Budget Formulation
System Performance Metrics

June 17, 2004

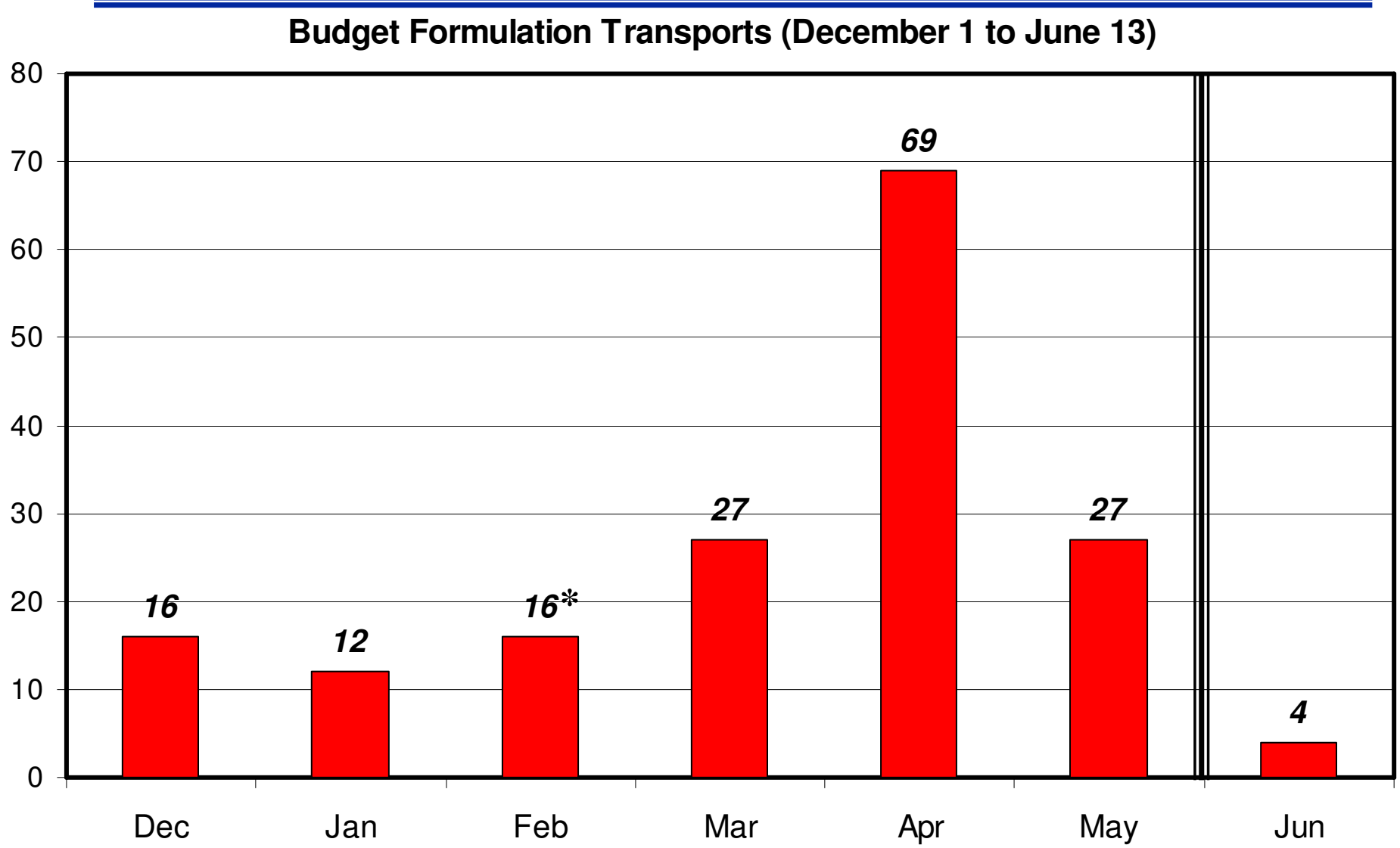
Budget Formulation Performance

Weekly Agenda

- Transports
- Server Utilization Data
- System Dialog Step and User Statistics
- Database Sizing
- Navigation & Query Statistics
- Top 20 Queries
- Future Charts (Peak Concurrent Users, Top 10 Queries)

