Core Financial System Performance Metrics

June 17, 2004

Core Financial Performance

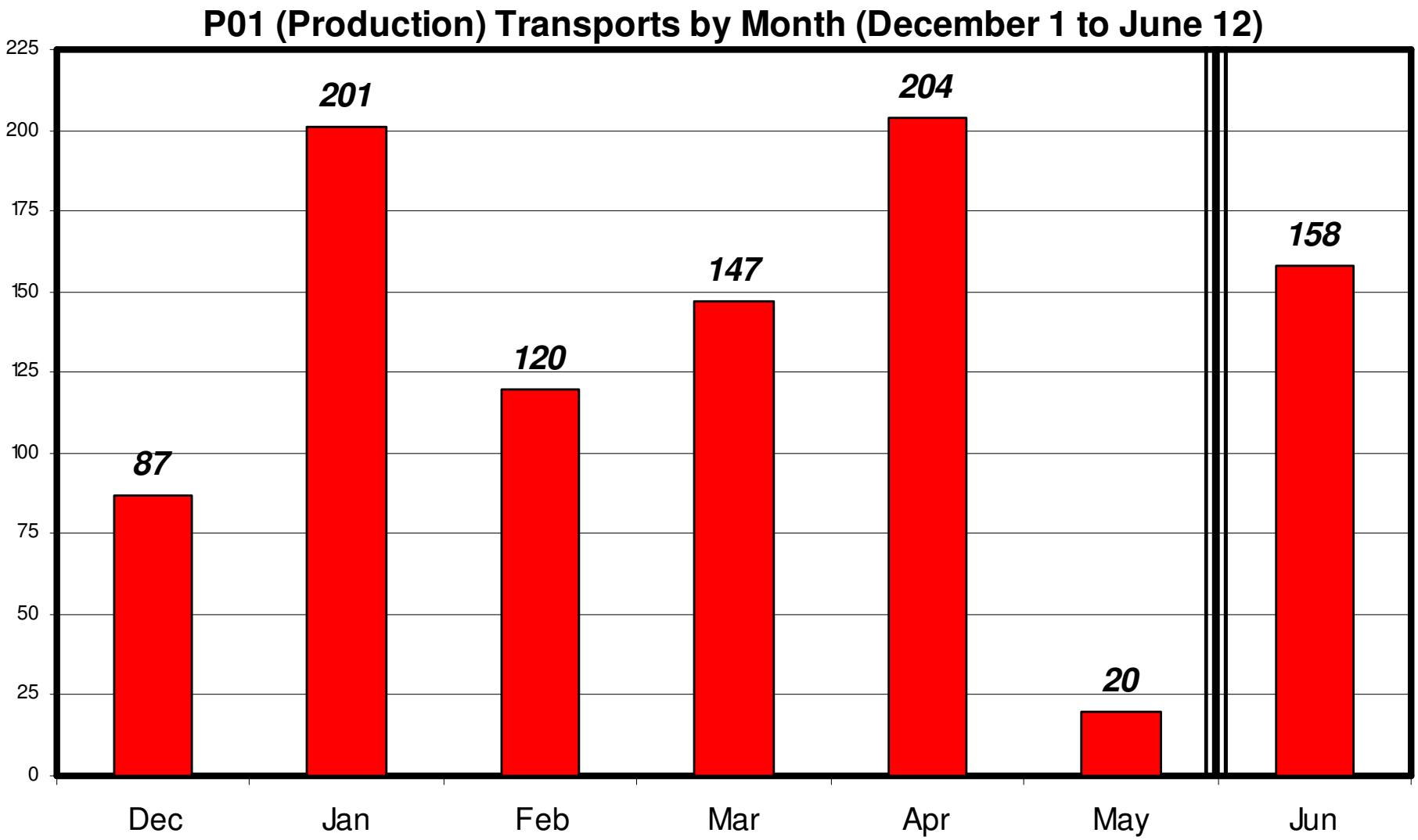
Weekly Agenda

- Batch Scheduling Statistics
- Production Transport History
- ITS / Entry Page Concurrent Users
- Bank Card Peak Concurrent Users
- Online Training & Help Peak Concurrent Users
- Training & Help Concurrent Users
- R/3 System Data
- R/3 System Dialog Step and User Statistics
- Database Sizing
- Top Ten Transactions

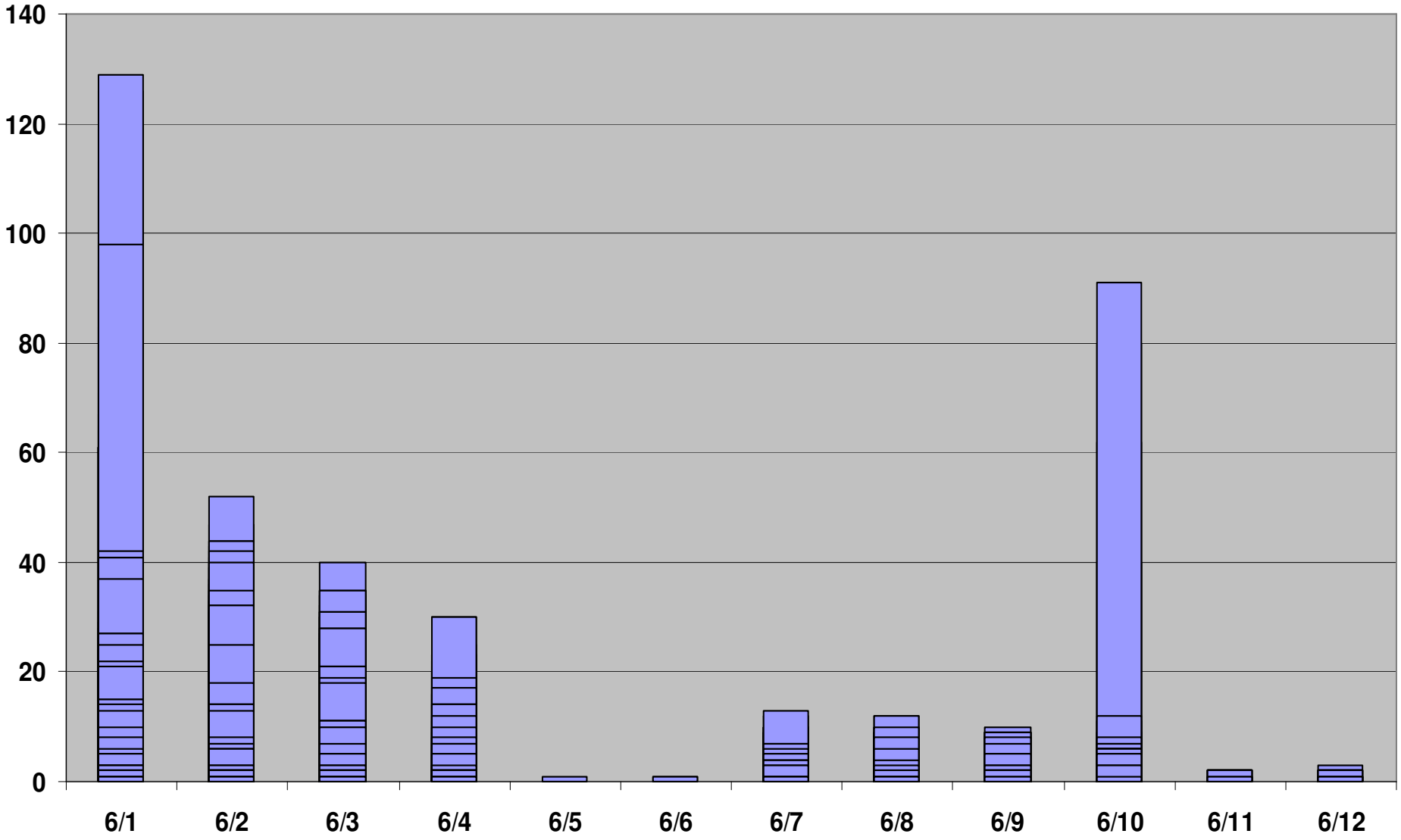
Batch Scheduling Statistics

		AutoRun Jobs	Ondemand Jobs	CPU Time (In Seconds)	Elasped Times (In Seconds)	Trouble Tickets
Sun	5/30/2004	27	0	25.83	2620.56	0
Mon	5/31/2004	30	0	27.94	74231.35	0
Tues	6/1/2004	355	18	616.5	3500761	2
Weds	6/2/2004	359	7	715.62	3605105.25	6
Thurs	6/3/2004	341	41	770.22	3753210.5	1
Fri	6/4/2004	349	15	612.03	4356993	2
Sat	6/5/2004	99	7	105.14	346033.09	1
Weekly Total	**1648**	**1,560**	**88**	**2,873.28**	**15,638,954.75**	**12**
Sun	6/6/2004	25	0	26.48	95525.93	1
Mon	6/7/2004	273	100	632.76	3839716	1
Tues	6/8/2004	299	110	773.48	4595368	3
Weds	6/9/2004	185	107	775.58	4293372	1
Thurs	6/10/2004	293	47	430.71	2675021.75	0
Fri	6/11/2004	22	0	37.06	1148.7	0
Sat	6/12/2004	32	0	26.89	185.73	0
Weekly Total	**1493**	**1,129**	**364**	**2,702.96**	**15,500,338.11**	**6**
Monthly Total	**3141**	**2,689**	**452**	**5,576.24**	**31,139,292.86**	**18**

