Core Financial System Performance Metrics

March 4, 2004

Core Financial Performance

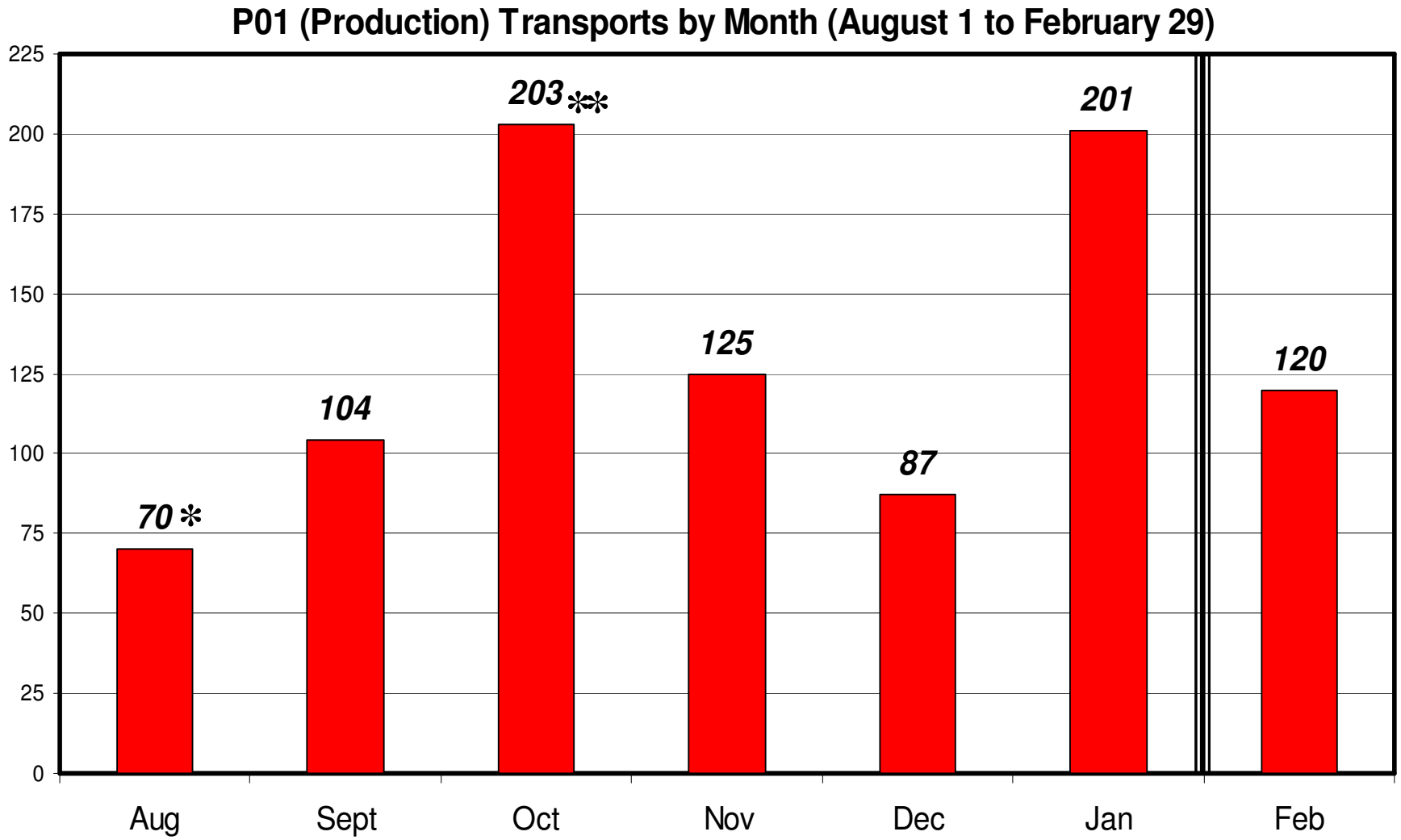
Weekly Agenda

- 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

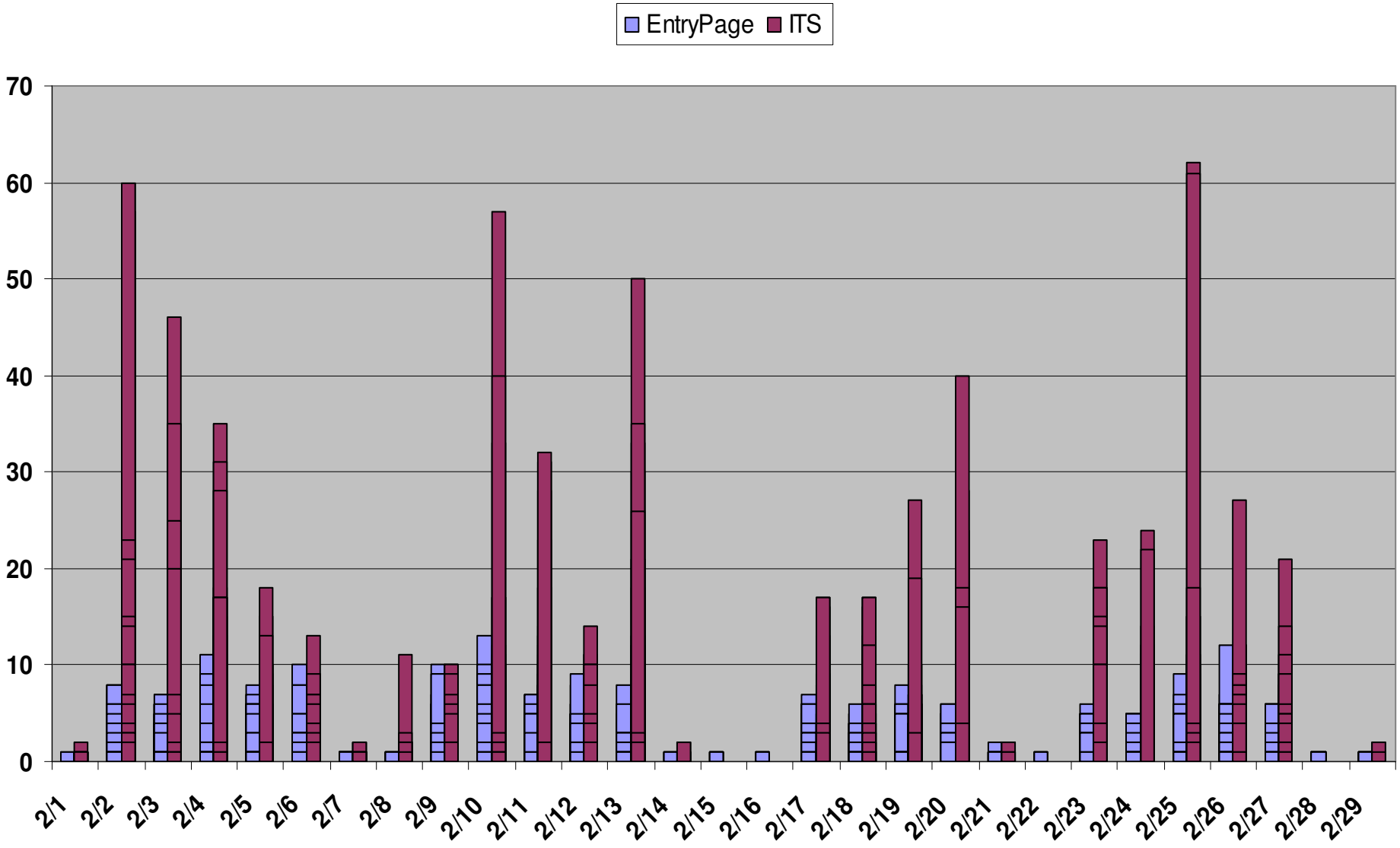
		AutoRun Jobs	Ondemand Jobs	CPU Time (In Seconds)	Elasped Times (In Seconds)	Trouble Tickets
Sun	2/1/2004	28	0	28.65	974.76	1
Mon	2/2/2004	180	10	381.2	2174893.25	0
Tues	2/3/2004	207	3	400.28	2188533.75	5
Weds	2/4/2004	227	4	402.17	2313660.5	1
Thurs	2/5/2004	213	4	393.91	2266636.25	2
Fri	2/6/2004	190	10	387.77	2440106	0
Sat	2/7/2004	34	0	52.6	101830.31	13
Weekly Total	**1110**	**1,079**	**31**	**2,046.58**	**11,486,634.82**	**22**
Sun	2/8/2004	0	0	0	0	2
Mon	2/9/2004	229	8	373.78	2233095	1
Tues	2/10/2004	223	6	393.84	2365900	0
Weds	2/11/2004	213	4	397.17	2283204.75	0
Thurs	2/12/2004	221	1	376.42	2249134.75	4
Fri	2/13/2004	192	3	343.16	2328859.75	2
Sat	2/14/2004	50	0	28.3	35338.06	1
Weekly Total	**1150**	**1,128**	**22**	**1,912.67**	**11,495,532.31**	**10**
Sun	2/15/2004	17	0	24.27	798.89	0
Mon	2/16/2004	20	0	23.32	14904.53	0
Tues	2/17/2004	212	6	381.96	2292091	2
Weds	2/18/2004	199	4	381.99	2144493.25	0
Thurs	2/19/2004	214	9	404.48	2410564.25	6
Fri	2/20/2004	213	7	352.55	2185787	7
Sat	2/21/2004	91	0	35.57	83169.52	0
Weekly Total	**992**	**966**	**26**	**1,604.14**	**9,131,808.44**	**15**
Sun	2/22/2004	22	0	25.21	1139.34	0
Mon	2/23/2004	198	9	395.36	2229242	2
Tues	2/24/2004	196	6	384.36	2137743.5	2
Weds	2/25/2004	207	3	385.51	2229067.75	5
Thurs	2/26/2004	283	4	431.56	2255899.75	4
Fri	2/27/2004	240	13	346.2	1639589.88	9
Sat	2/28/2004	88	0	25.02	15365.86	0
Weekly Total	**1269**	**1,234**	**35**	**1,993.22**	**10,508,048.08**	**22**
Monthly Total	**4521**	**4,407**	**114**	**7,556.61**	**42,622,023.65**	**69**