Budget Formulation System

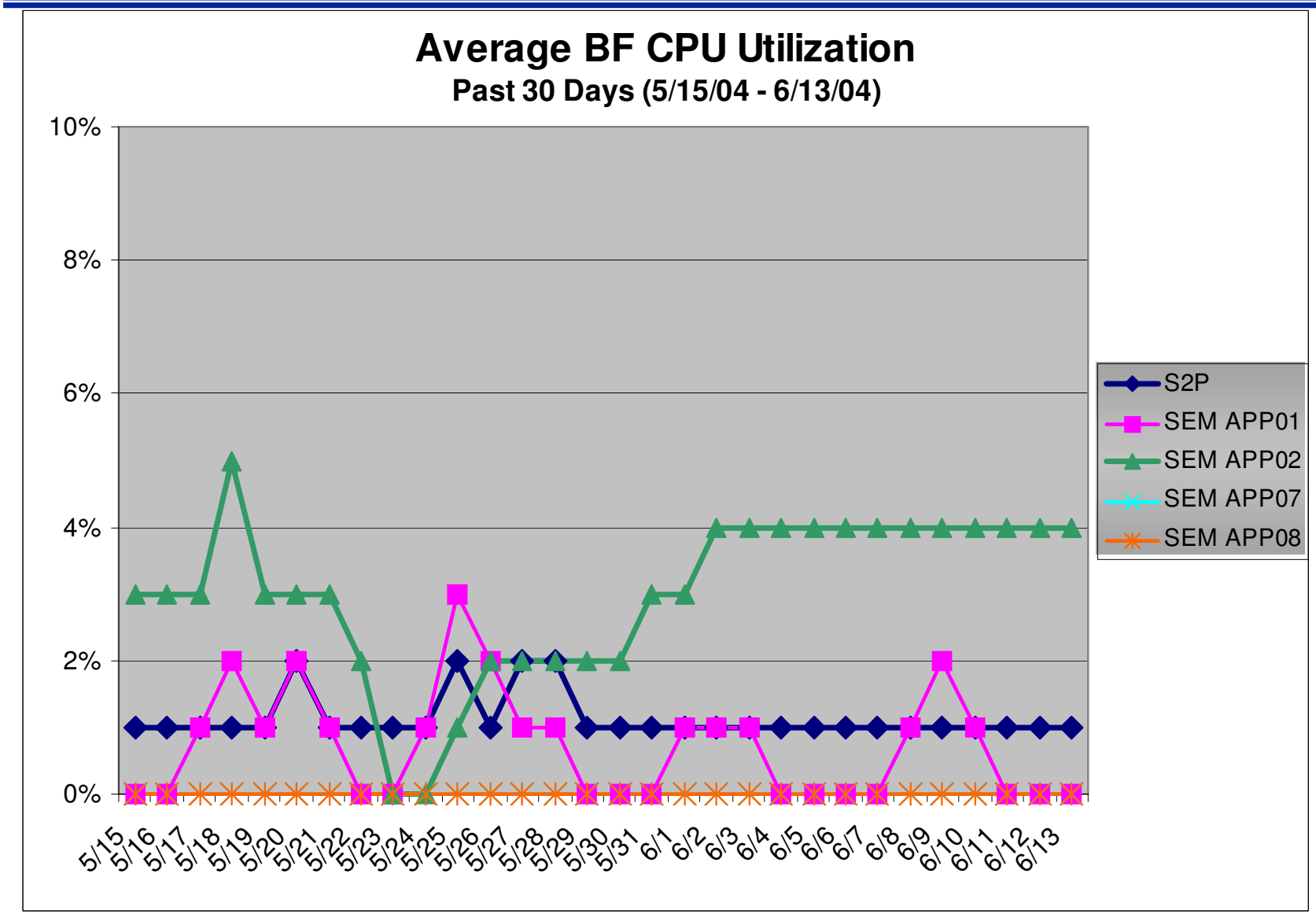
Transports by Month



*** - Excludes 206 Transports the week of 2/20 in preparation for Wave 0.5b Go-Live.**

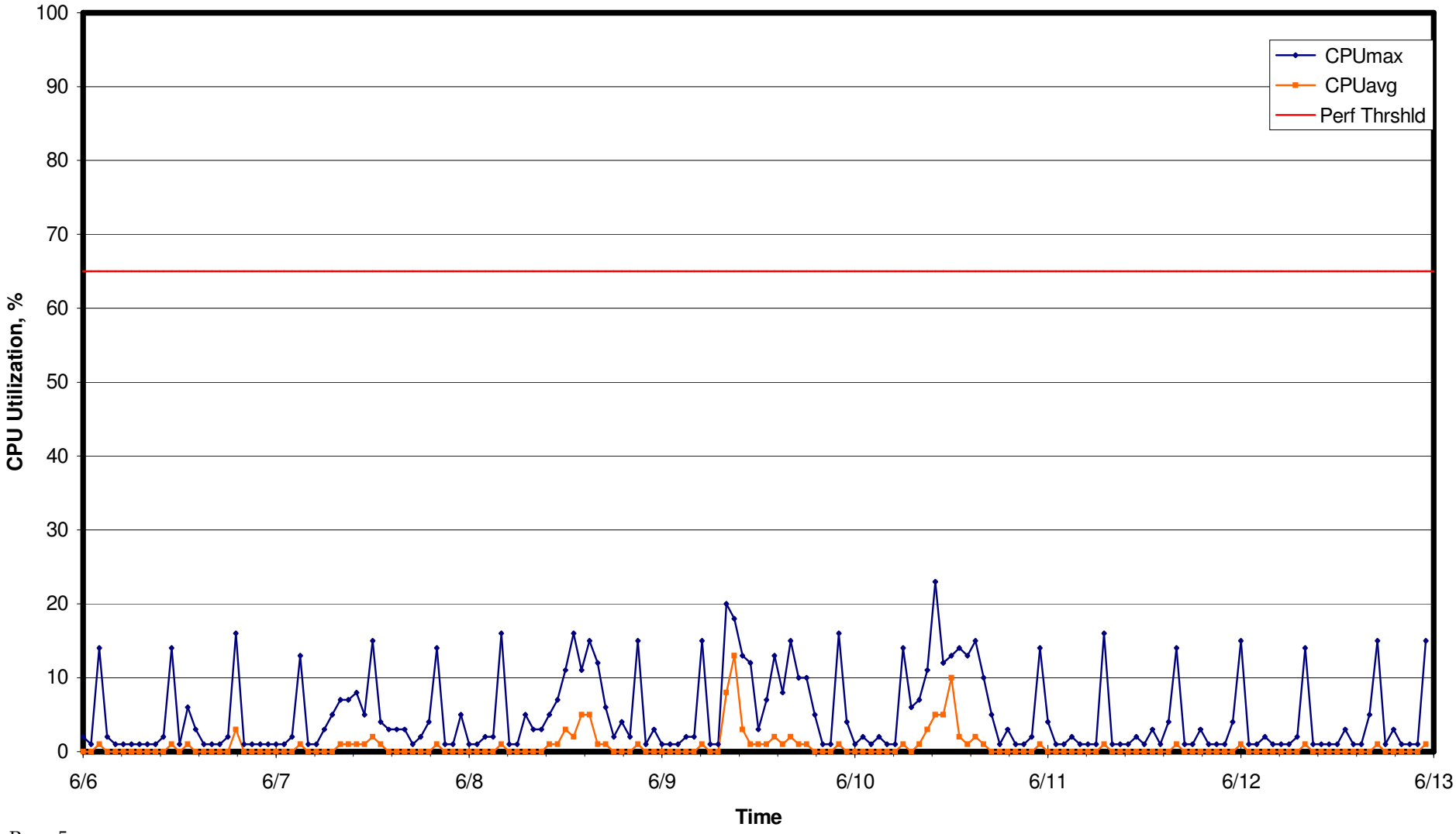