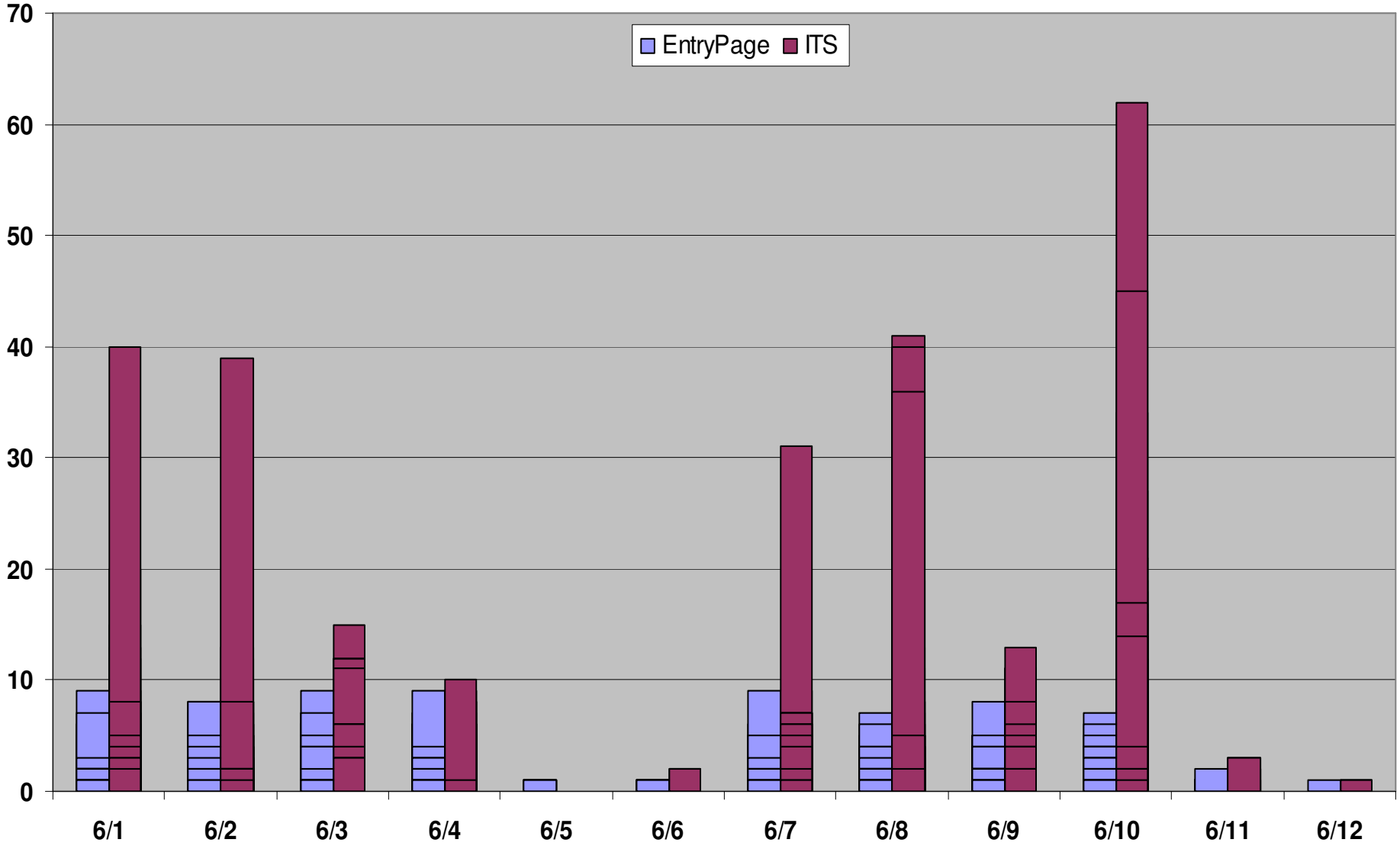
Production Transport History



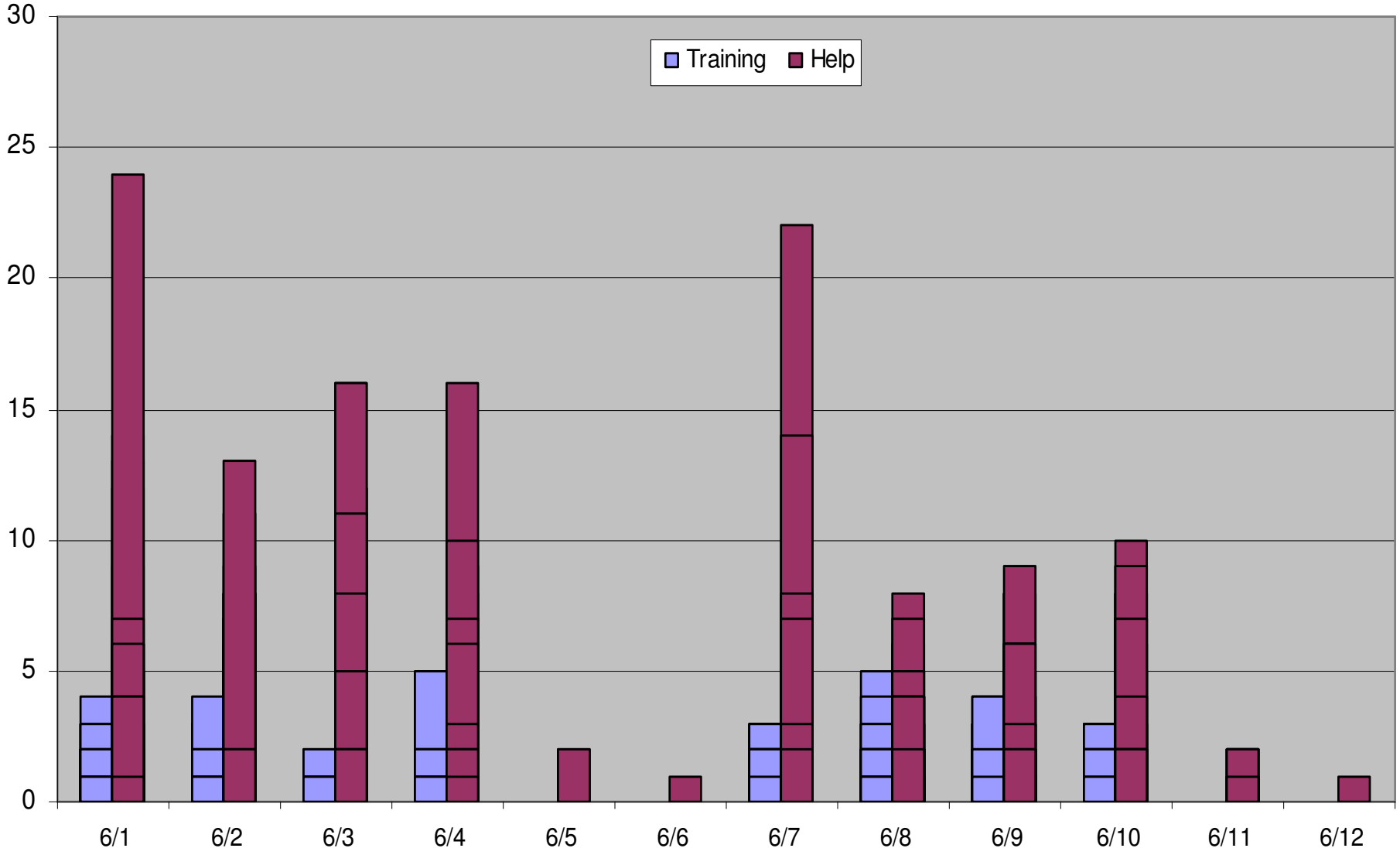
Bank Card Peak Concurrent Web Users



Entry Page & ITS Peak Concurrent Users

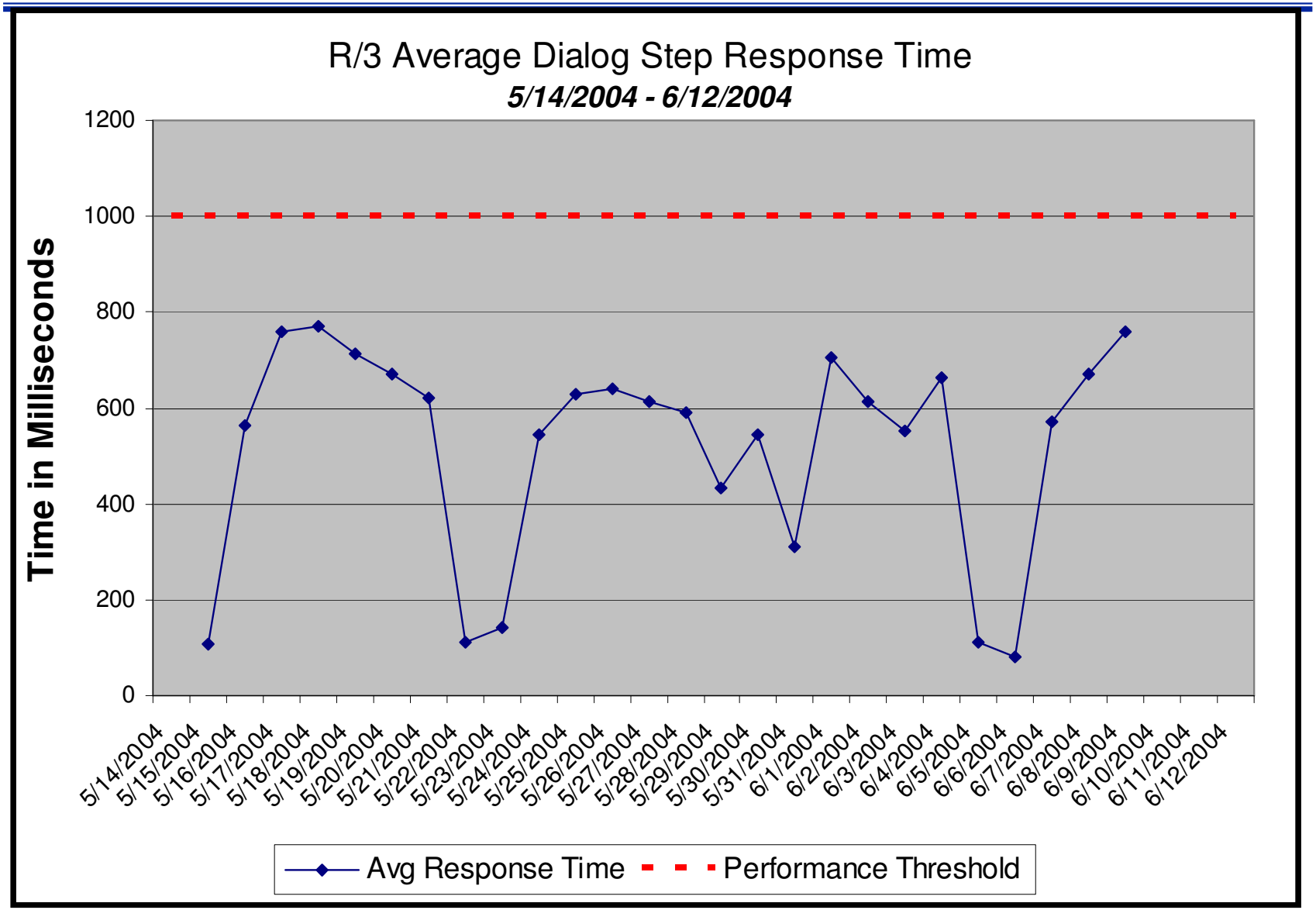


