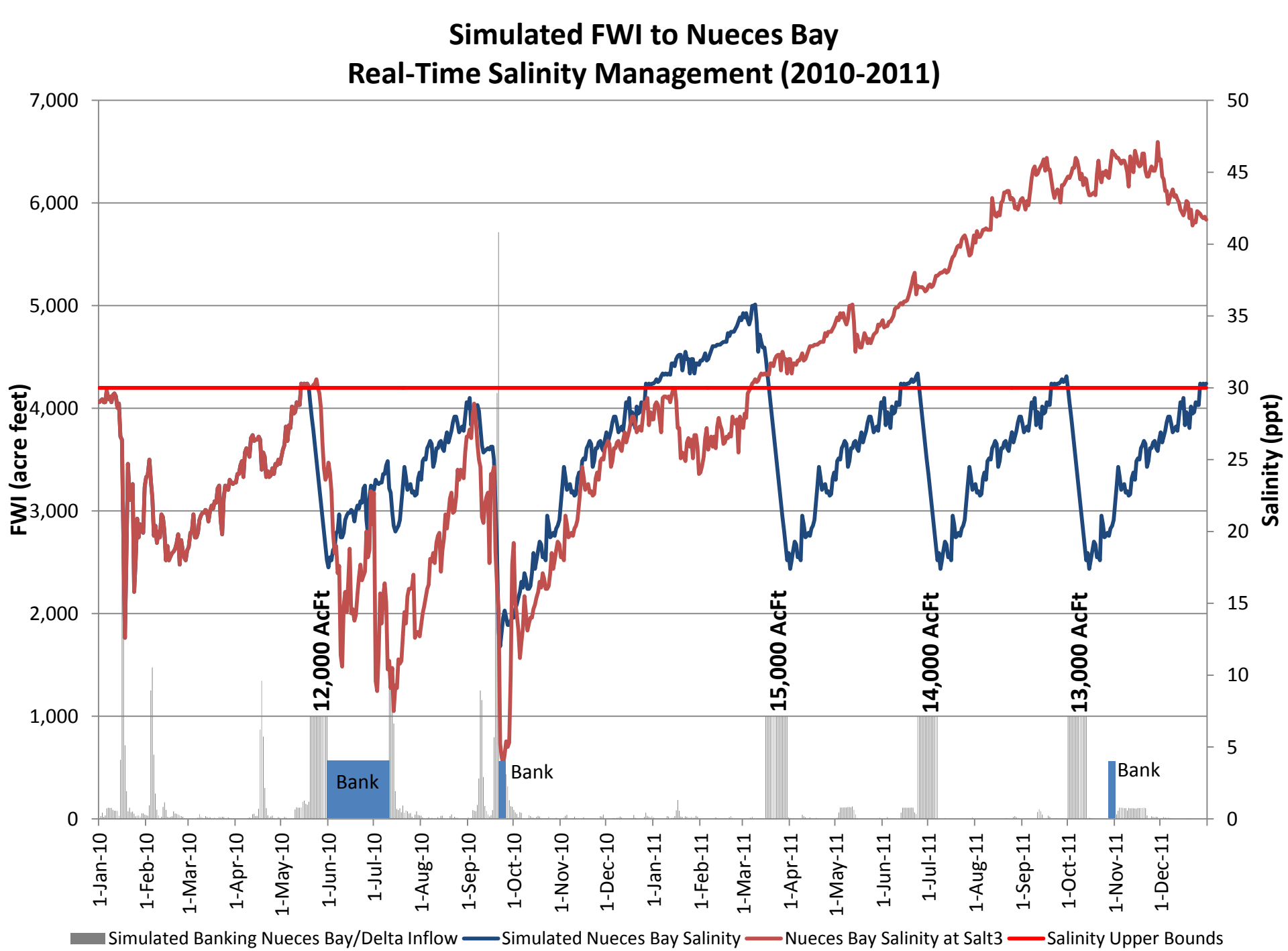
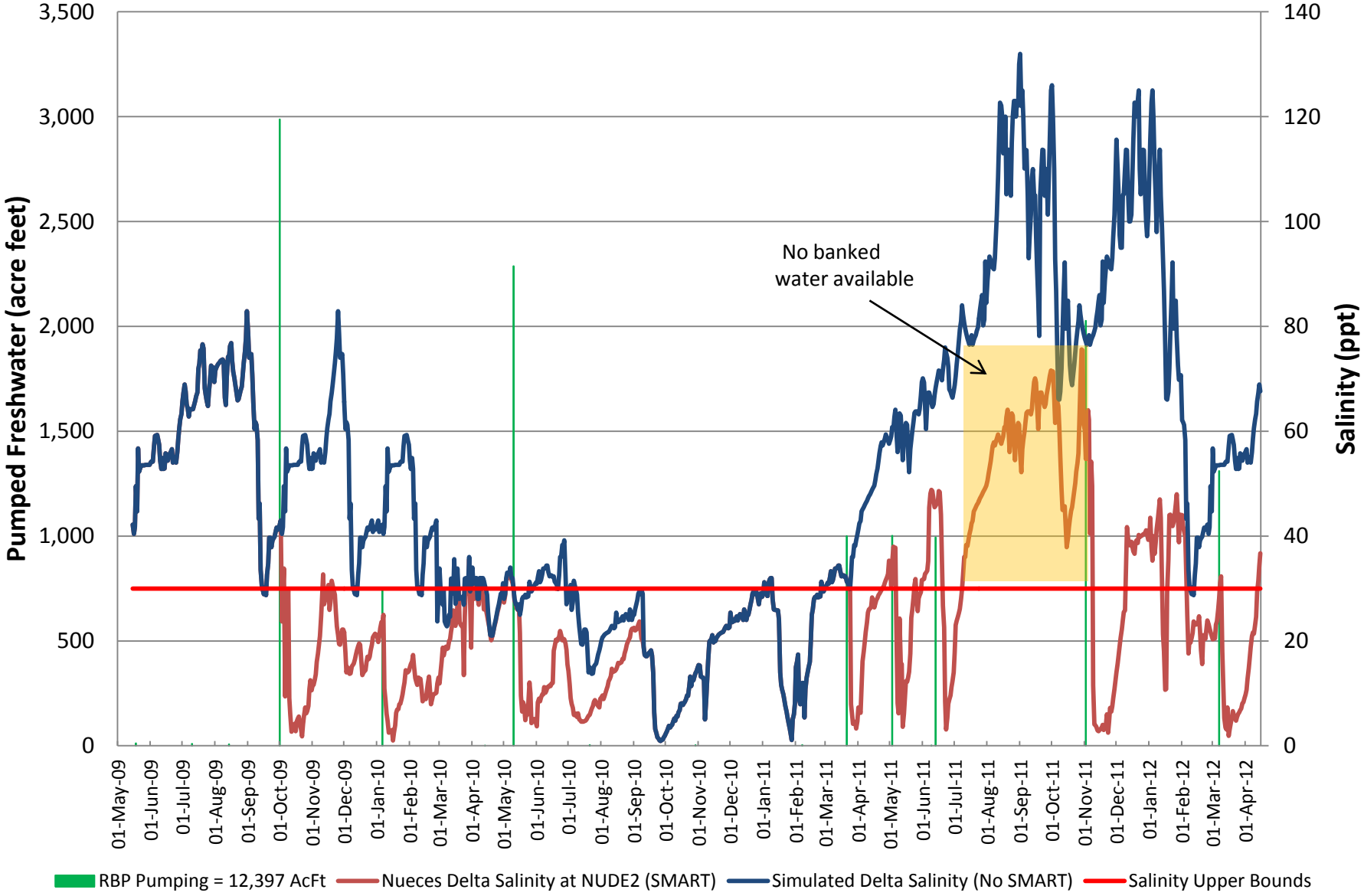
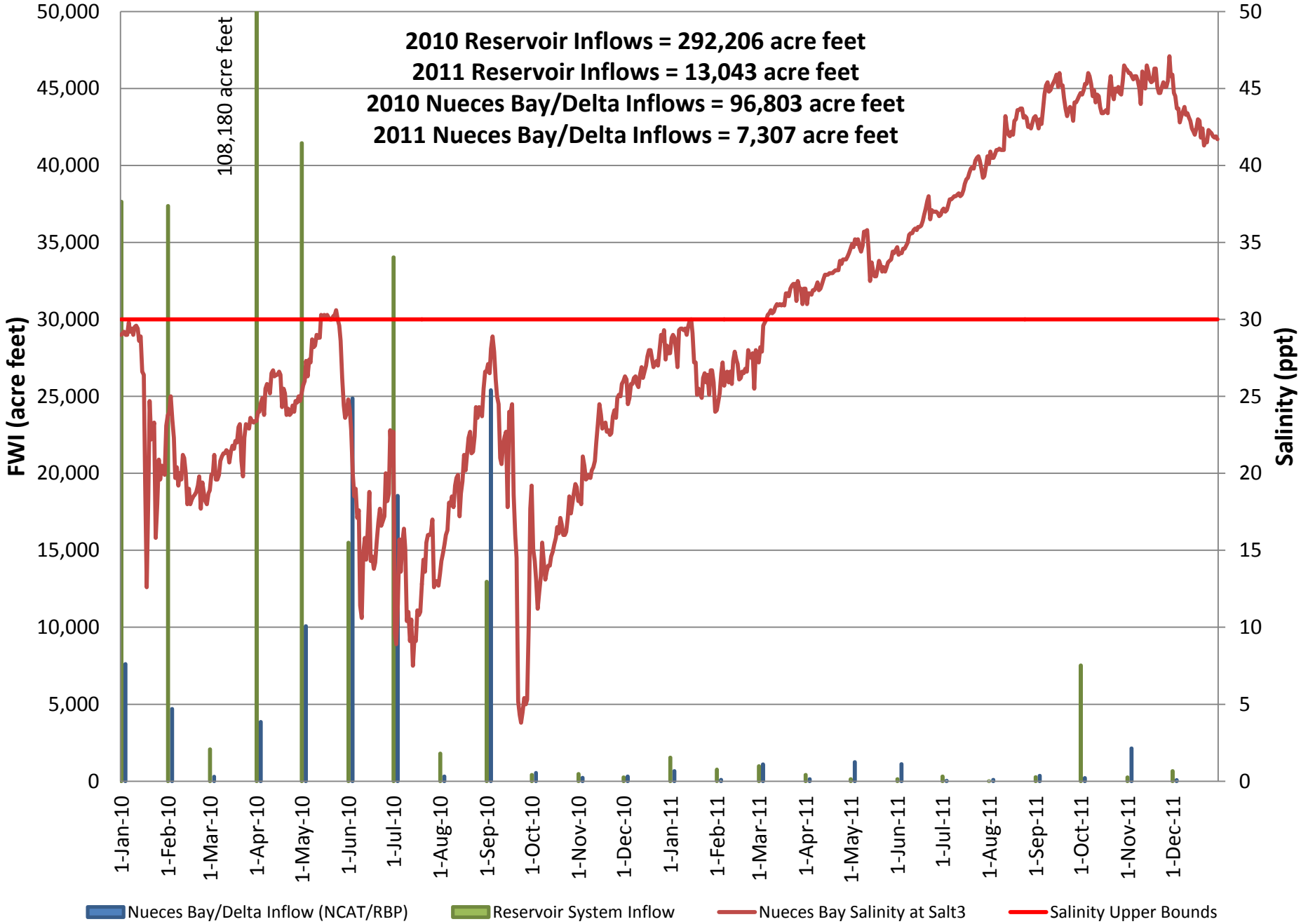

Simulated FWI to Nueces Bay
Real-Time Salinity Management (2010-2011)
FWI (acre feet)
Salinity (ppt)
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
50
45
40
35
30
25
20
15
10
5
0
12,000 AcFt
15,000 AcFt
14,000 AcFt
13,000 AcFt
Bank
Bank
Bank
1-Jan-10
1-Feb-10
1-Mar-10
1-Apr-10
1-May-10
1-Jun-10
1-Jul-10
1-Aug-10
1-Sep-10
1-Oct-10
1-Nov-10
1-Dec-10
1-Jan-11
1-Feb-11