Budget Formulation System

System CPU Utilization



Budget Formulation System

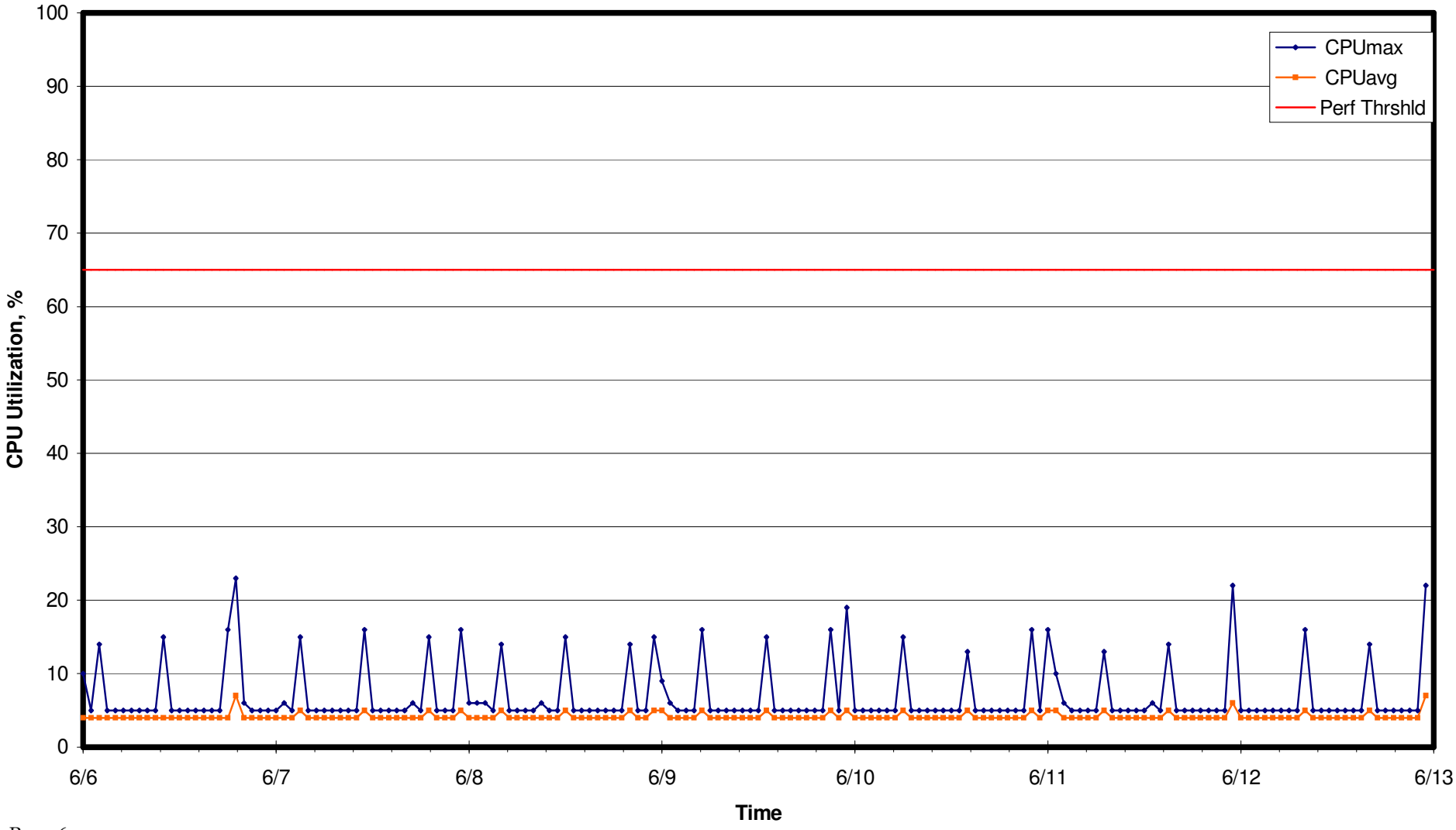
Application Server App01 CPU Statistics



Budget Formulation System

