Core Financial System Performance Metrics

May 28, 2003

Core Financial Performance

Weekly Agenda

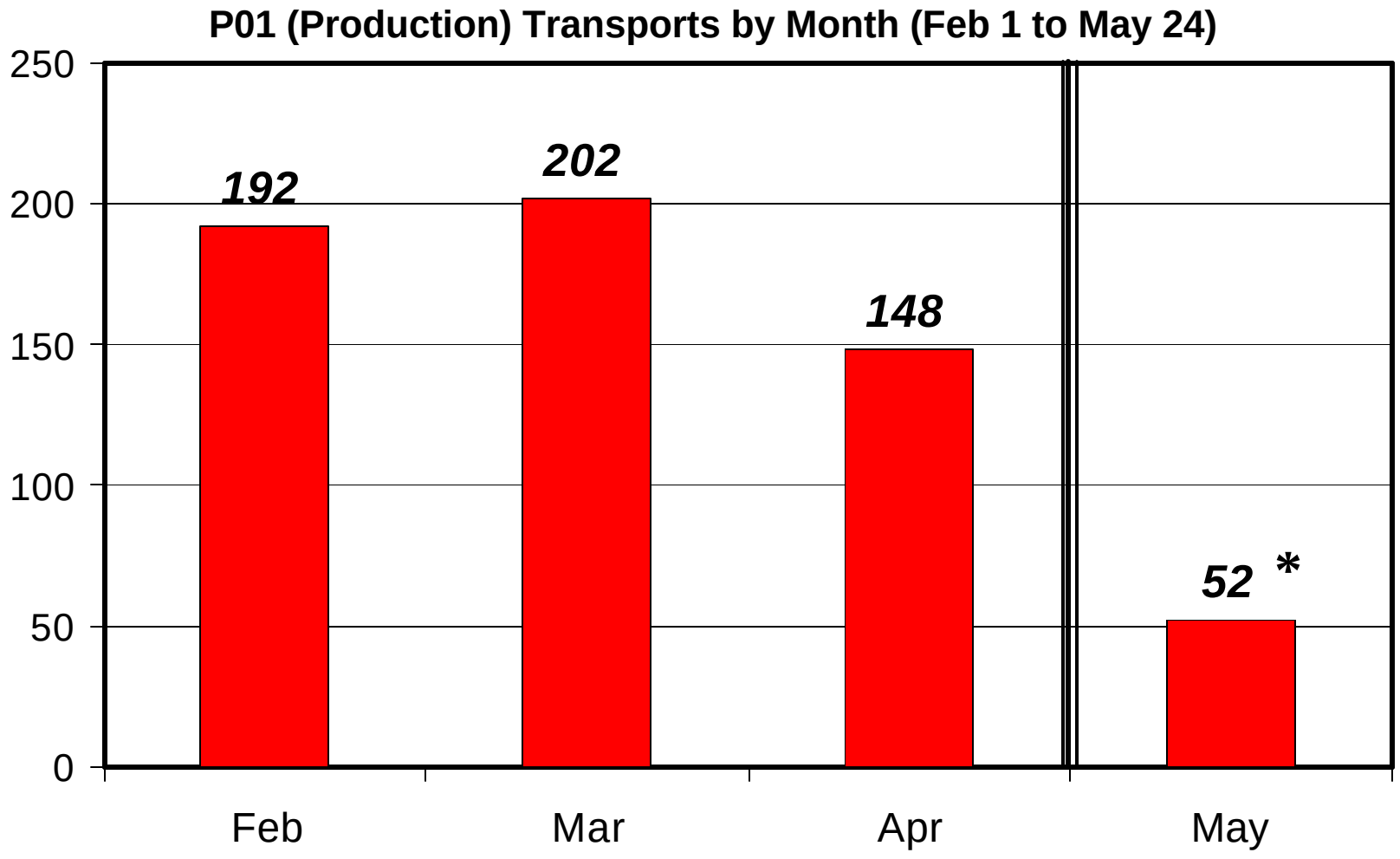
- Batch Schedule Data
- System Change / Transport History
- ITS / Entry Page Concurrent Users
- BankCard Concurrent Users
- R/3 System Data
- R/3 System Dialog Step and User Statistics
- Database Sizing