Production Transport History

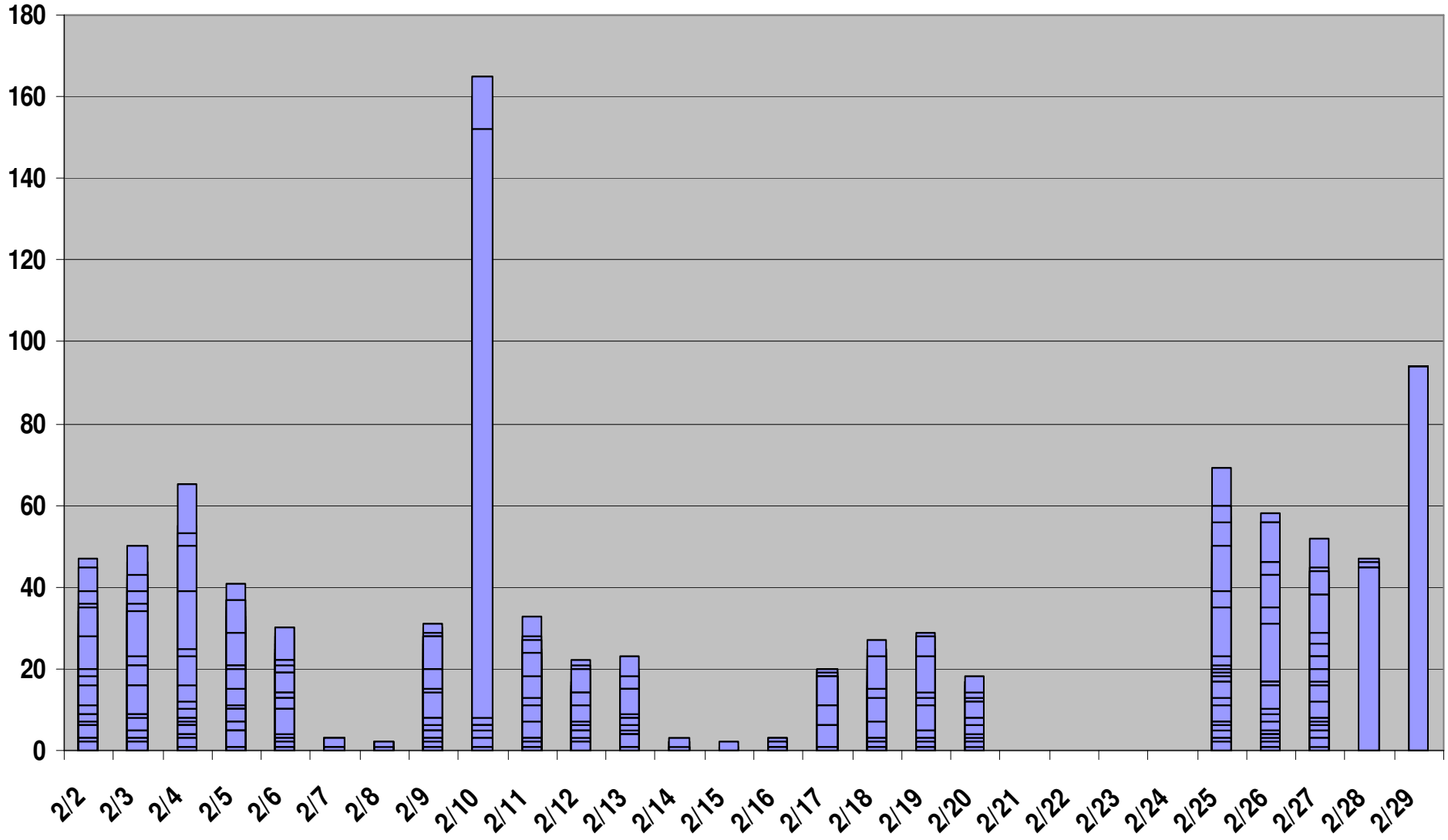


*** - Excludes 383 new P01 transports for Production Patch Application activity on 8/8 & 8/9.**
**** - Excludes 40 new P01 transports for IFMP Release 4.1 the week of 10/25.**