Online Training and Online Help Peak Concurrent Users



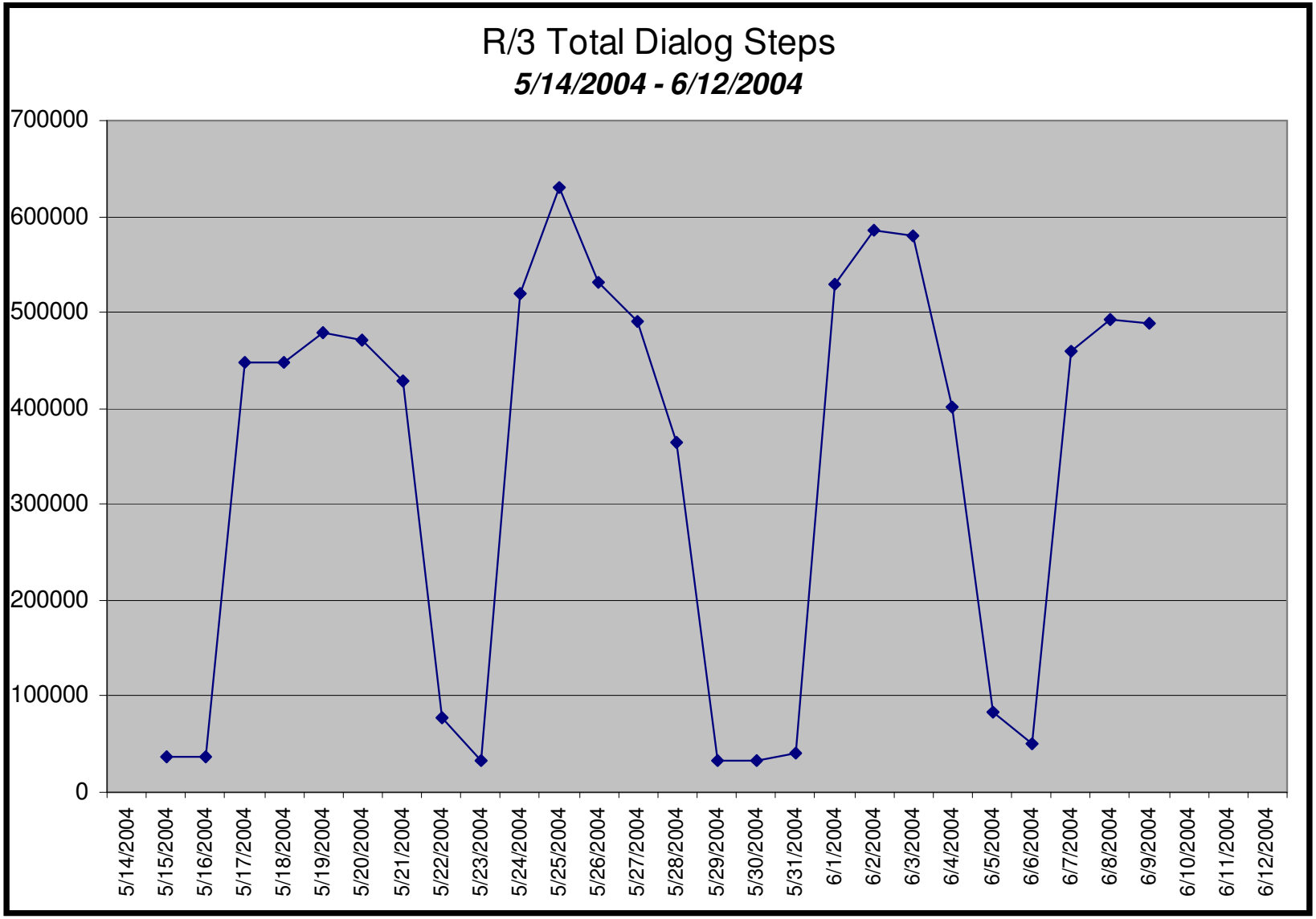
R/3 System

System Performance Metrics



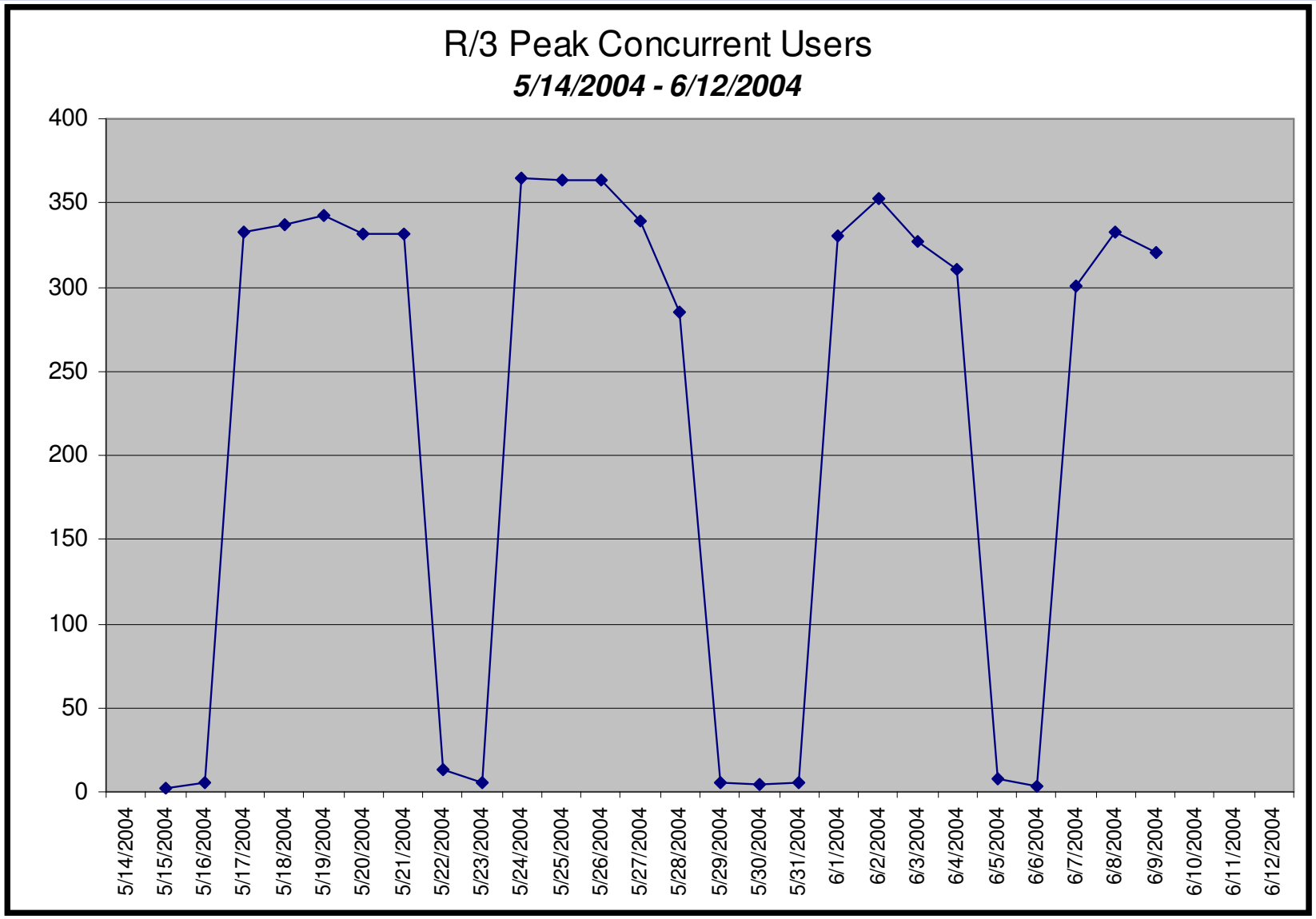
R/3 System

System Performance Metrics