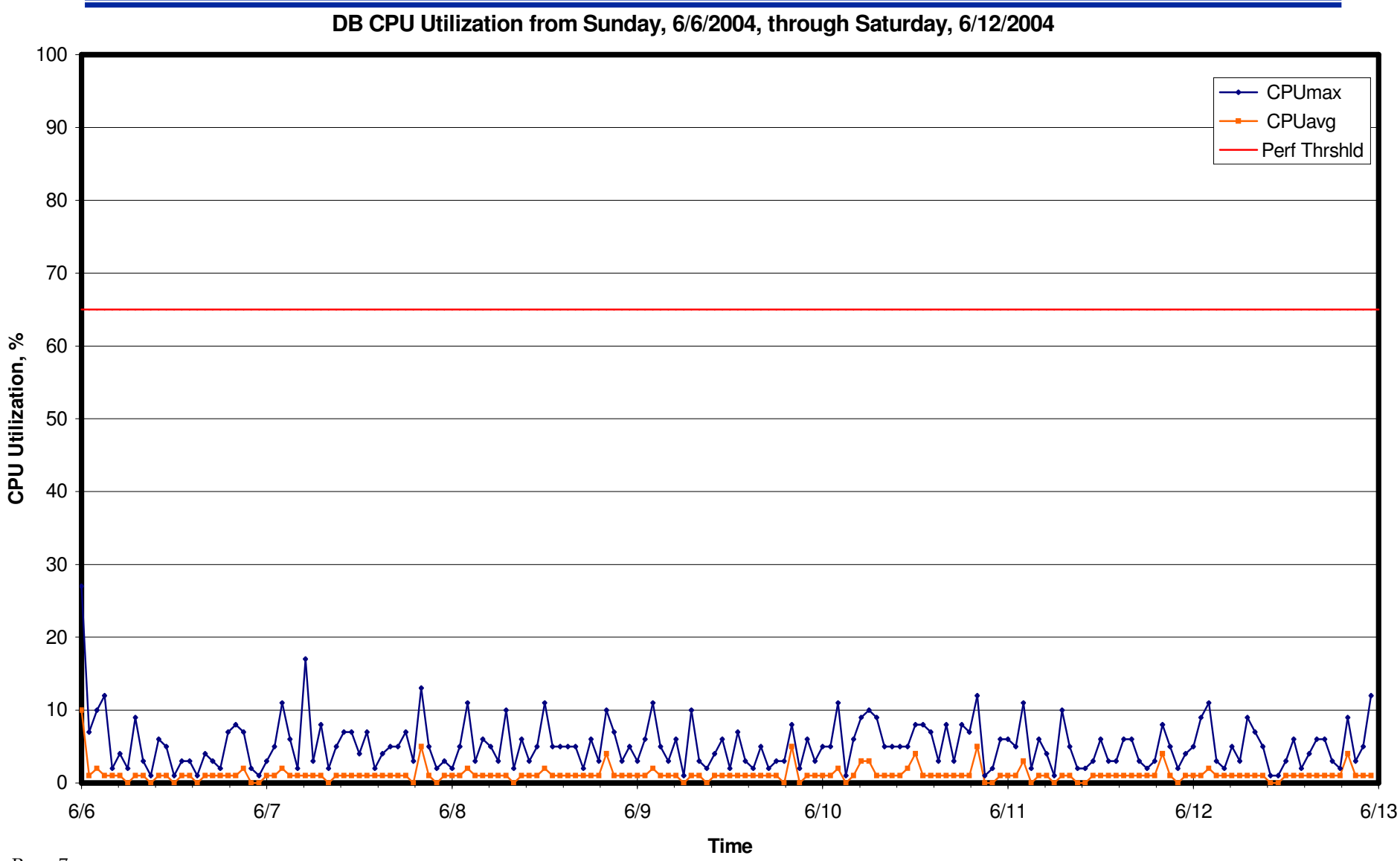
Application Server App02 CPU Statistics

App02 CPU Utilization from Sunday, 6/6/2004, through Saturday, 6/12/2004



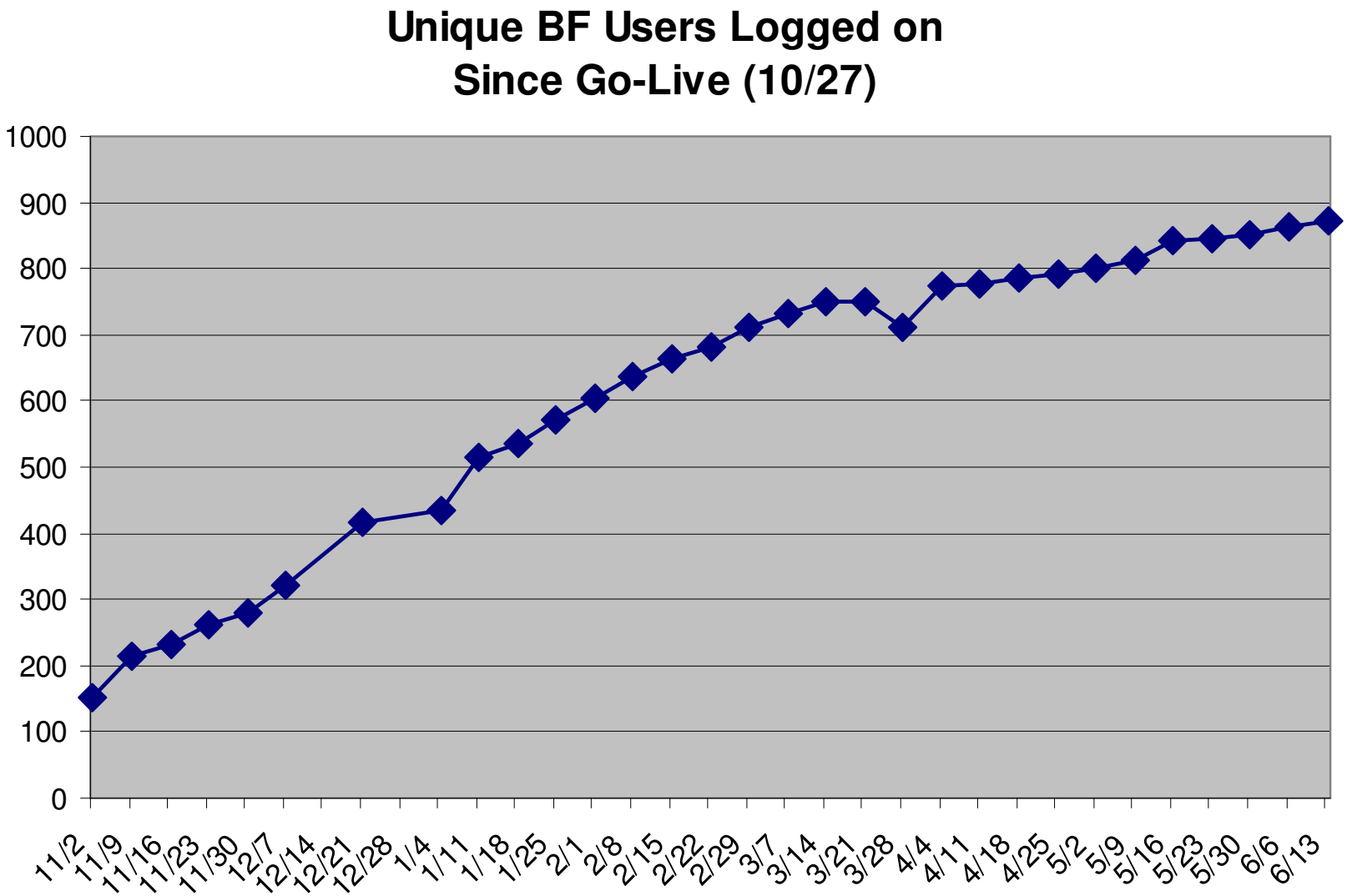
Budget Formulation System