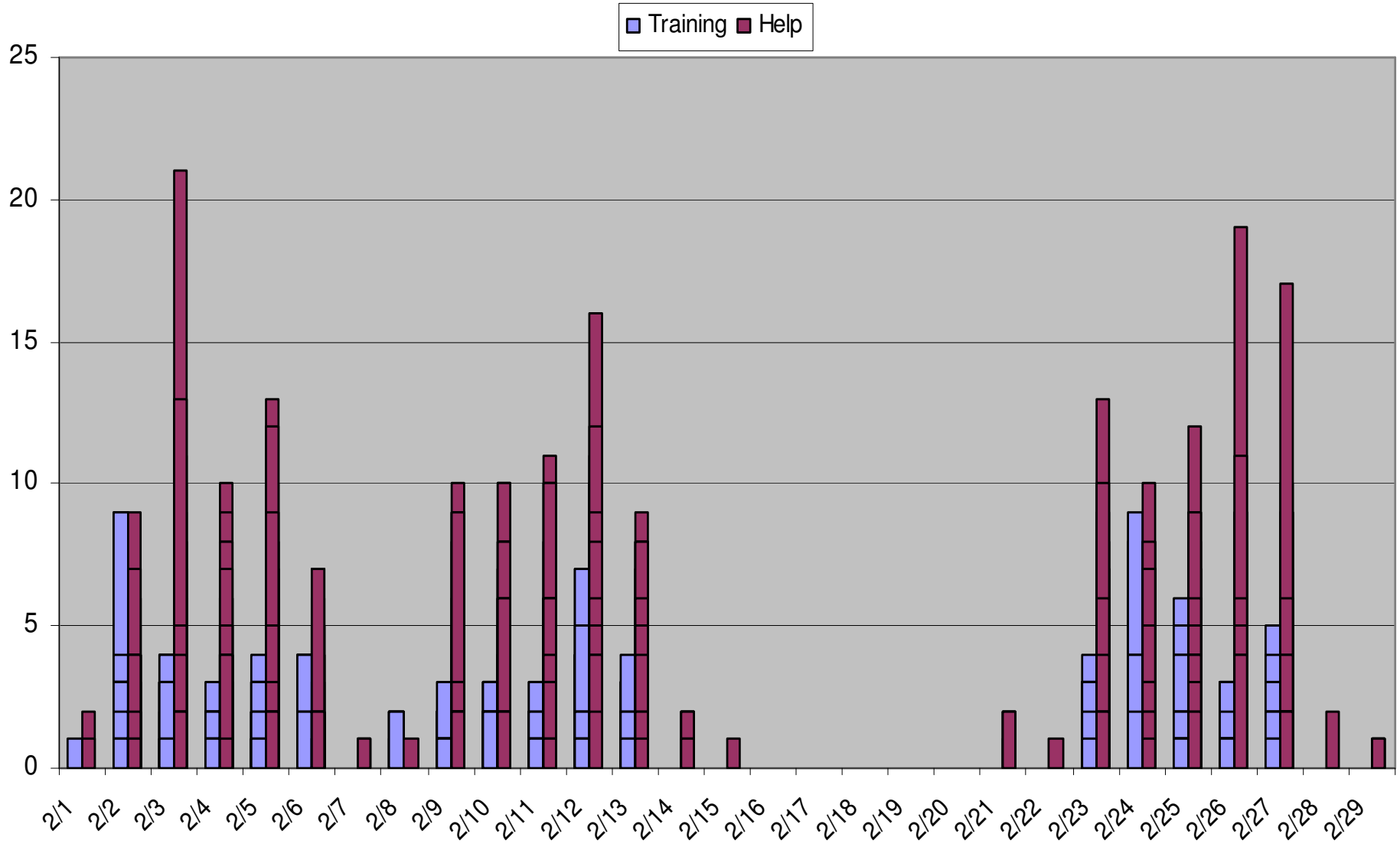
Entry Page & ITS Peak Concurrent Users



Bank Card Peak Concurrent Web Users

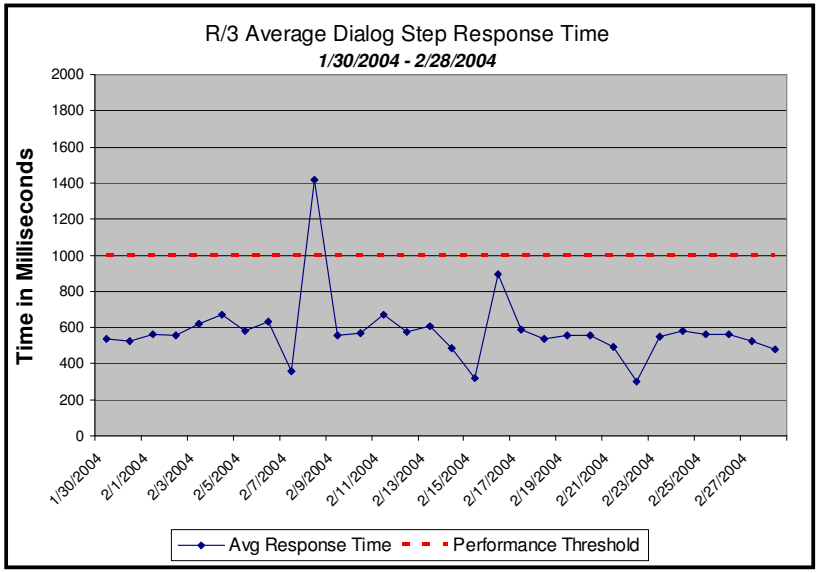


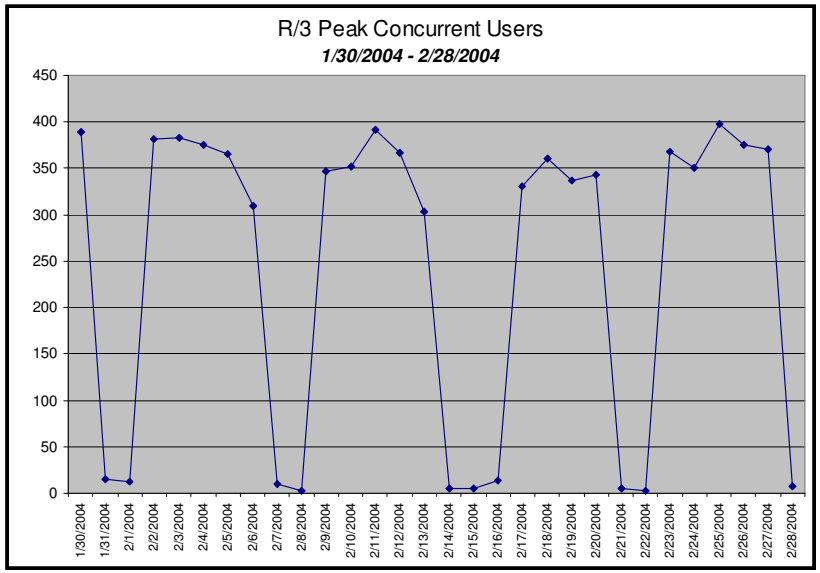
Online Training and Online Help Peak Concurrent Users