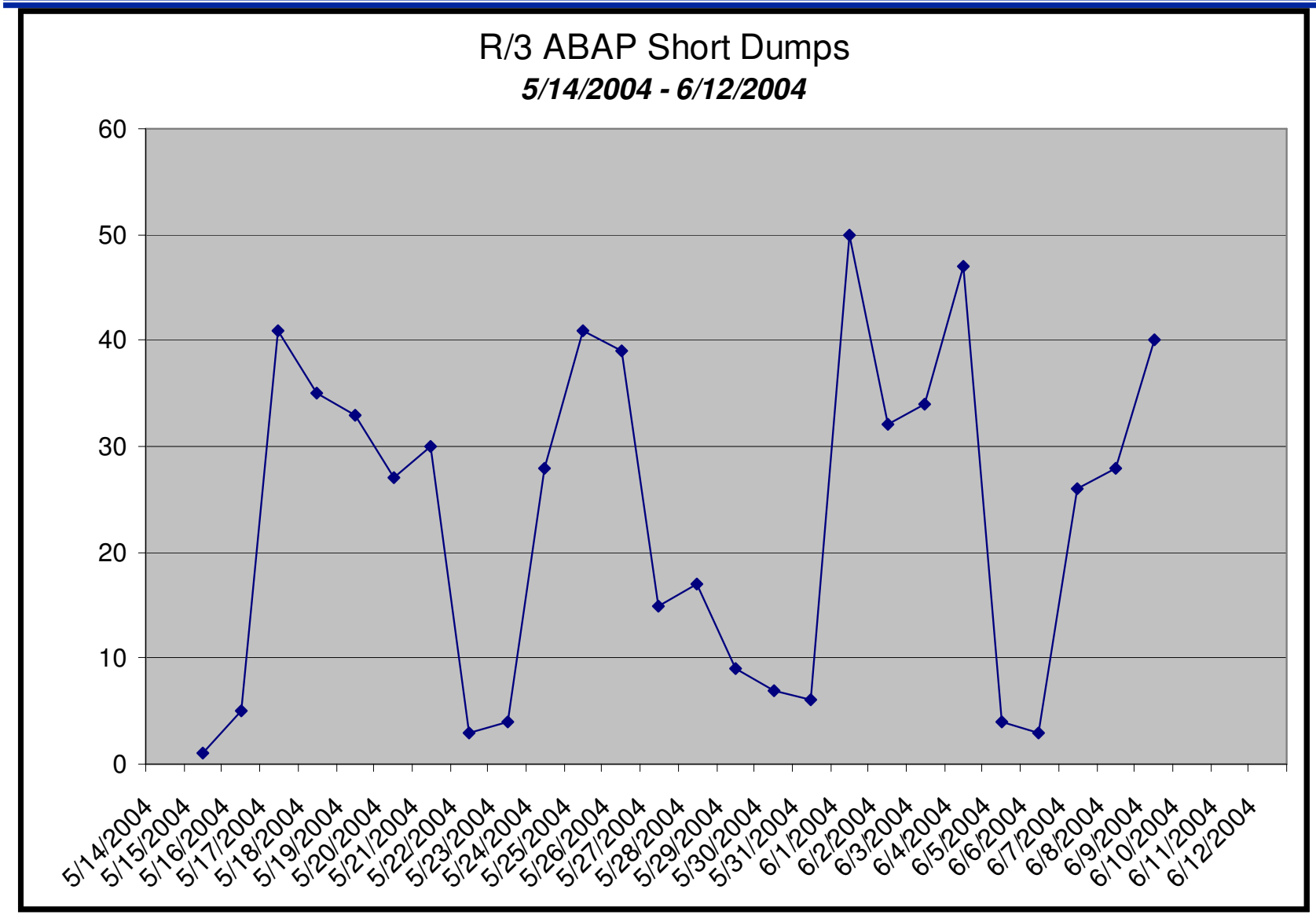


R/3 System

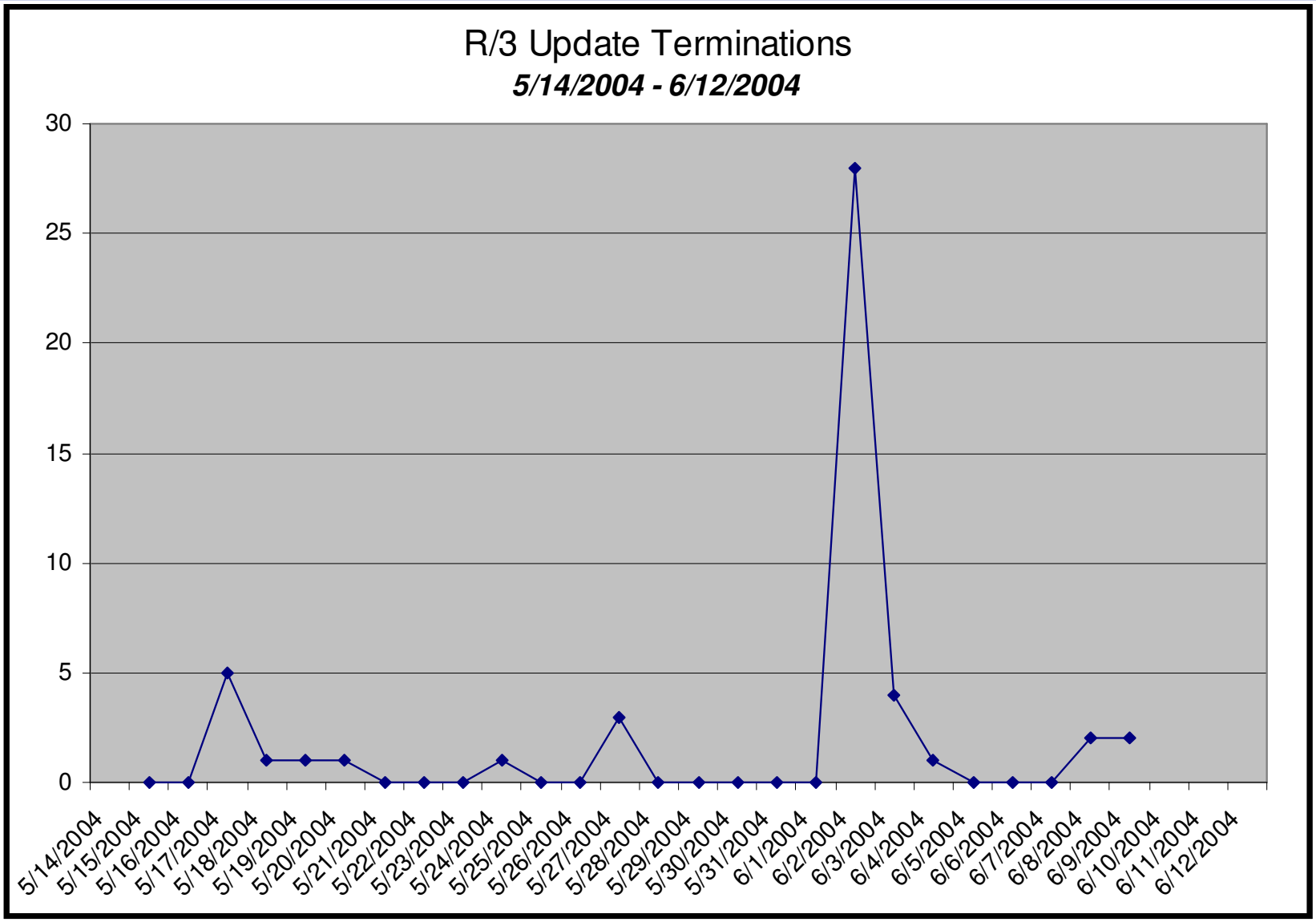
System Performance Metrics



R/3 System
Performance Issues

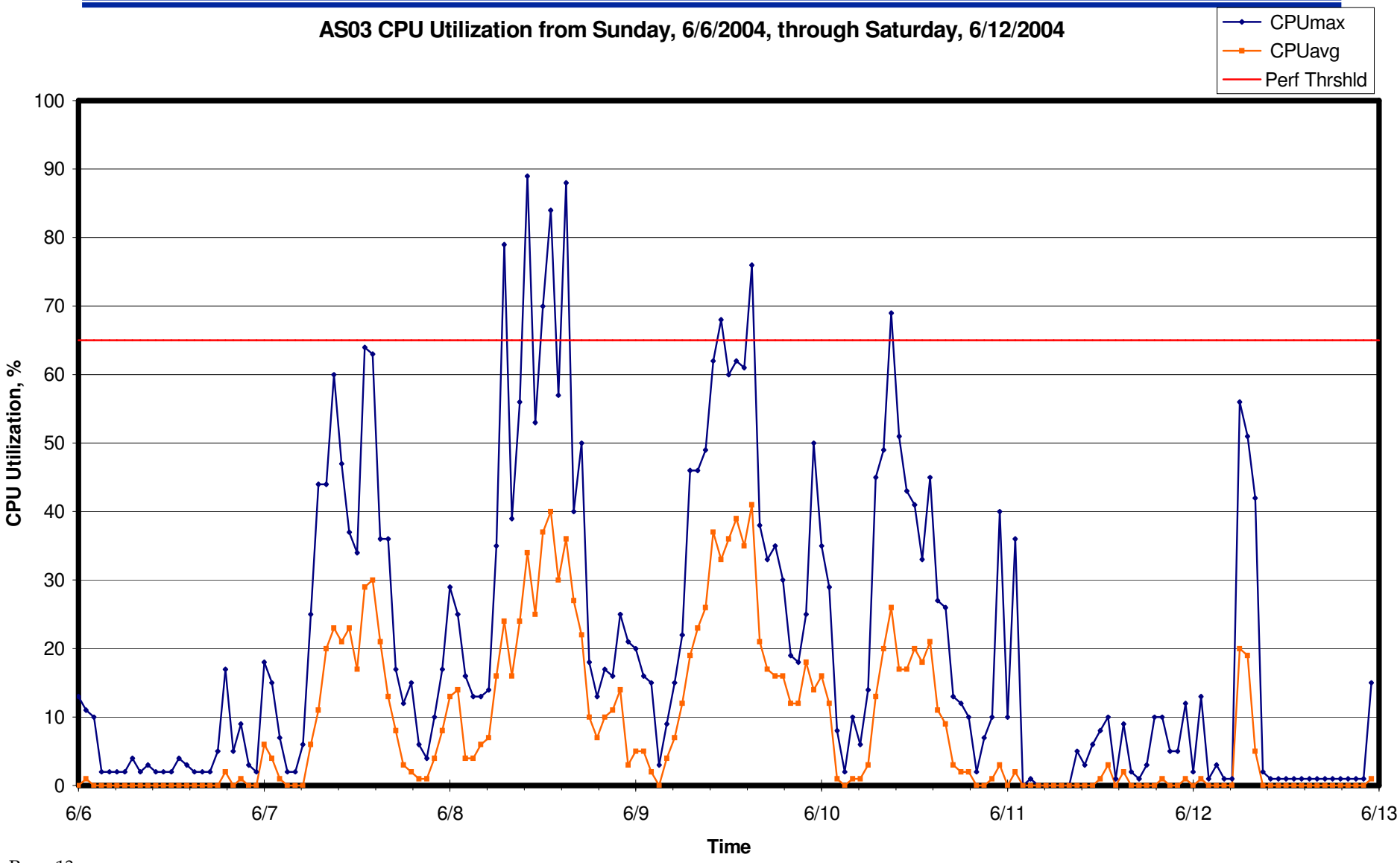


R/3 System
Performance Issues