DB Server CPU Utilization Statistics



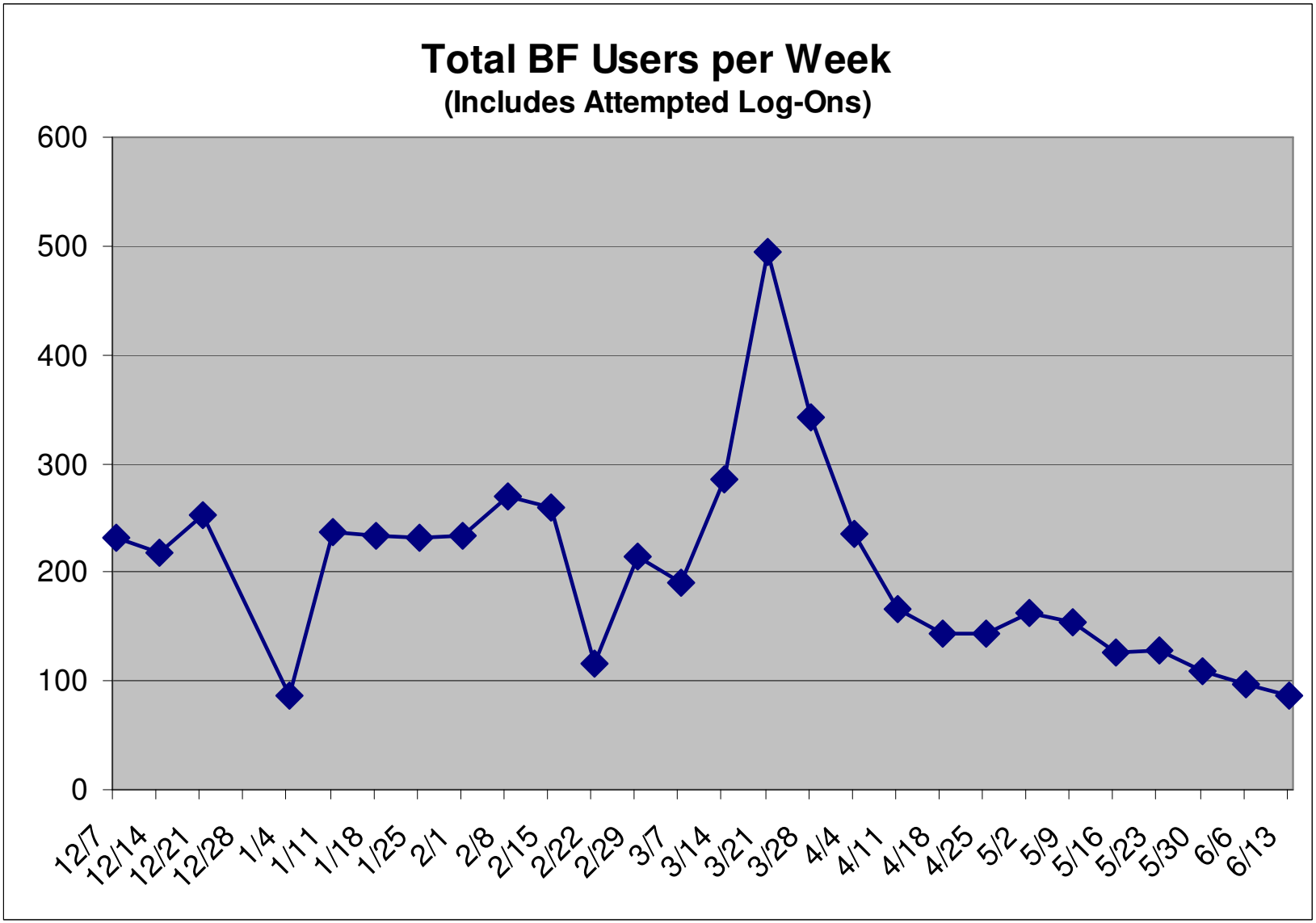
Budget Formulation System

Unique Users Since Go-Live



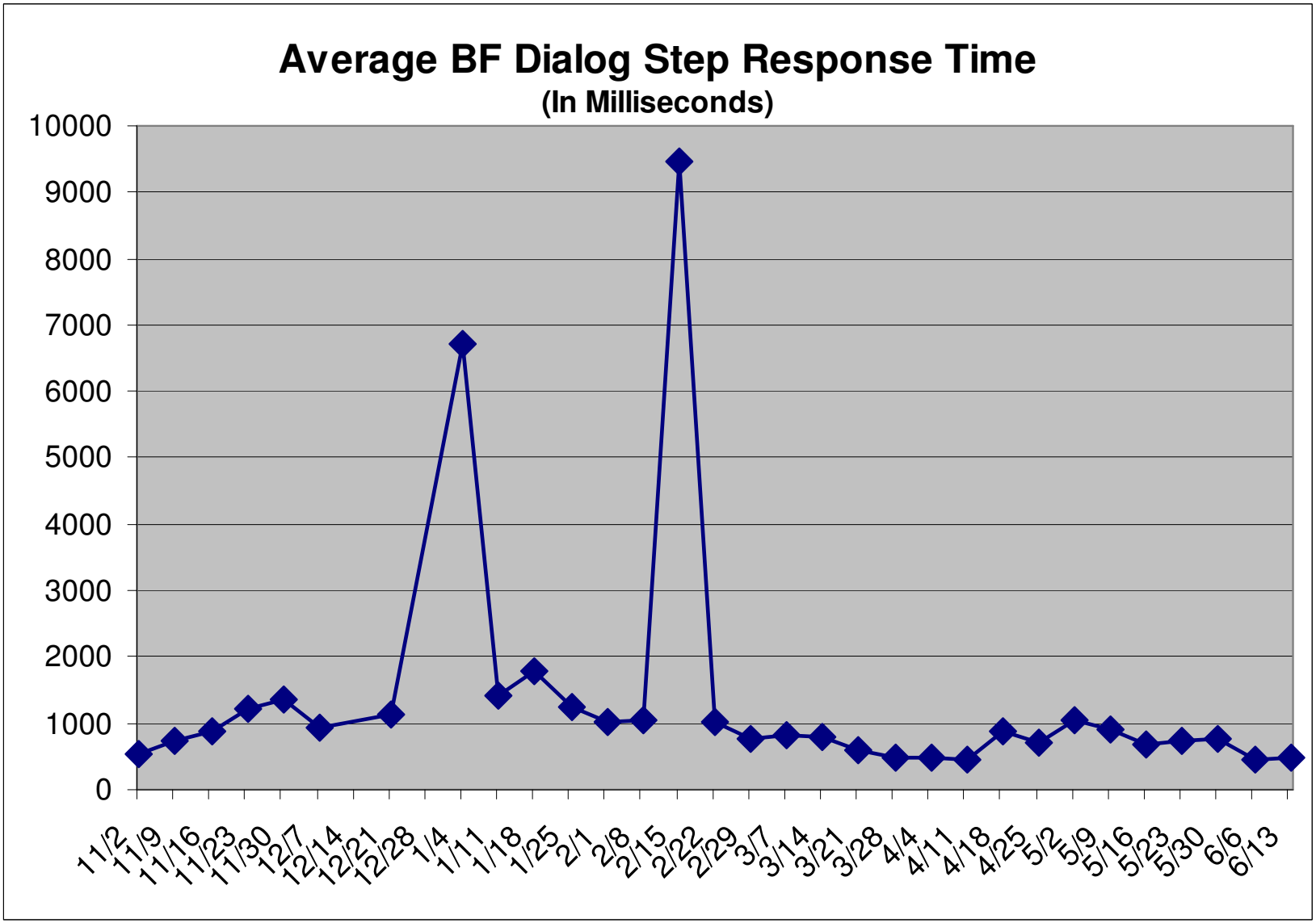
Budget Formulation System

Total Users Per Week