- Top Ten Transactions

Batch Scheduling Statistics

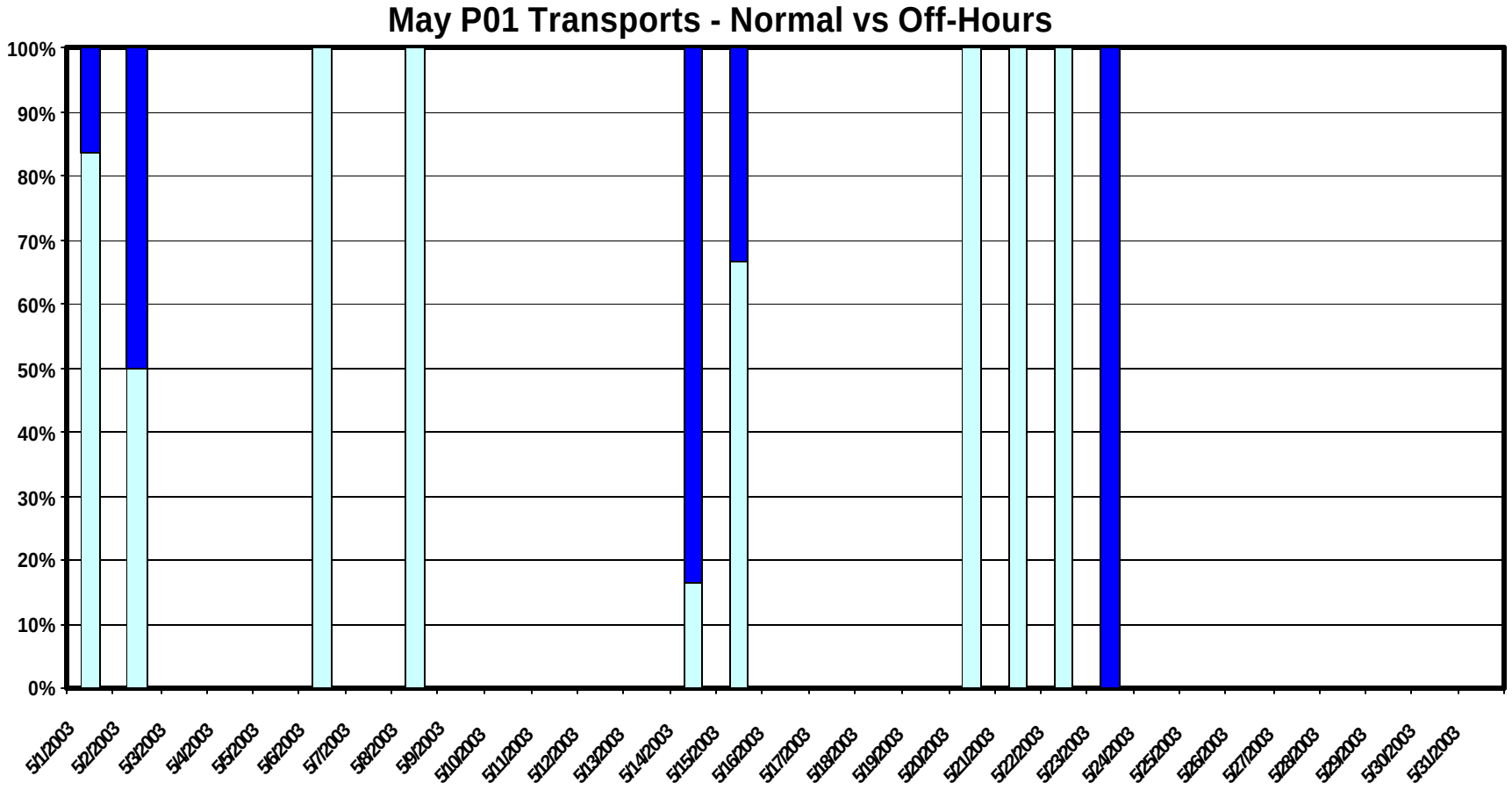
		AutoRun Jobs	On-Demand Jobs	CPU Time (In Seconds)	Elasped Times (In Seconds)	Trouble Tickets	CR's
Sun	5/4/2003	17		15.46	350062.81	2	
Mon	5/5/2003	117	2	535.4	1062803.5	1	3
Tues	5/6/2003	117	5	556.71	941749.94	4	1
Weds	5/7/2003	106	6	584.03	995587.5	2	1
Thurs	5/8/2003	140	5	578.67	1009837.88	3	1
Fri	5/9/2003	130	3	574.17	1082872.38	2	1
Sat	5/10/2003	13		33.52	41266.9		
Weekly Total	**661**	**640**	**21**	**2,877.96**	**5,484,180.91**	**14**	**7**
Sun	5/11/2003	9		10.69	152.61		
Mon	5/12/2003	125	7	529.69	886540.06	3	3
Tues	5/13/2003	147	1	557.97	928237.5		1
Weds	5/14/2003	138	7	609.75	1014129.81		
Thurs	5/15/2003	135	14	620.46	1008013.81	5	3
Fri	5/16/2003	122	8	540.1	877568	10	1
Sat	5/17/2003	4		61.1	134588.06		
Weekly Total	**717**	**680**	**37**	**2,929.76**	**4,849,229.85**	**18**	**8**
Sun	5/18/2003	6		9.99	21.9		
Mon	5/19/2003	138	8	578.3	941773.81	4	2
Tues	5/20/2003	149	1	629.05	1013920.38		3
Weds	5/21/2003	158	12	643.19	1033177.12	4	2
Thurs	5/22/2003	148	6	673.15	1130588.5	2	1
Fri	5/23/2003	141	2	599.83	1013045.56	1	
Sat	5/24/2003	12		30.01	35348		
Weekly Total	**781**	**752**	**29**	**3,163.52**	**5,167,875.27**	**11**	**8**