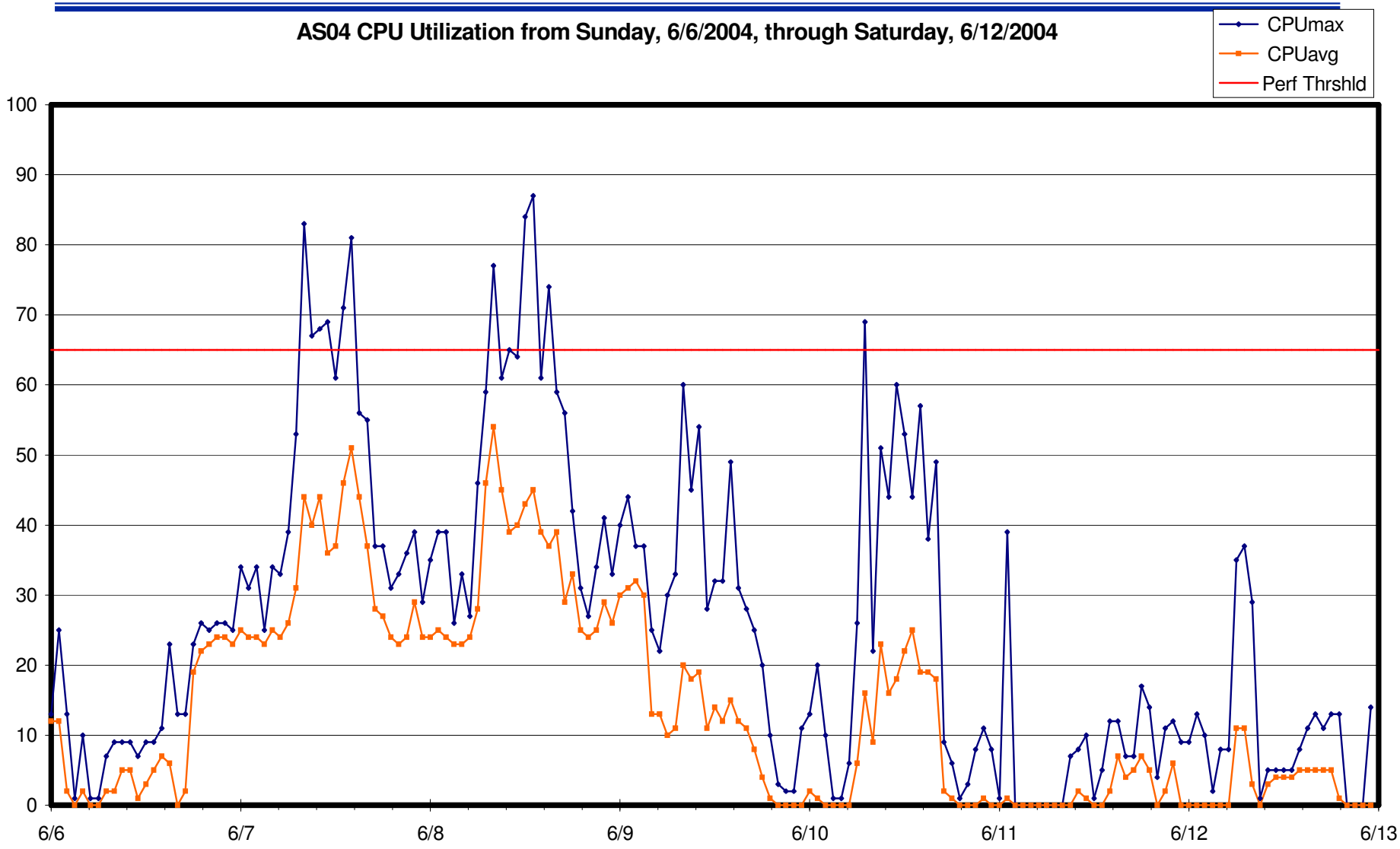
R/3 System

Application Server AS03 CPU Statistics



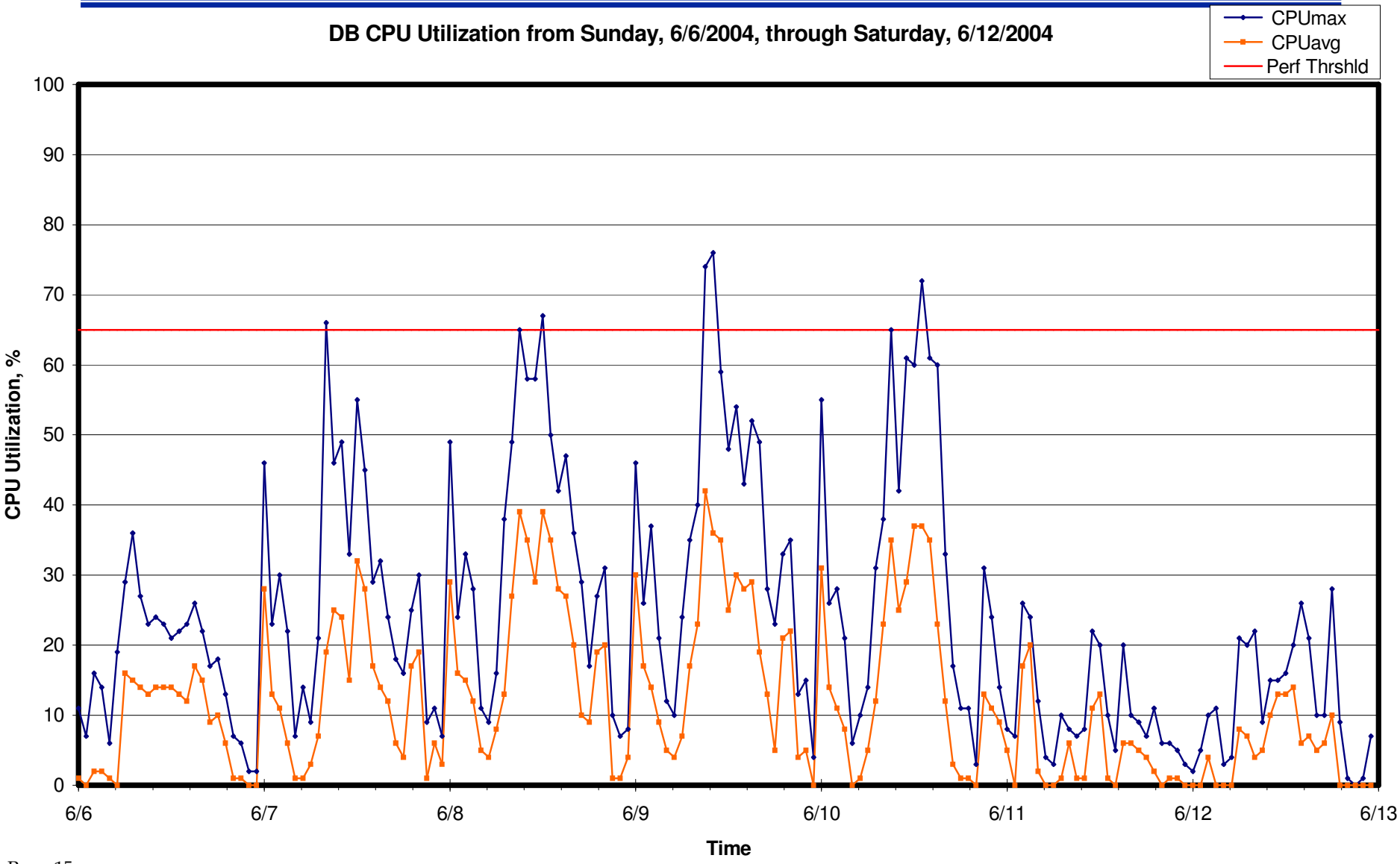
R/3 System

Application Server AS04 CPU Statistics



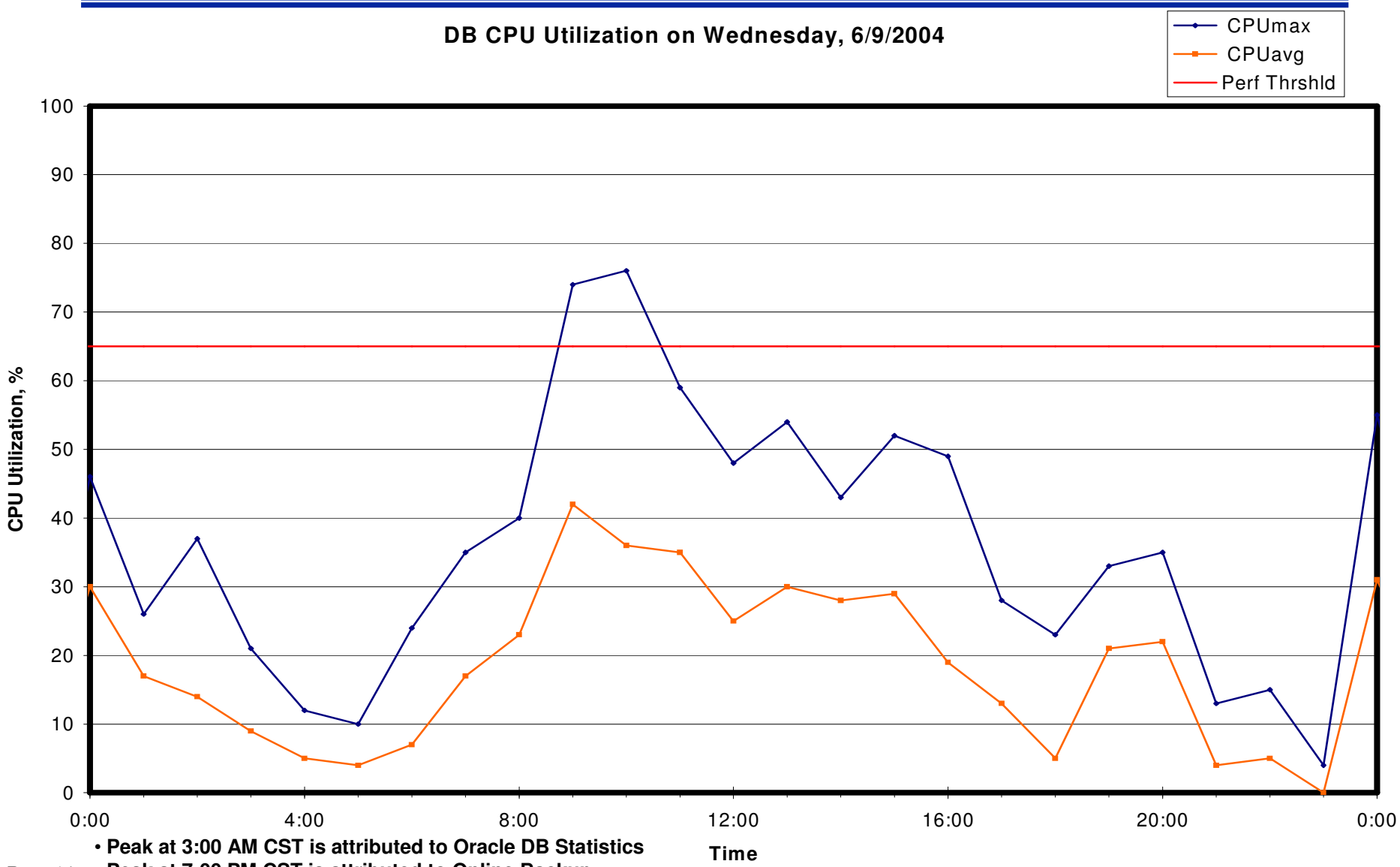
R/3 System