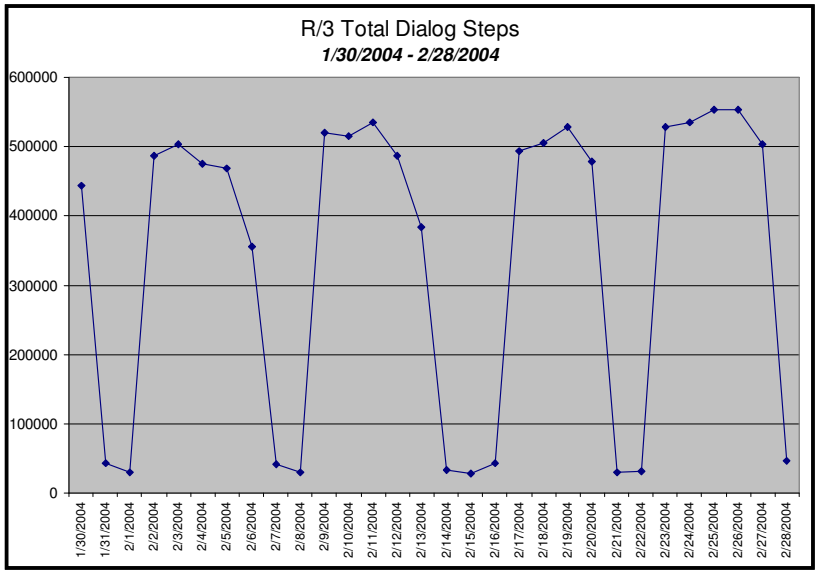


R/3 System

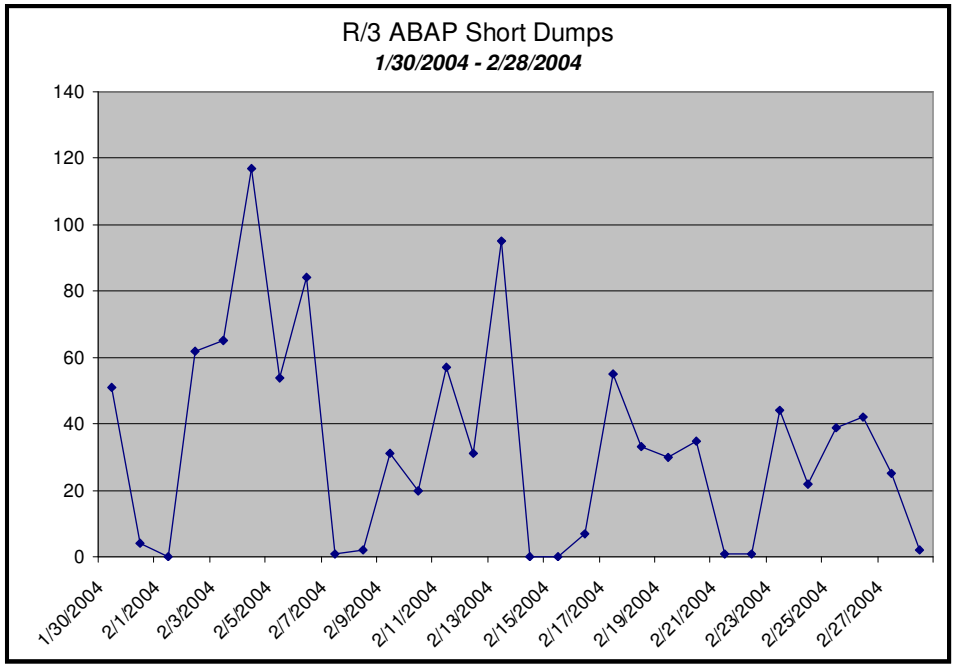
System Performance Metrics

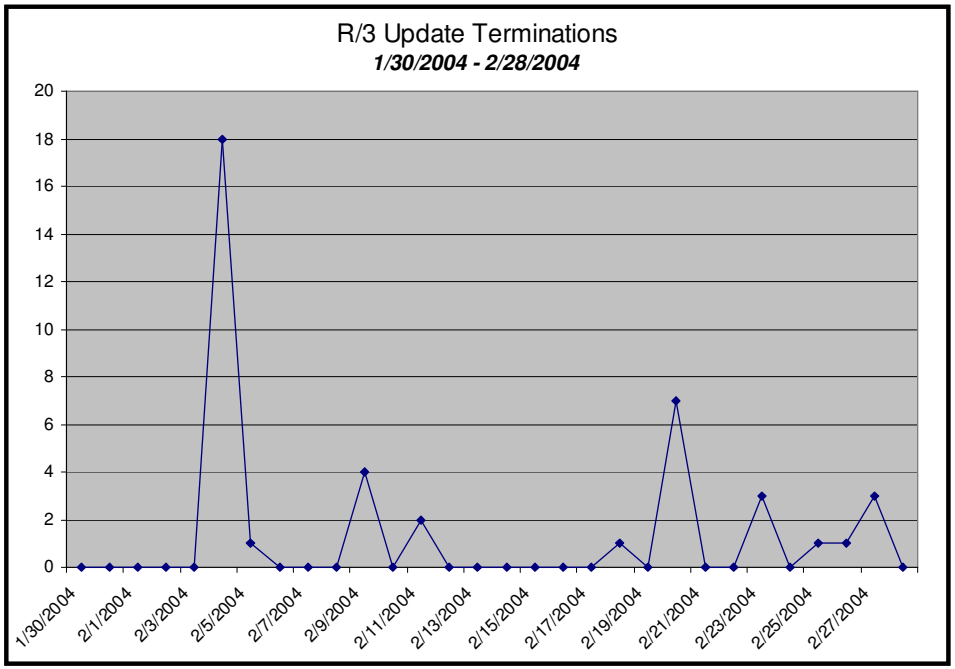






R/3 System
Performance Issues