System Change / Transport History



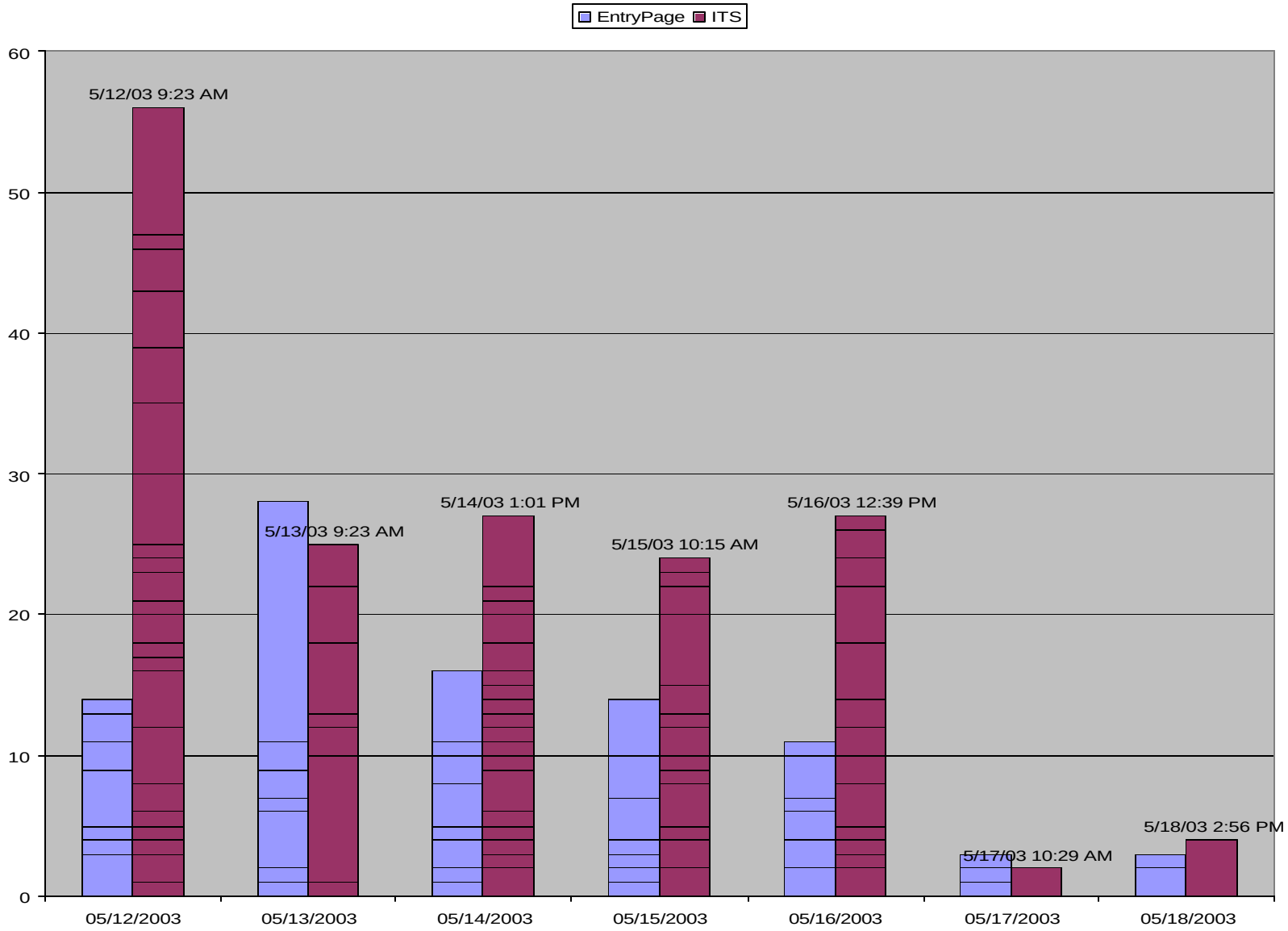
*** - Excludes 428 new P01 transports for Wave 3 Code Roll-Up Transports from 5/16 - 5/18 (out of 1,552 total).**