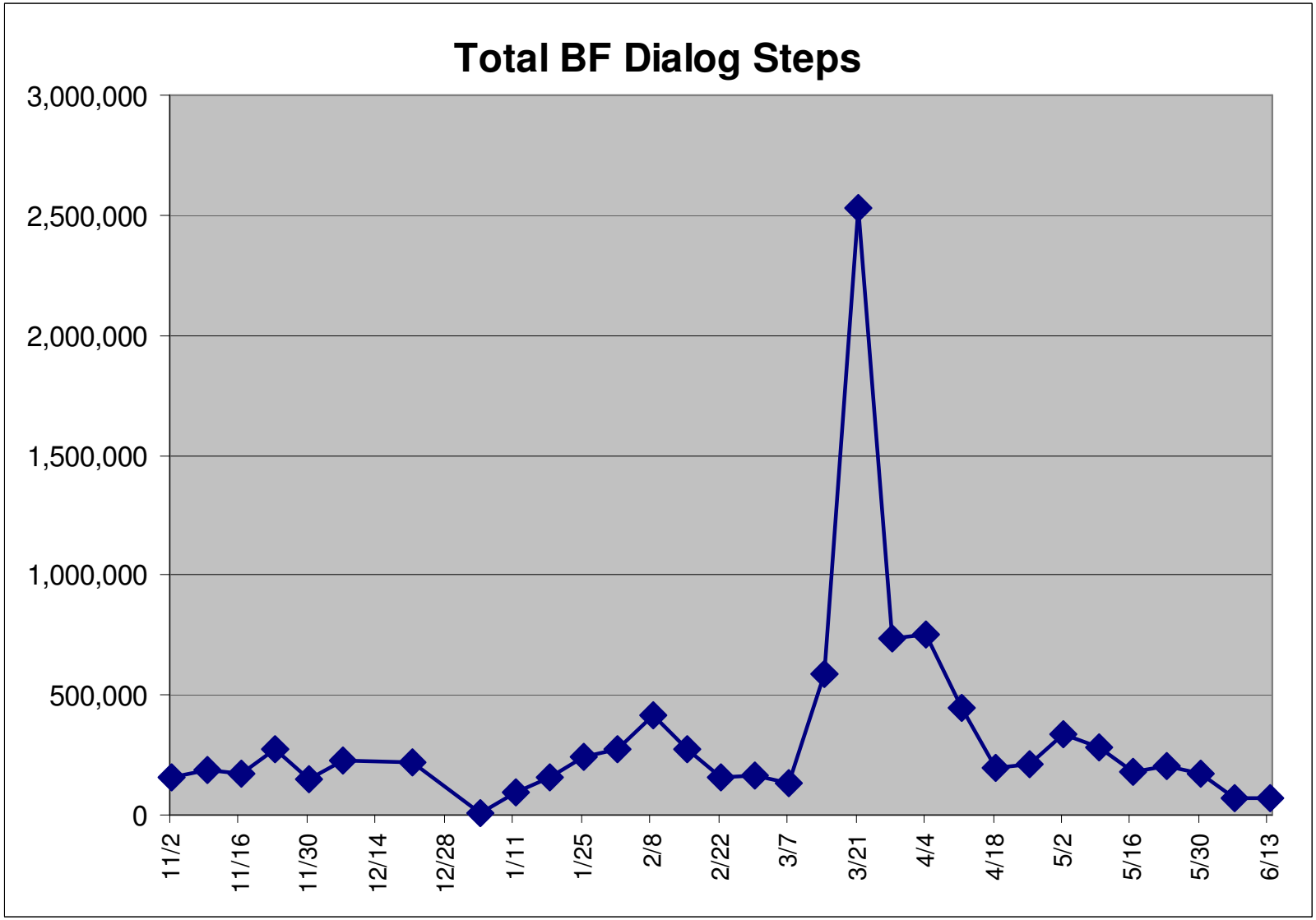
Budget Formulation System

Dialog Step Response Time (by week)



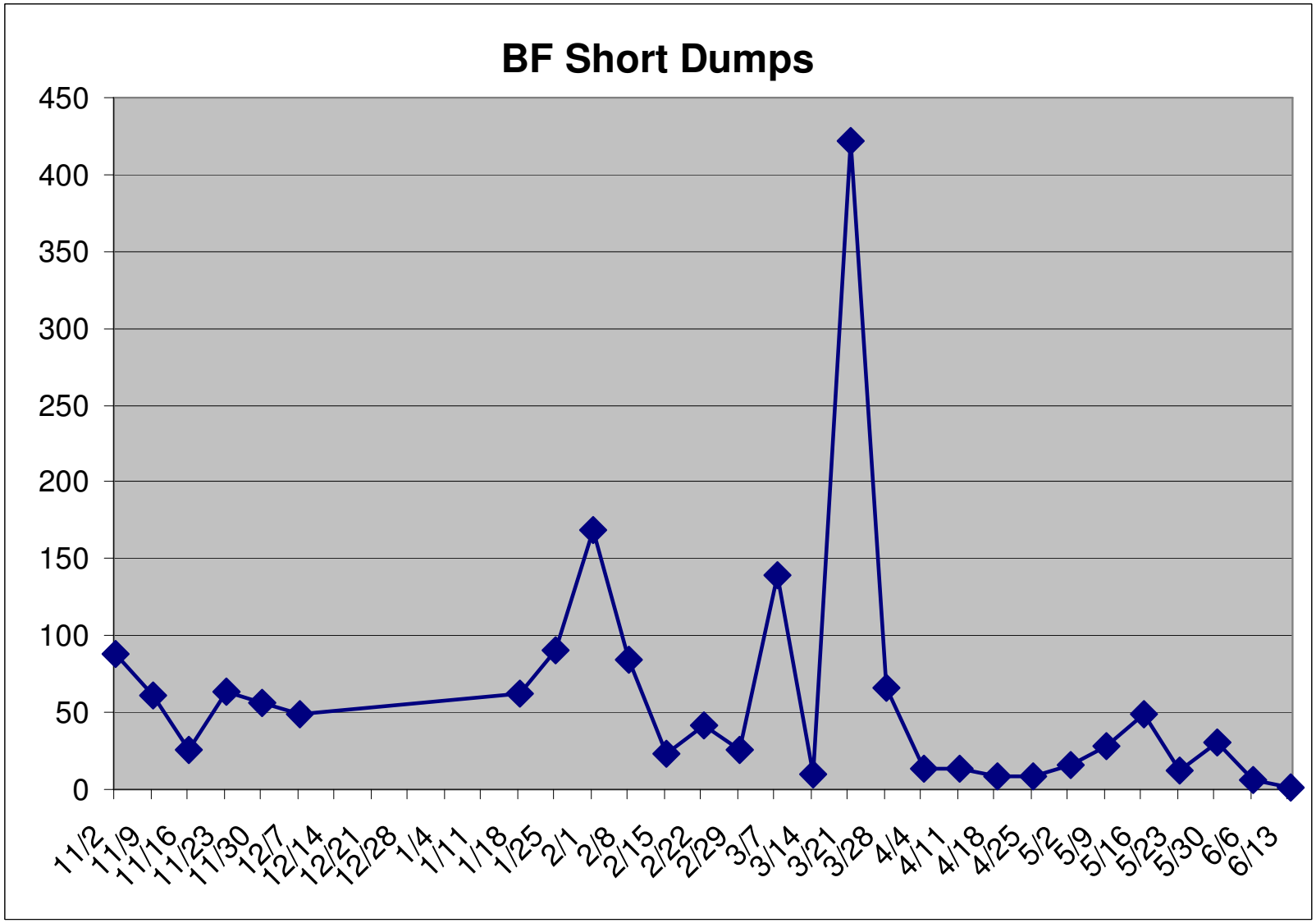
Budget Formulation System

Total Dialog Steps (by week)