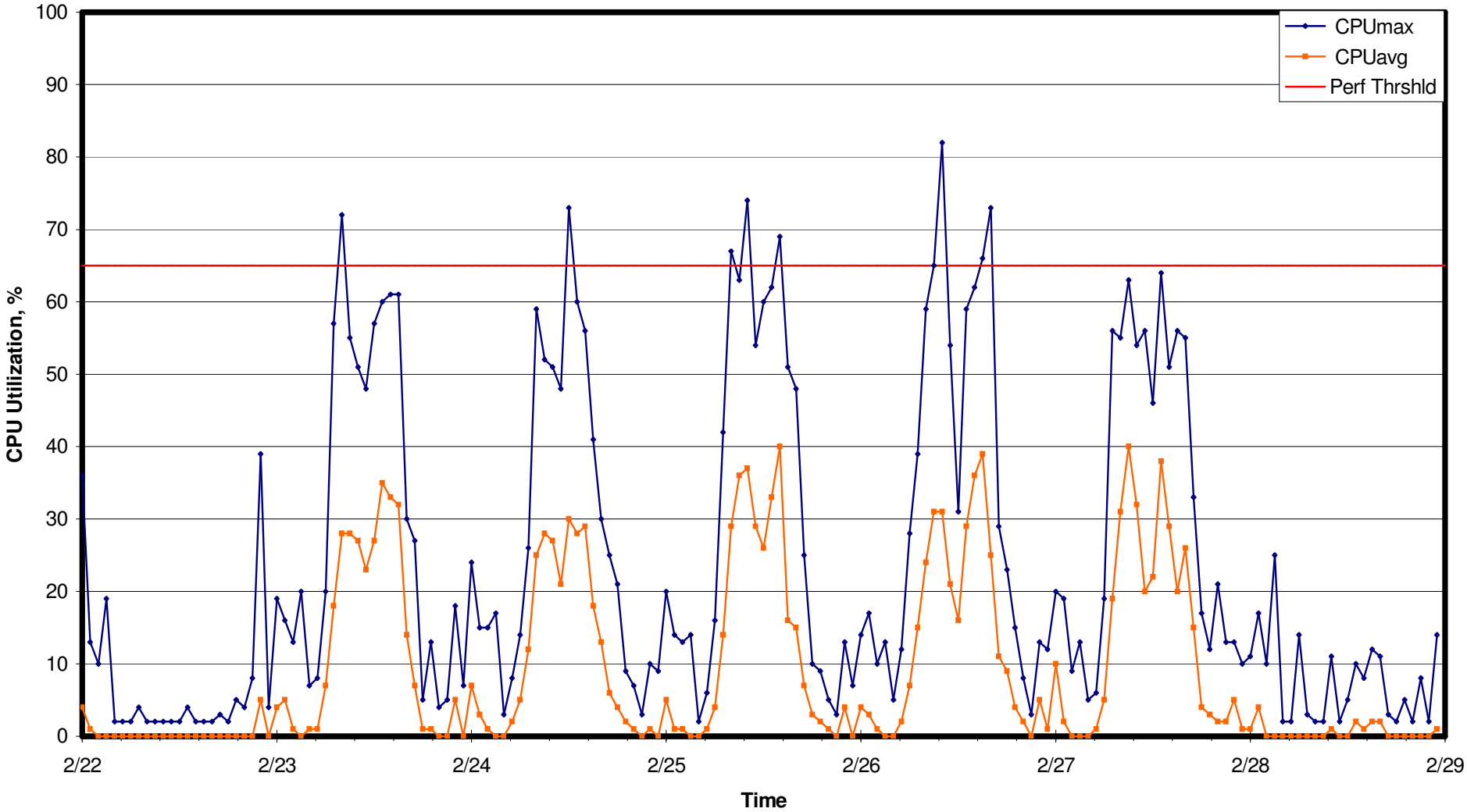




R/3 System

Application Server AS03 CPU Statistics

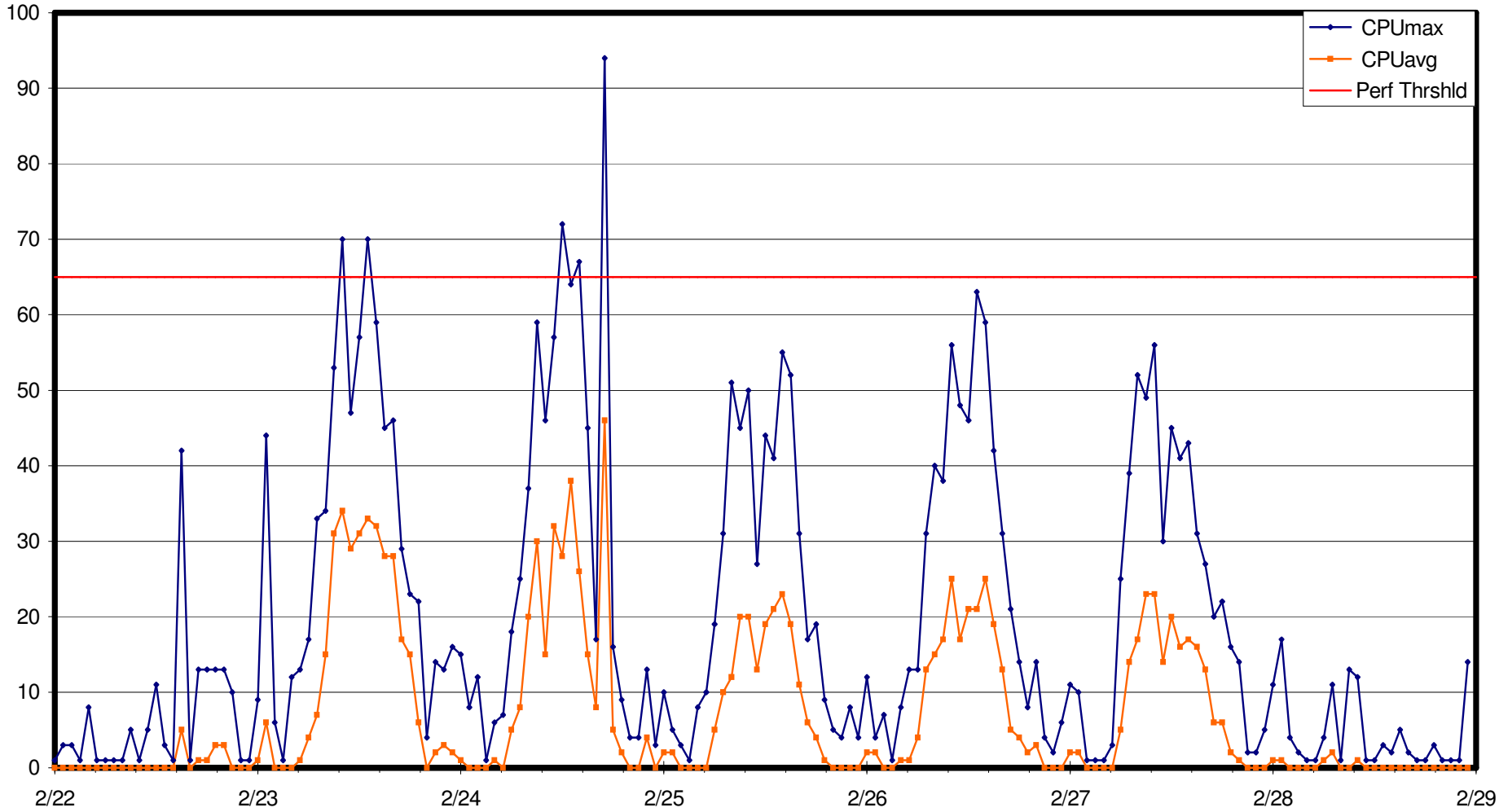
AS03 CPU Utilization from Sunday, 2/22/2004, through Saturday, 2/28/2004