Production Transport History – Normal vs. Off Hours

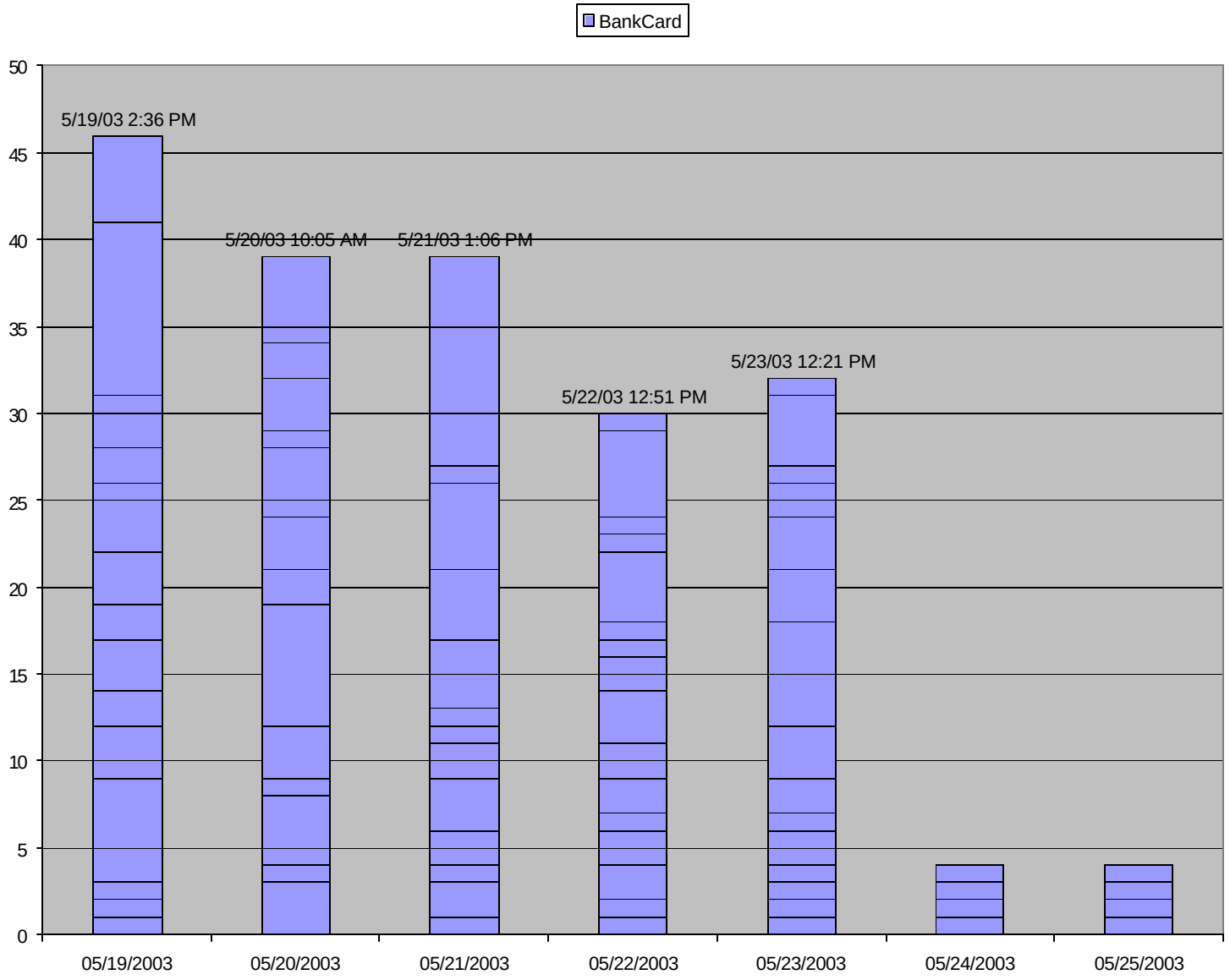


	5/1	5/2	5/6	5/8	5/14	5/15	5/20	5/21	5/22	5/23	5/24	5/25	5/26	5/27	5/28	5/29	5/30	5/31
% Off	17%	50%	0%	0%	83%	33%	0%	0%	0%	100%								
% Reg	83%	50%	100%	100%	17%	67%	100%	100%	100%	0%								