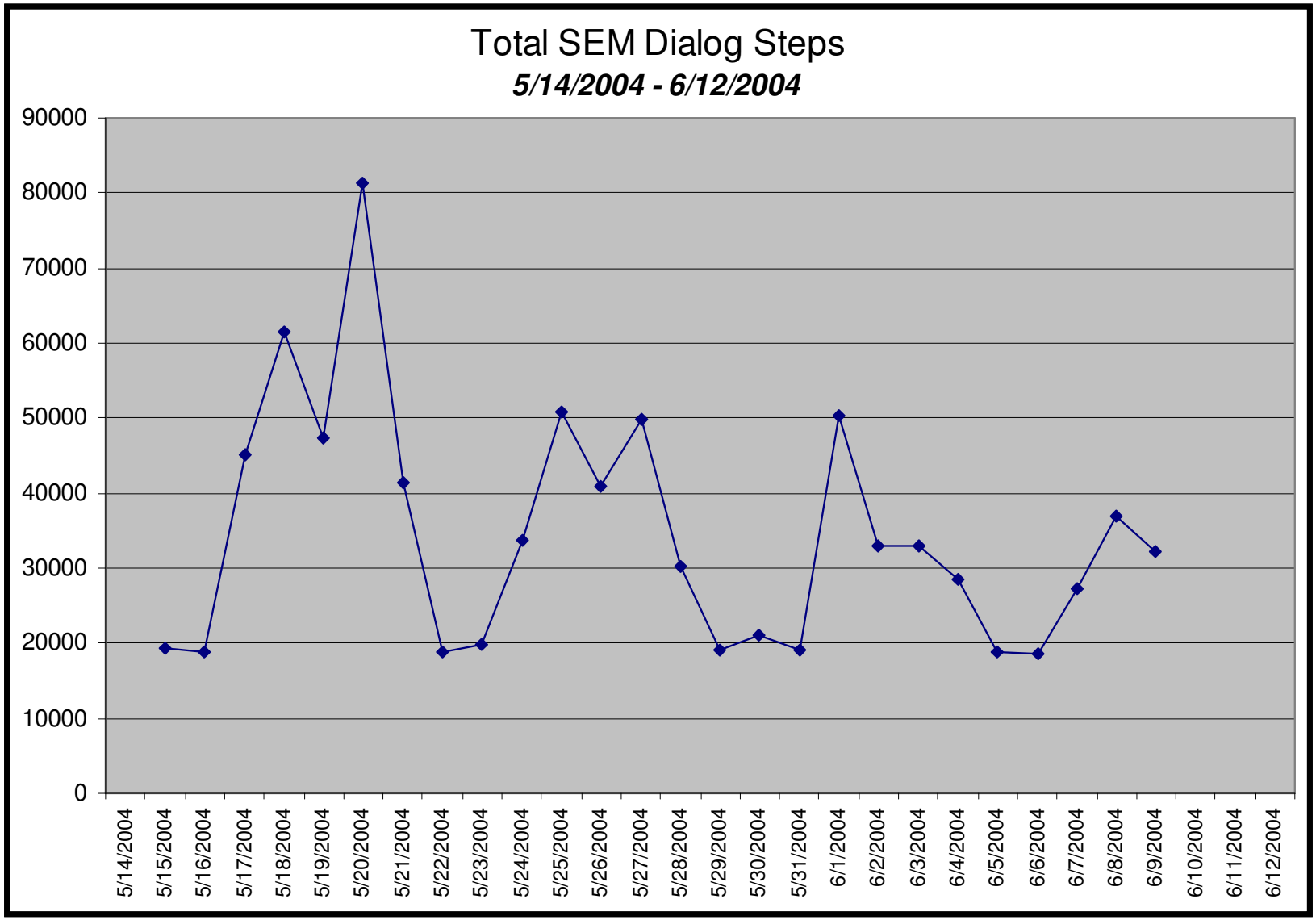
Budget Formulation System

Short Dumps



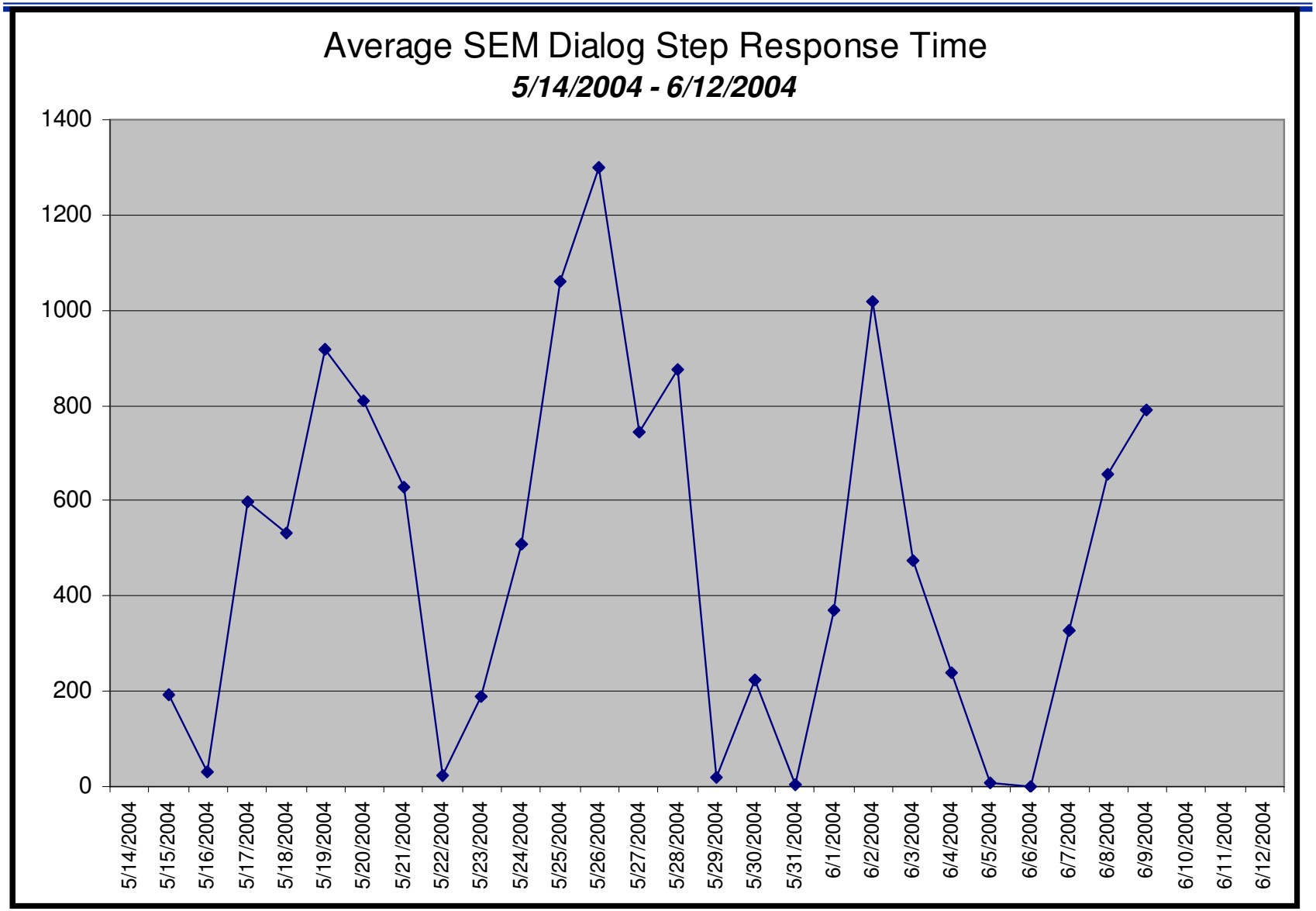
Budget Formulation System

Total Dialog Steps (by day)