R/3 System

Application Server AS04 CPU Statistics

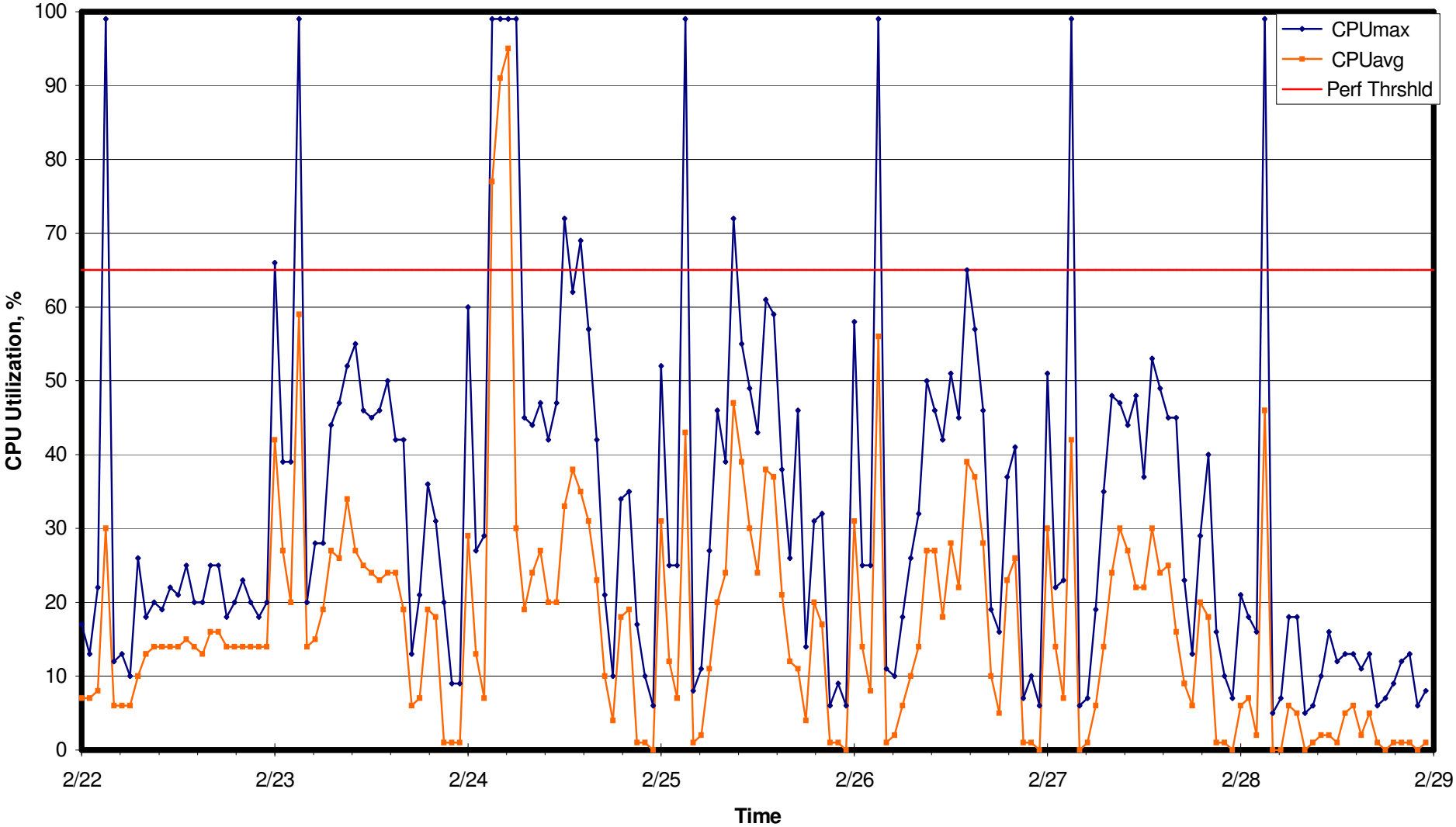
AS04 CPU Utilization from Sunday, 2/22/2004, through Saturday, 2/28/2004



R/3 System

DB Server CPU Utilization Statistics

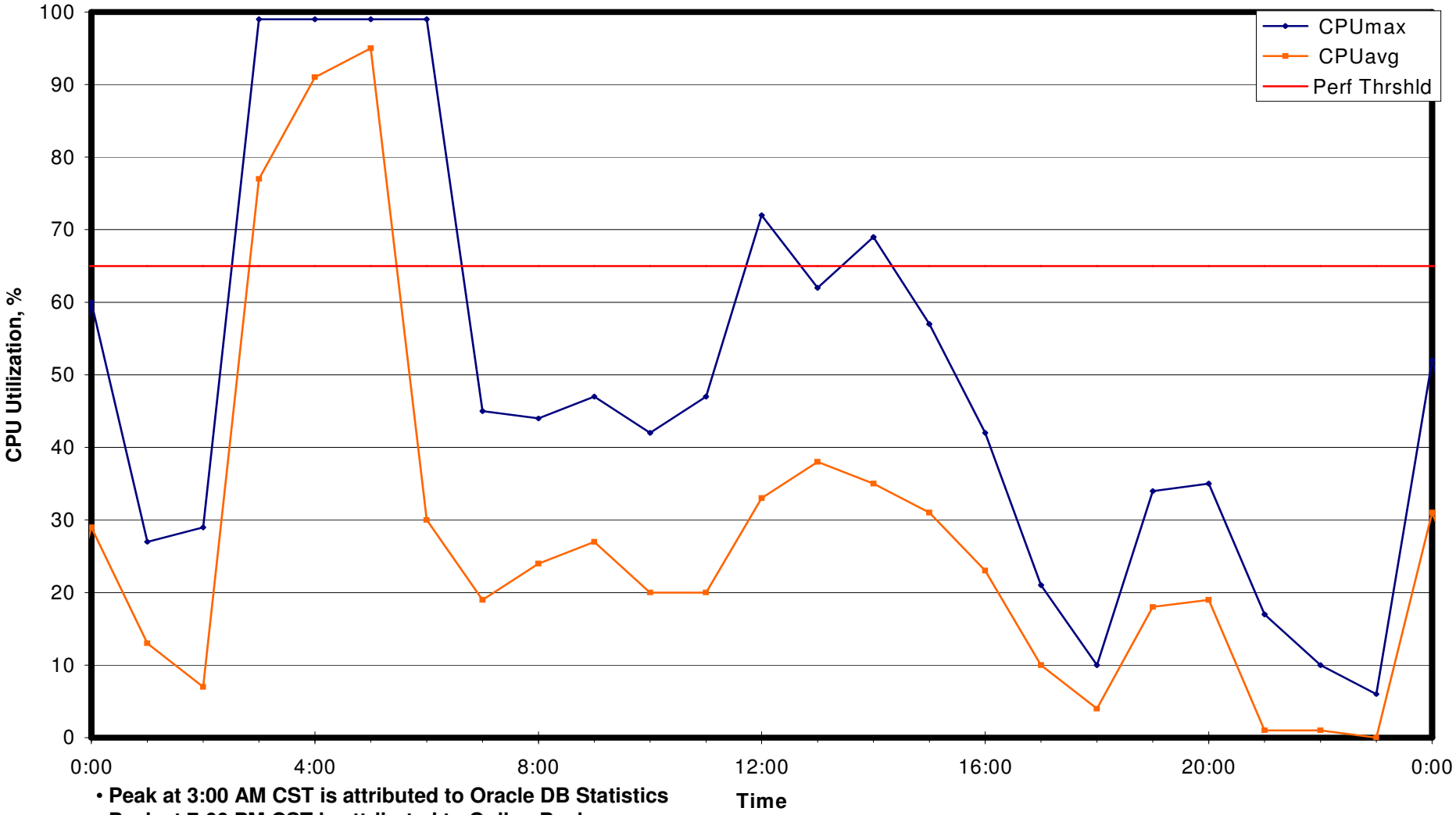
DB CPU Utilization from Sunday, 2/22/2004, through Saturday, 2/28/2004