DB Server CPU Utilization Statistics



R/3 System

DB Server CPU Statistics 6/9/04

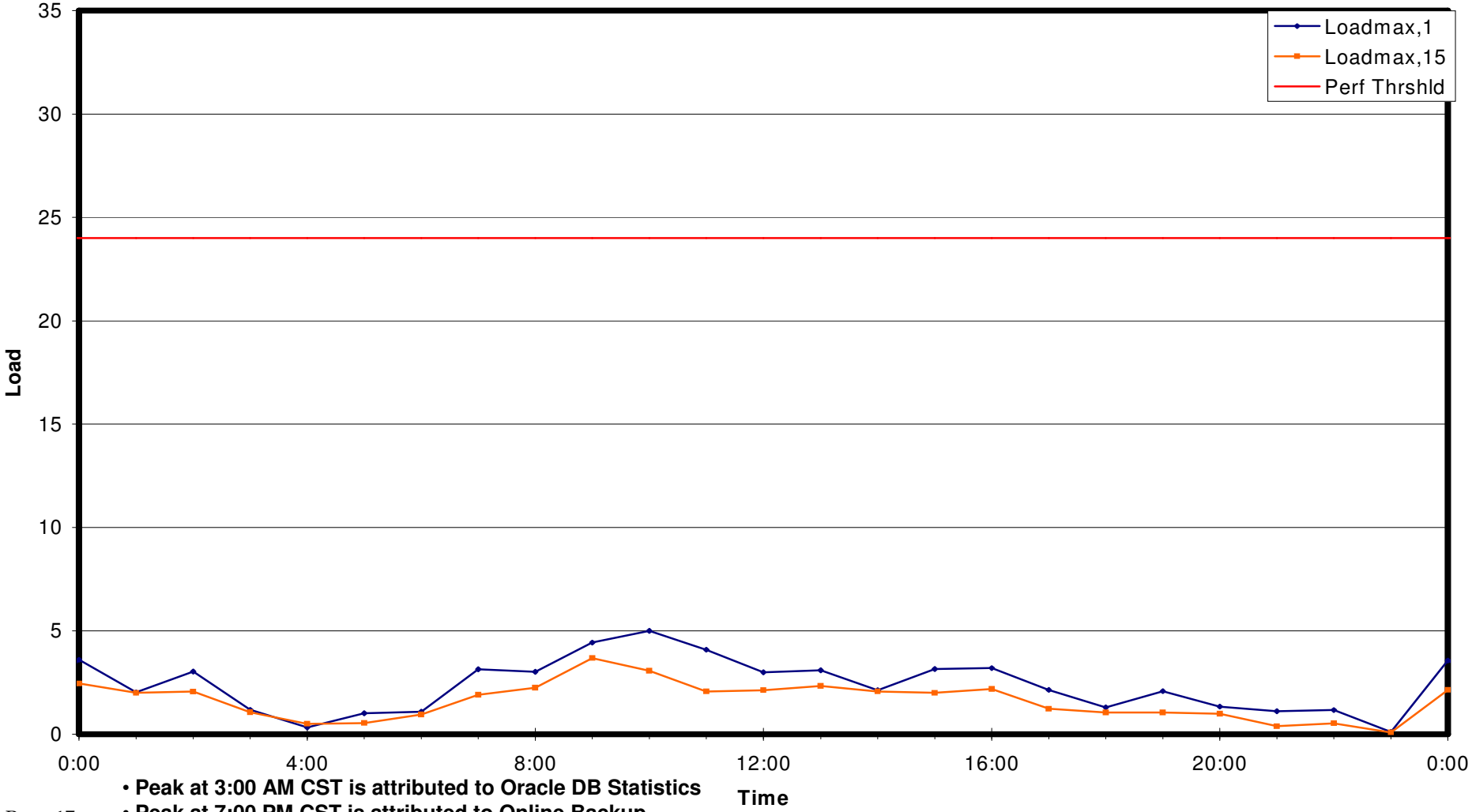


- Peak at 3:00 AM CST is attributed to Oracle DB Statistics
- Peak at 7:00 PM CST is attributed to Online Backup