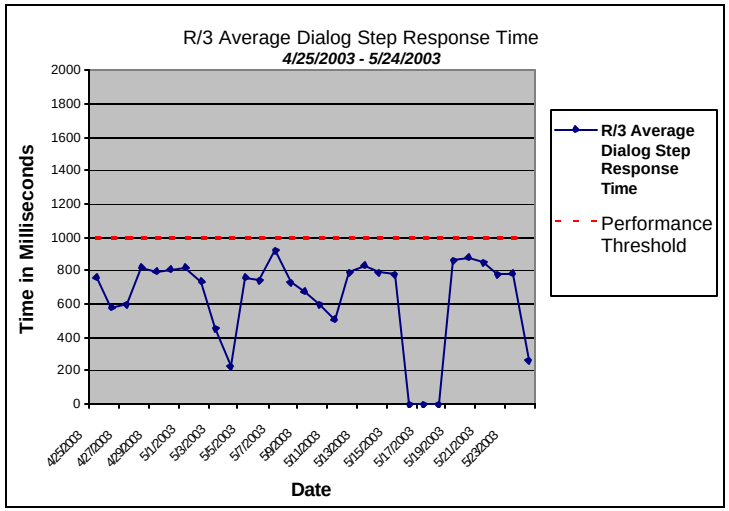
Entry Page & ITS Peak Concurrent Users

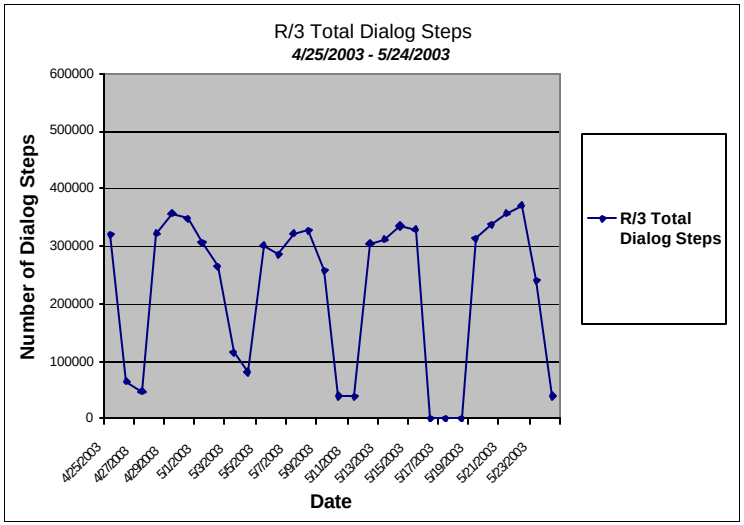