R/3 System

DB Server CPU Statistics 2/24/04

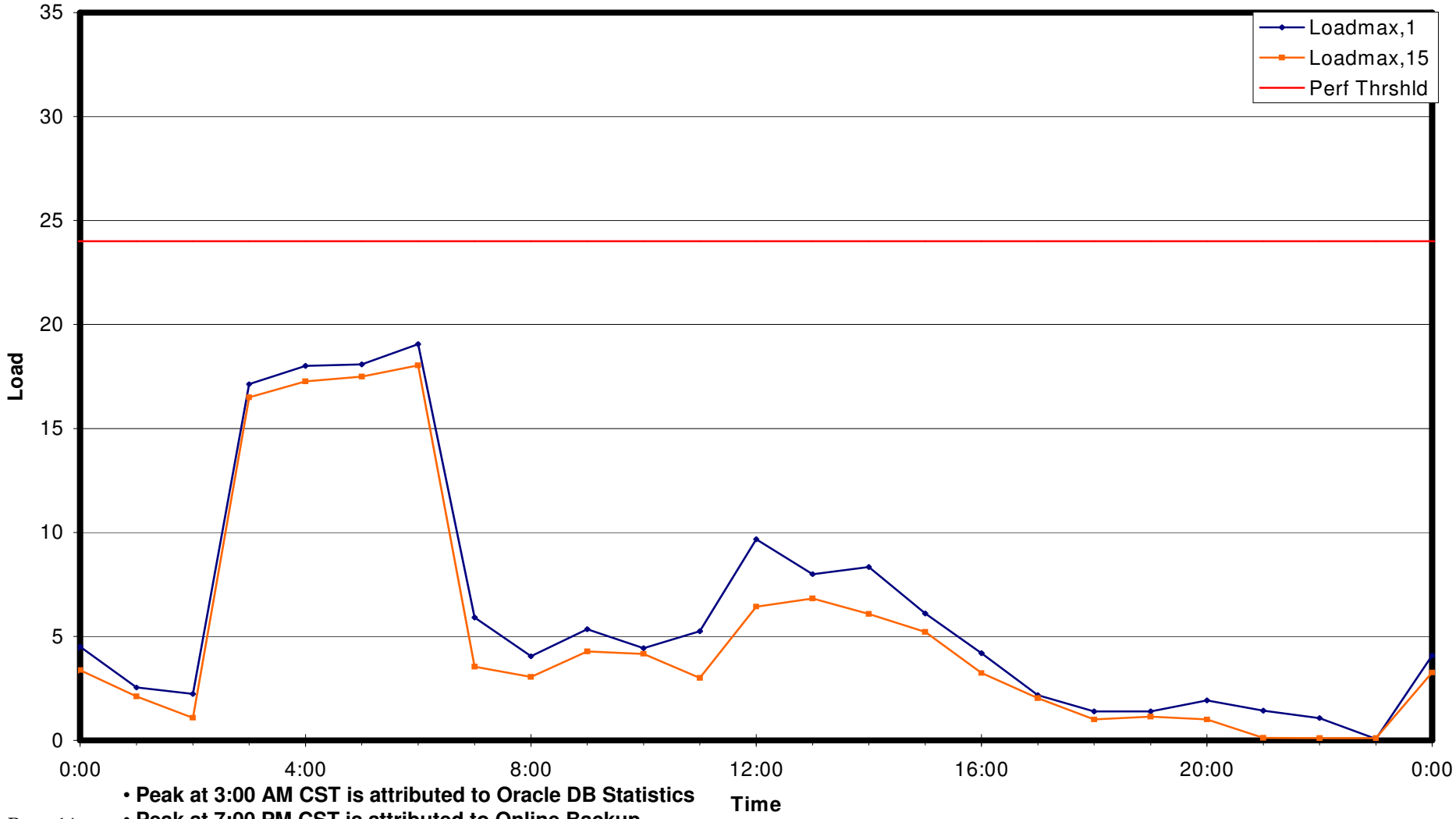
DB CPU Utilization on Tuesday, 2/24/2004