Budget Formulation System

Average Dialog Step Response Time (by day)



Budget Formulation Navigations and Query Statistics

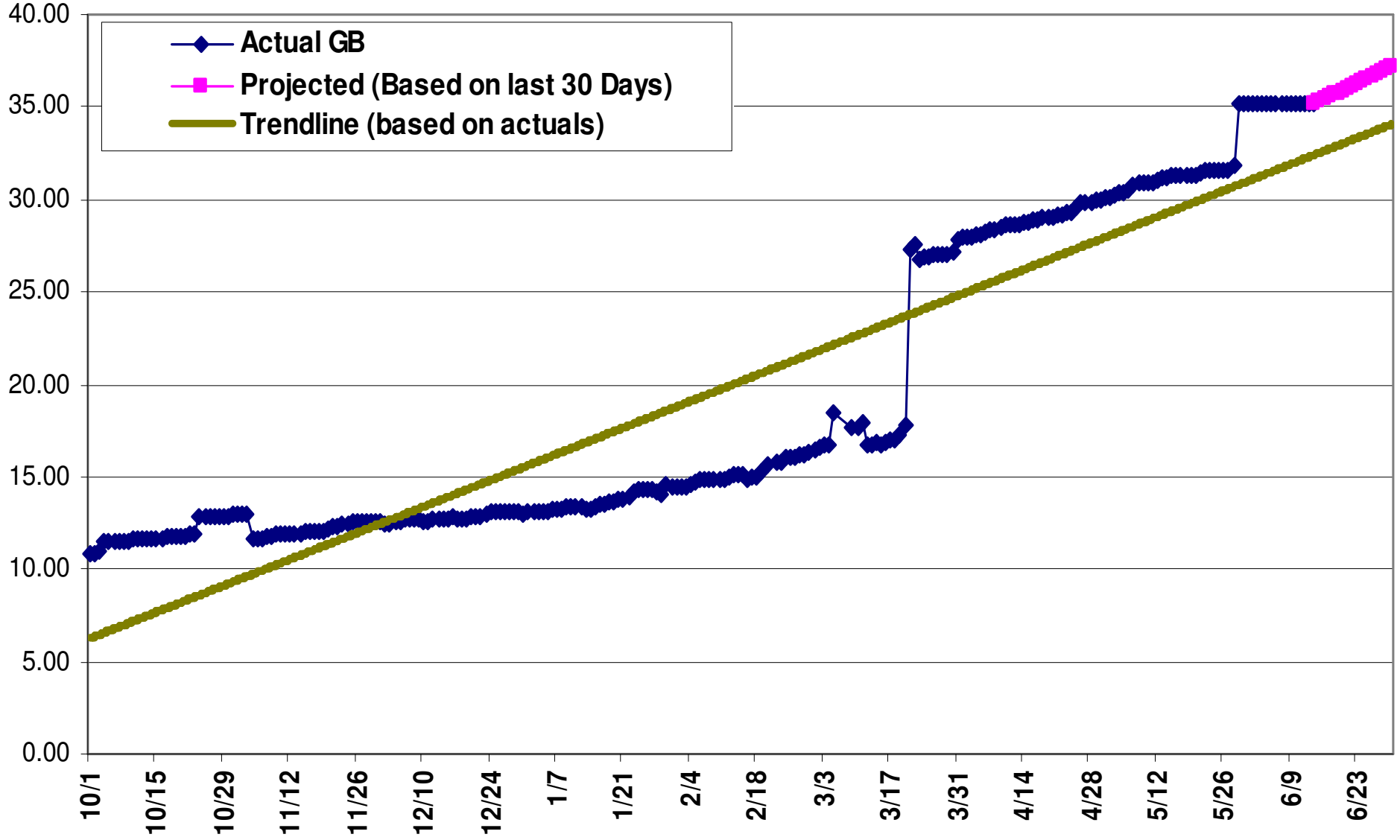
Week	4/4/04	4/11/04	4/18/04	4/25/04
Unique Queries	83	154	102	123
# of Navigations	4,504	7,202	3,517	4,212
Avg Time Per Execution	10	8.95237434	8.4	8.65
Total Execution Time	45,217	64,475	29,693	32,152

Week	5/2/04	5/9/04	5/16/04	5/23/04	5/30/04
Unique Queries	114	116	89	101	92
# of Navigations	4,450	3579	2639	2,865	2,624
Avg Time Per Execution	15.5000	12.43	10.4	11.1	11.9
Total Execution Time	68783	56845	27406.2	23415	43,123

Week	6/6/04	6/13/04
Unique Queries	66	57
# of Navigations	2,089	1,157
Avg Time Per Execution	5.9	6.1
Total Execution Time	12,306	7,108

Top 20 Queries

Top 20 Long Running Queries for 6-7 to 6-13-04			
Query	**Number of Navigations**	**Overall Time**	**Average Execution Time for each Navigation**
RSDRI_QUERY	561	3.500	0.0062
RSDRI_QUERY	349	4.300	0.0123
RSDRI_QUERY	192	2.800	0.0146
Q_PP01A	166	0.400	0.0024
RSDRI_QUERY	117	2.200	0.0188
RSDRI_QUERY	88	1.200	0.0136
Q_PP_EXPENSE_SPSUM	83	0.900	0.0109
RSDRI_QUERY	82	1.300	0.0158
Q_SP01A	79	0.100	0.0013
RSDRI_QUERY	78	1.300	0.0166
RSDRI_QUERY	77	1.200	0.0157
RSDRI_QUERY	76	1.000	0.0131
RSDRI_QUERY	74	1.300	0.0176
Q_PP_EXPENSE_SPSUM_TBS	71	0.900	0.0126
RSDRI_QUERY	68	0.600	0.0088
RSDRI_QUERY	66	1.100	0.0167
RSDRI_QUERY	66	0.600	0.0091
Q_PP01B_PP04_VERCOMP	65	0.100	0.0015
Q_PP_EXPENSE_SPSUM	63	1.200	0.0190
Q_PP01B_PP04_VERCOMP	62	0.000	0.0000
TOTAL	**2,483**	**26**	**0.0113**

BF Database Size: 35.13 GB

Last Week: 35.12 GB