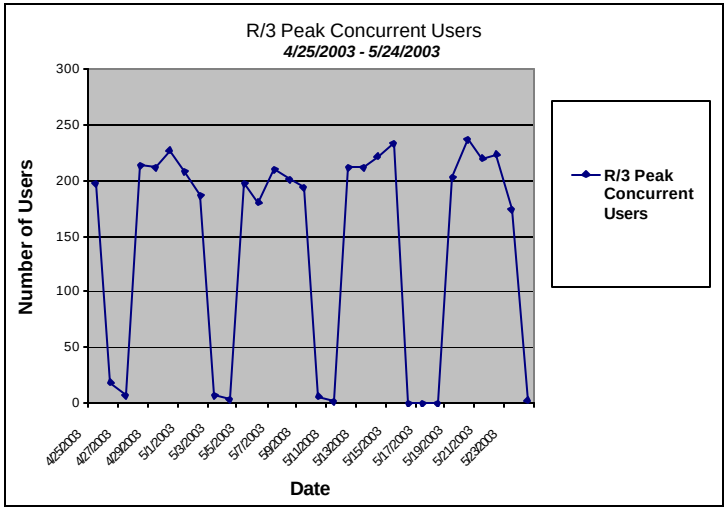
Bank Card Concurrent Users



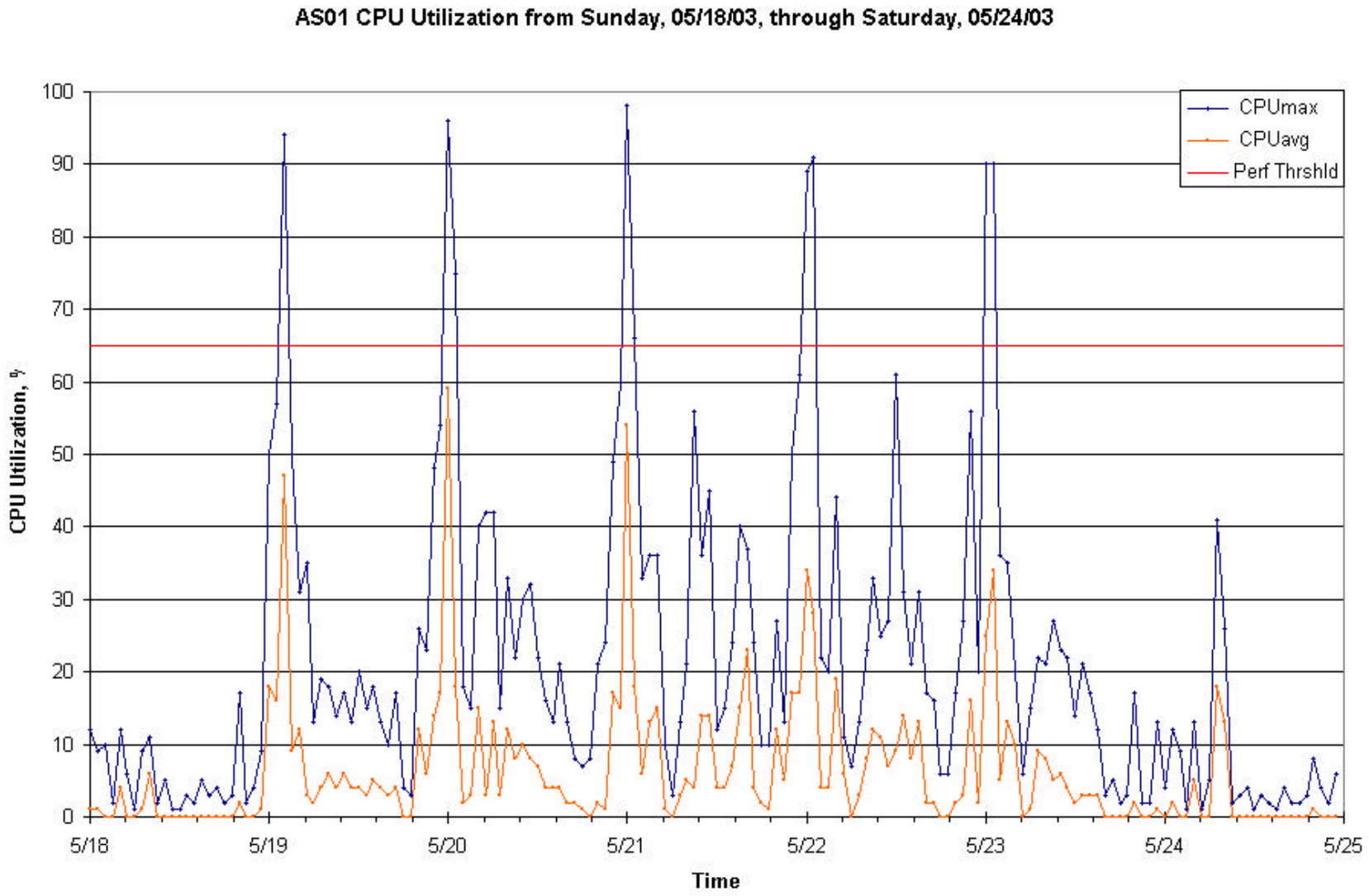
R/3 System
Dialog Step & User Statistics