1-Mar-11
1-Apr-11
1-May-11
1-Jun-11
1-Jul-11
1-Aug-11
1-Sep-11
1-Oct-11
1-Nov-11
1-Dec-11
Simulated Banking Nueces Bay/Delta Inflow
Simulated Nueces Bay Salinity
Nueces Bay Salinity at Salt3
Salinity Upper Bounds

Nueces Delta Salinity Monitoring and Real-Time (SMART) Inflow Management



Monthly FWI to Nueces Bay/Delta and Reservoir System (2010-2011)



2010	Reservoir System Inflows	NRMT Flow	M&I Diversion	LCC to Estuary	WSBLCC to Estu	NCAT/RBP Flow
Jan	37,649 AcFt	6,219 AcFt	4,296 AcFt	1,923 AcFt	5,703 AcFt	7,626 AcFt
Feb	37,374	3,613	3,641	-	4,698	4,698
Mar	2,083	4,141	4,730	-	300	300
Apr	108,180	4,532	4,856	-	3,856	3,856
May	41,458	18,546	5,894	12,652	0	10,139
Jun	15,500	31,405	7,558	23,847	1,019	24,866
Jul	34,043	14,607	4,472	10,135	8,413	18,548
Aug	1,805	6,189	6,216	-	312	312
Sep	12,969	10,983	4,231	6,752	18,660	25,412
Oct	414	4,536	4,690	-	551	551
Nov	480	4,242	4,811	-	230	230
Dec	251	3,736	4,638	-	309	309
Totals	**292,206**	**112,749**	**60,033**	**55,309**	**44,051**	**96,847**