R/3 System

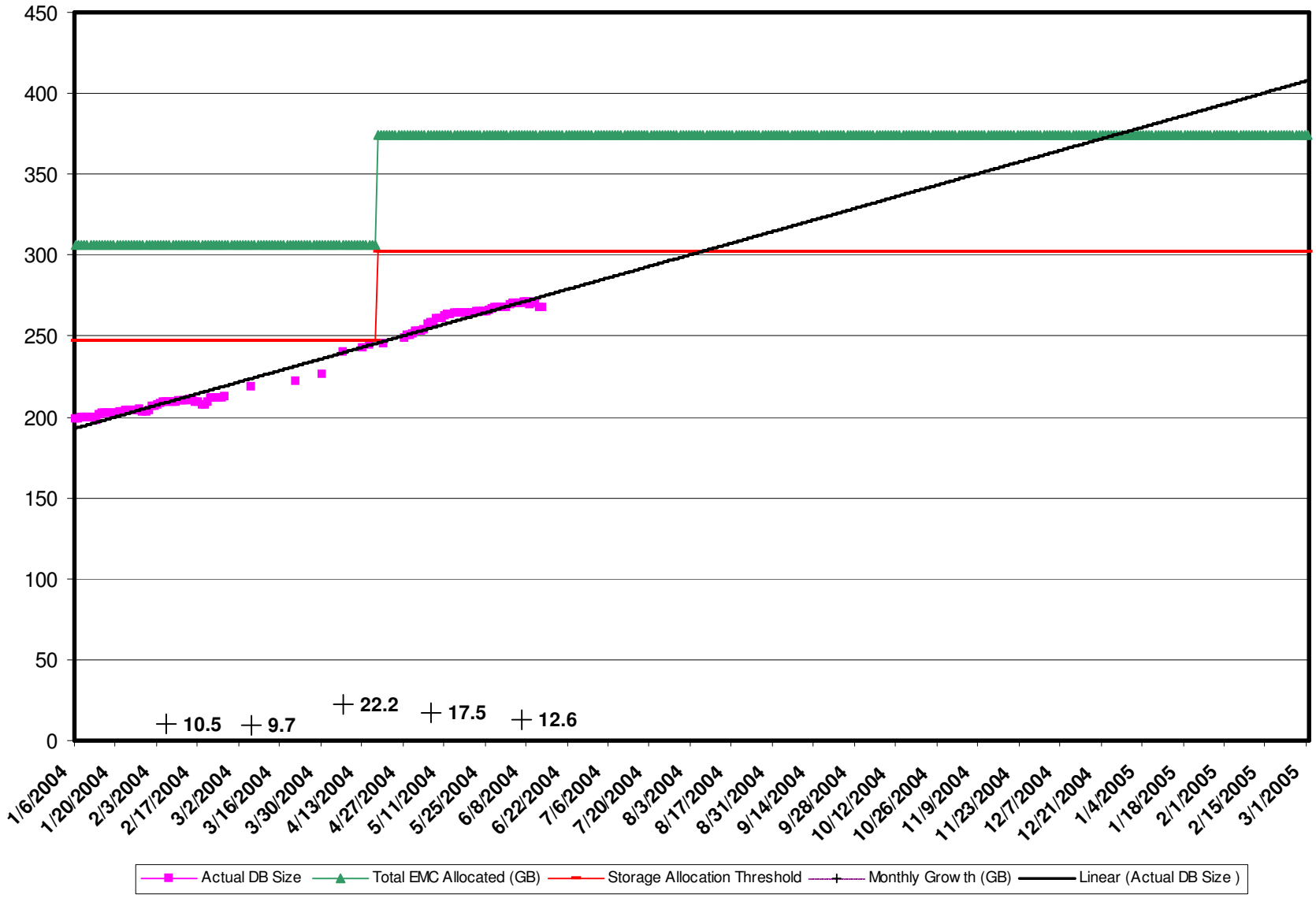
DB Server Load Statistics 6/9/04

DB Load on Wednesday, 6/9/2004



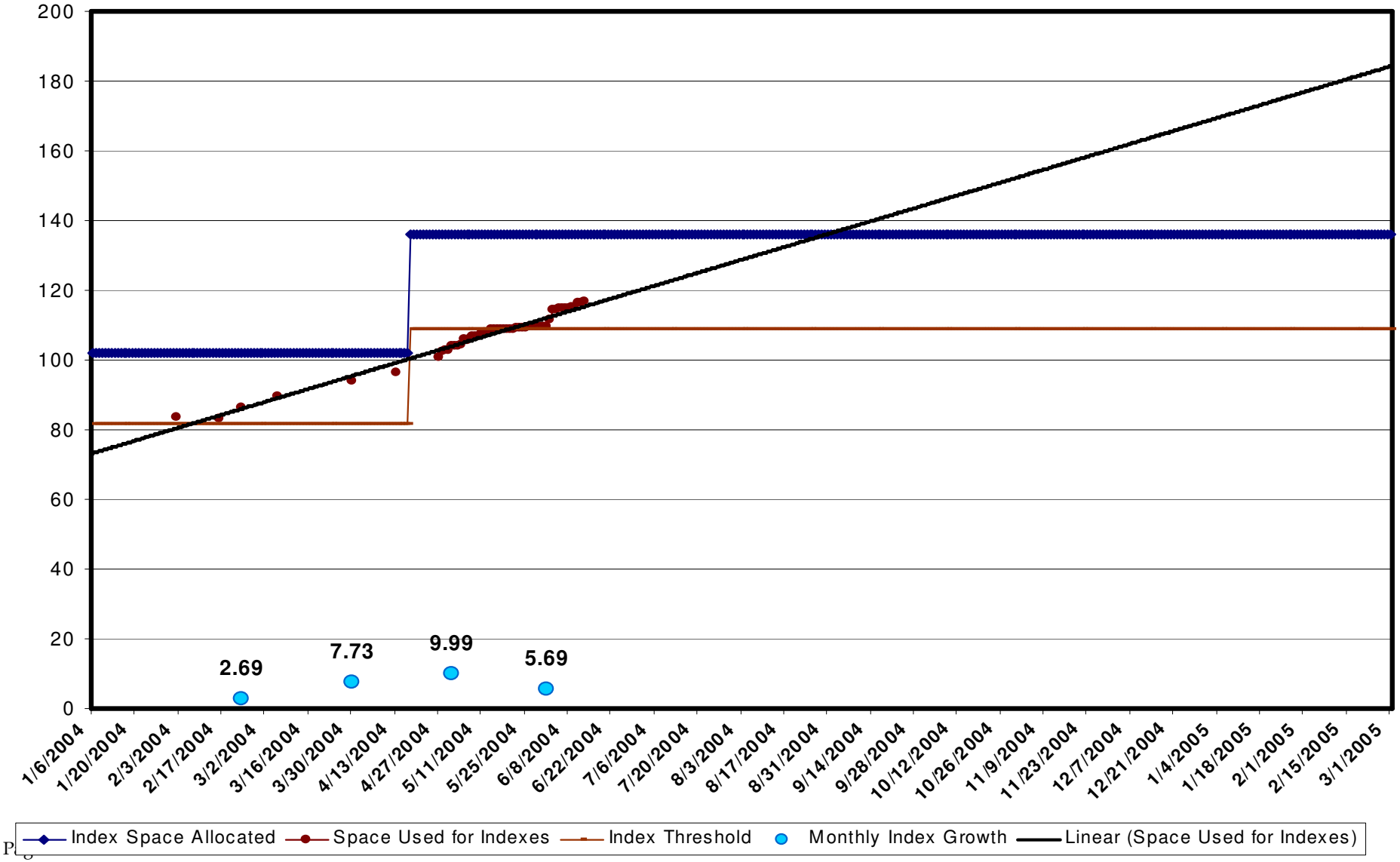
- **Peak at 3:00 AM CST is attributed to Oracle DB Statistics**
- **Peak at 7:00 PM CST is attributed to Online Backup**

P01 Database Growth Analysis
Total GB used in Database: 268.02



P01 Index Growth Analysis

Total GB used in Indices: 116.94

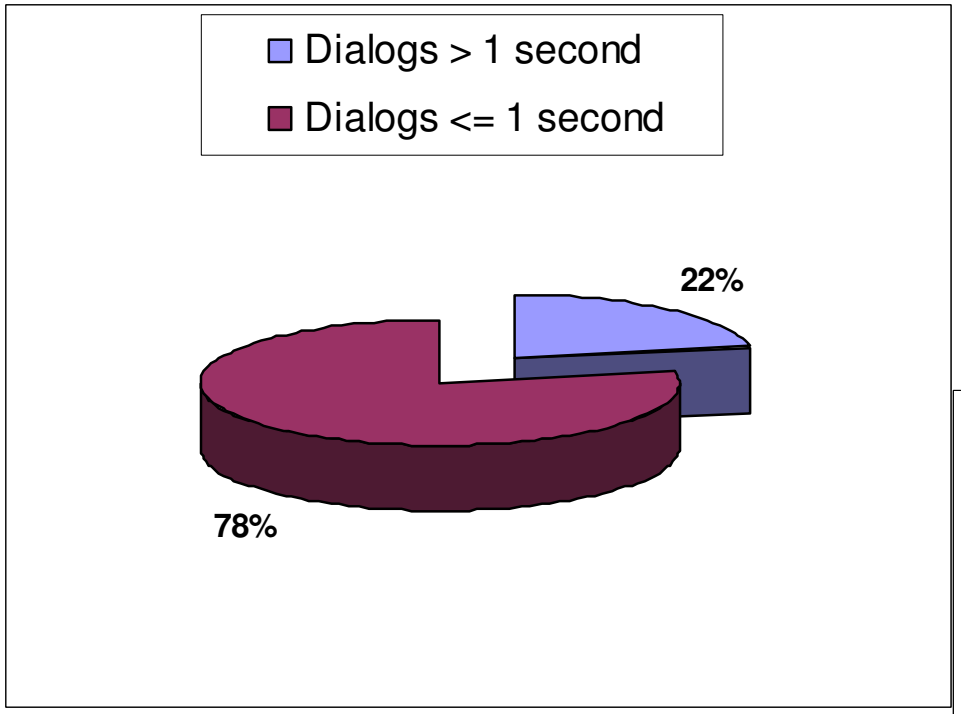
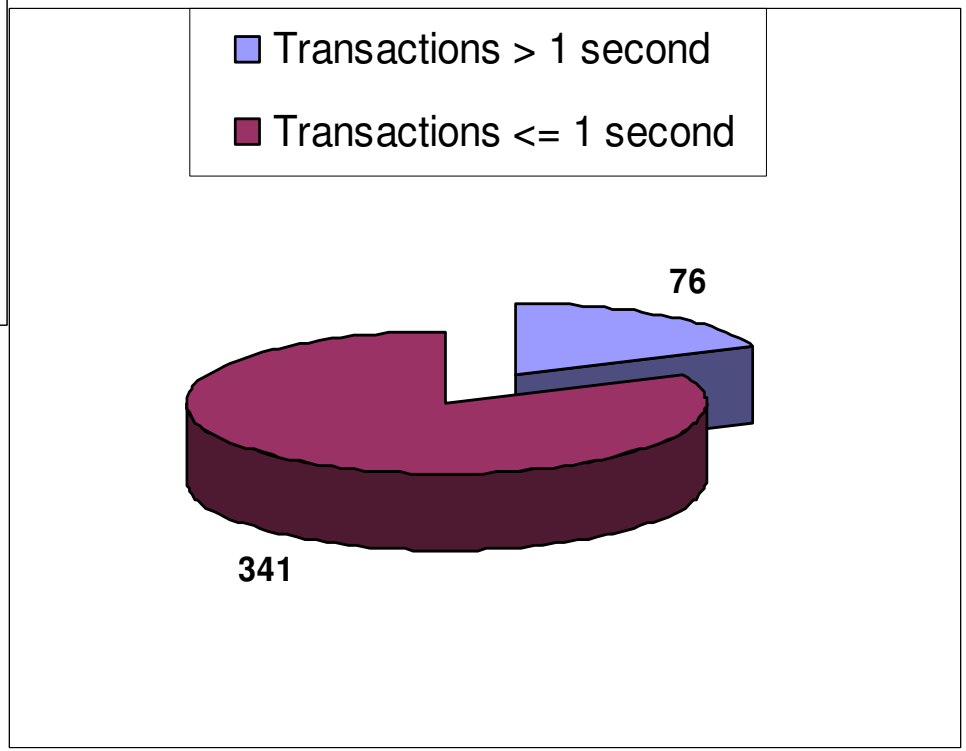


Top R/3 Transactions (Response Time and Dialogs)

Response Time

Program or Tcode	Dialog steps	Response time total (s)	Response time avg (ms)
MIR4	35,378	72,305	2,044
MIRO	12,560	65,375	5,205
GR55	9,592	49,095	5,118
ZNASAST5	32,200	43,223	1,342
MIR7	6,927	42,739	6,170
ME53N	115,958	42,046	363
ZNASACP	34,655	38,749	1,118
ME23N	84,573	34,562	409
FBL1N	47,985	34,168	712
RFMFGRCN_RP1	8,389	33,894	4,040

Dialog Steps

Program or Tcode	Dialog steps	Response time total (s)	Response time avg (ms)
ME53N	115,958	42,046	363
ME23N	84,573	34,562	409
FBL1N	47,985	34,168	712
MIR4	35,378	72,305	2,044
ZNASACP	34,655	38,749	1,118
ZNASAST5	32,200	43,223	1,342
F110	26,068	2,565	98
ME22N	25,860	10,616	411
ME51N	24,126	17,602	730
FB03	20,213	3,585	177

R/3 Dialogs
For Week Ending 6/13/2004