b>qryAcct_PreviousSSubCRByYYYYMM_CTPast</b>
vewActiveNextAndPreviousP_CTFuture *	qryAcct_ActiveNextAndPreviousP_CTAll
<b>vewActiveNextAndPreviousSInit_CTFuture *</b>	<b>qryAcct_ActiveNextAndPreviousSInit_CTAll</b>
<b>vewActiveNextAndPreviousSSub_CTFuture *</b>	<b>qryAcct_ActiveNextAndPreviousSSub_CTAll</b>
<b>vewActiveNextAndPreviousCR_ALL</b>	<b>vewActiveNextAndPreviousCR_ALL</b>

The fields that are needed for the final query are very few: just CRBucket, CT\_Protocols, CT\_SiteInit, CT\_SiteSubs.

\* The “CTFuture” suffix is a misnomer, but since views are not seen by users, it doesn’t matter. The complementary query objects are named more correctly “CTAll”.