- **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

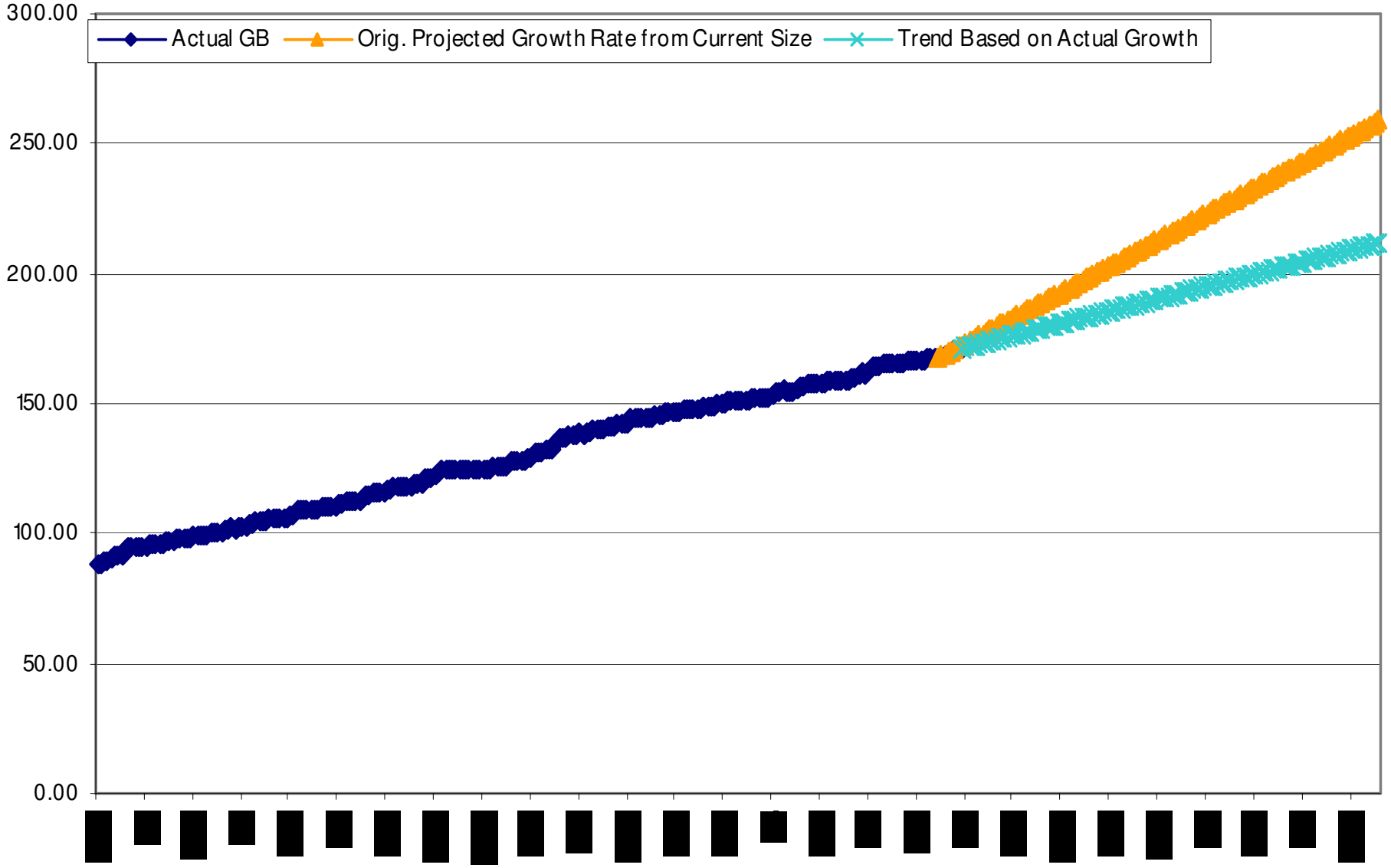
DB Server Load Statistics 2/24/04



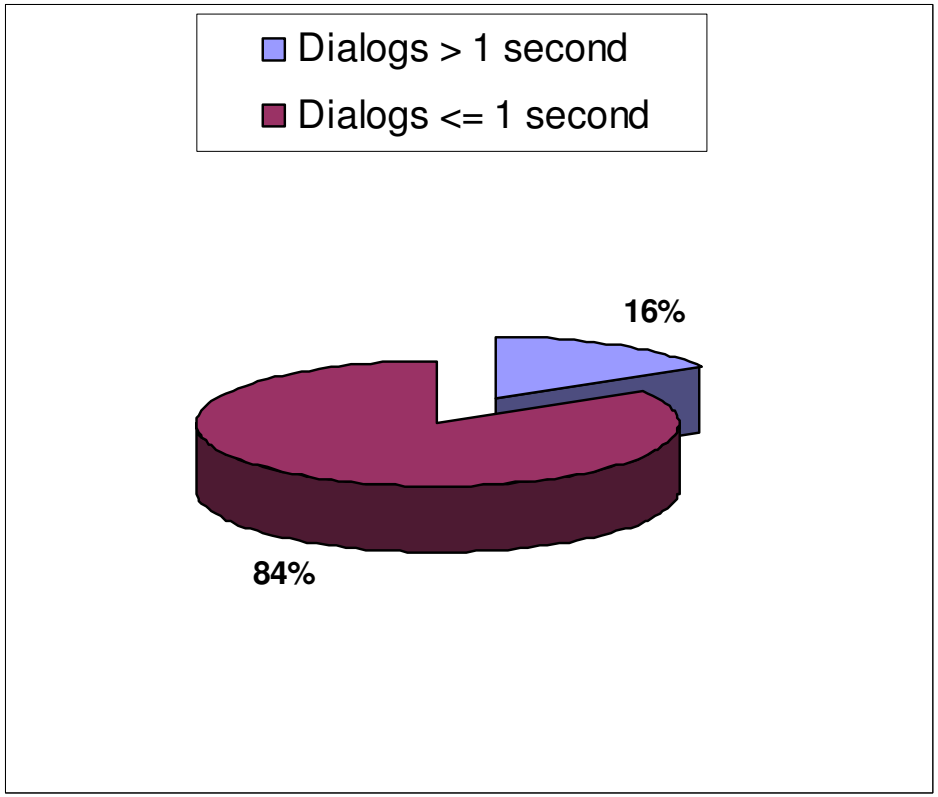
- Peak at 3:00 AM CST is attributed to Oracle DB Statistics
- Peak at 7:00 PM CST is attributed to Online Backup

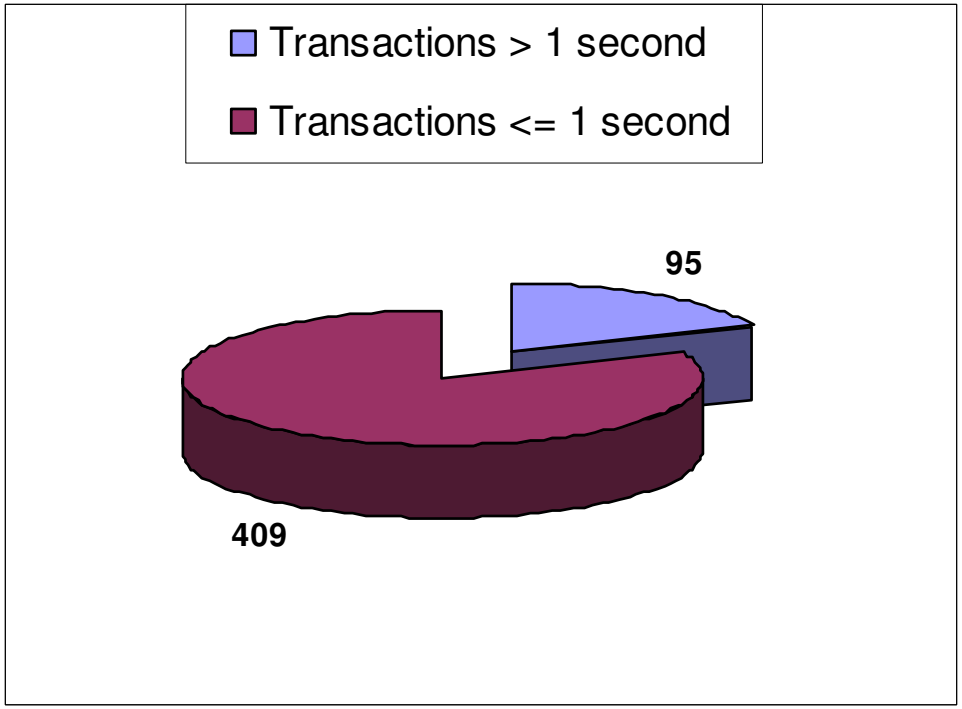
R/3 Database Size: 171.22 GB

Last Week: 167.50 GB



R/3 Dialogs for Week Ending 2/29/2004





Top R/3 Transactions (Response Time and Dialogs)

Response Time

Program or Tcode	Dialog steps	Response time total (s)	Response time avg (ms)
MIR4	69,687	90,734	1,302
ZNASAST5	96,637	85,289	883
ME23N	163,589	77,014	471
ME53N	195,419	69,114	354
MIRO	23,819	59,136	2,483
RFMFGRCN_RP1	11,585	58,759	5,072
FBL1N	103,372	56,259	544
ZNASACP	51,650	54,493	1,055
GR55	19,070	44,738	2,346
MIR7	12,393	40,547	3,272

Dialog Steps

Program or Tcode	Dialog steps	Response time total (s)	Response time avg (ms)
ME53N	195,419	69,114	354
ME23N	163,589	77,014	471
FBL1N	103,372	56,259	544
ZNASAST5	96,637	85,289	883
MIR4	69,687	90,734	1,302
ME22N	61,727	31,624	512
ZNASACP	51,650	54,493	1,055
ZCOM1	50,600	15,770	312
ME51N	44,782	31,386	701
FB03	39,986	6,243	156