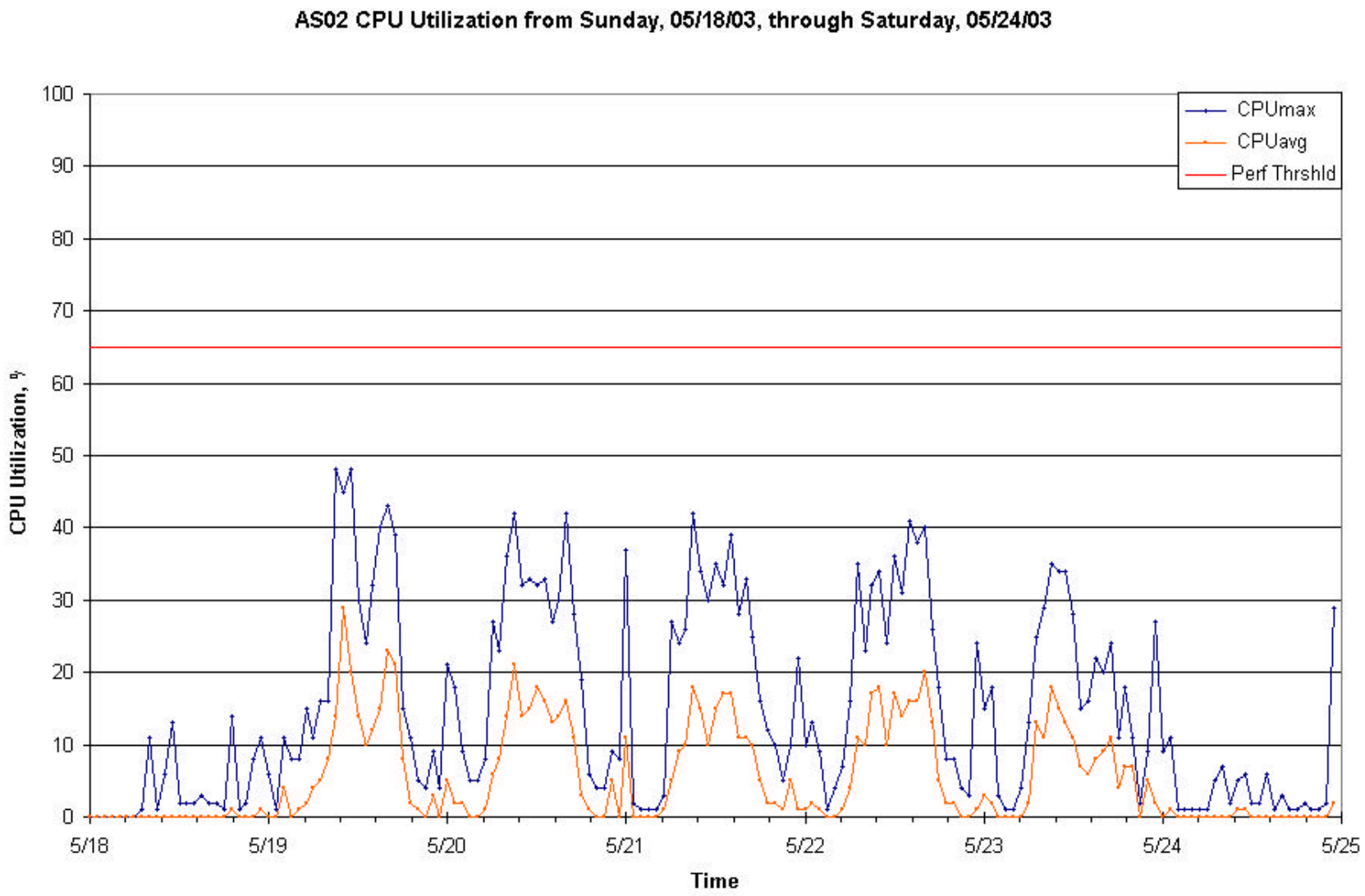




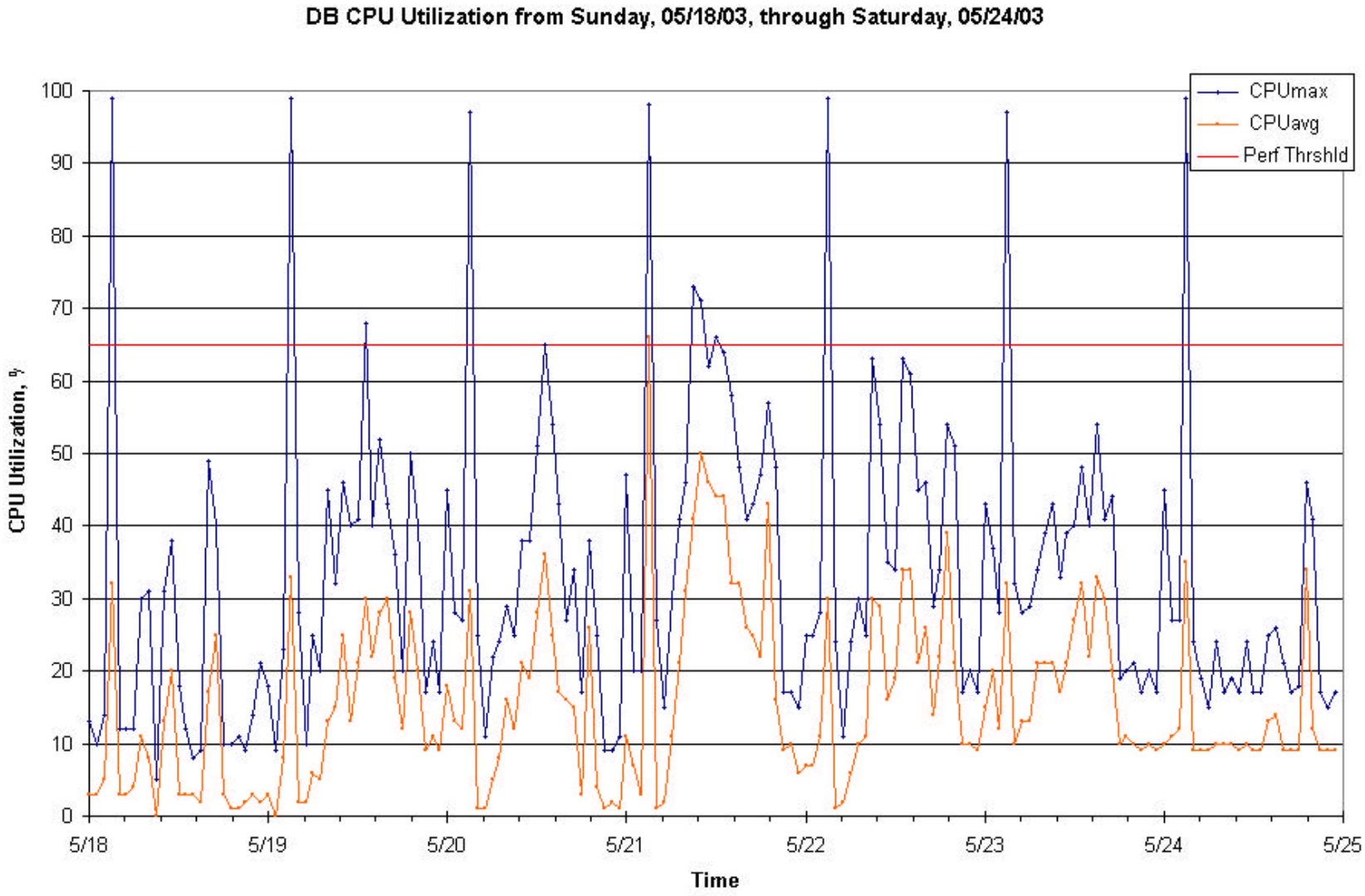
R/3 System
Application Server AS01 CPU Statistics



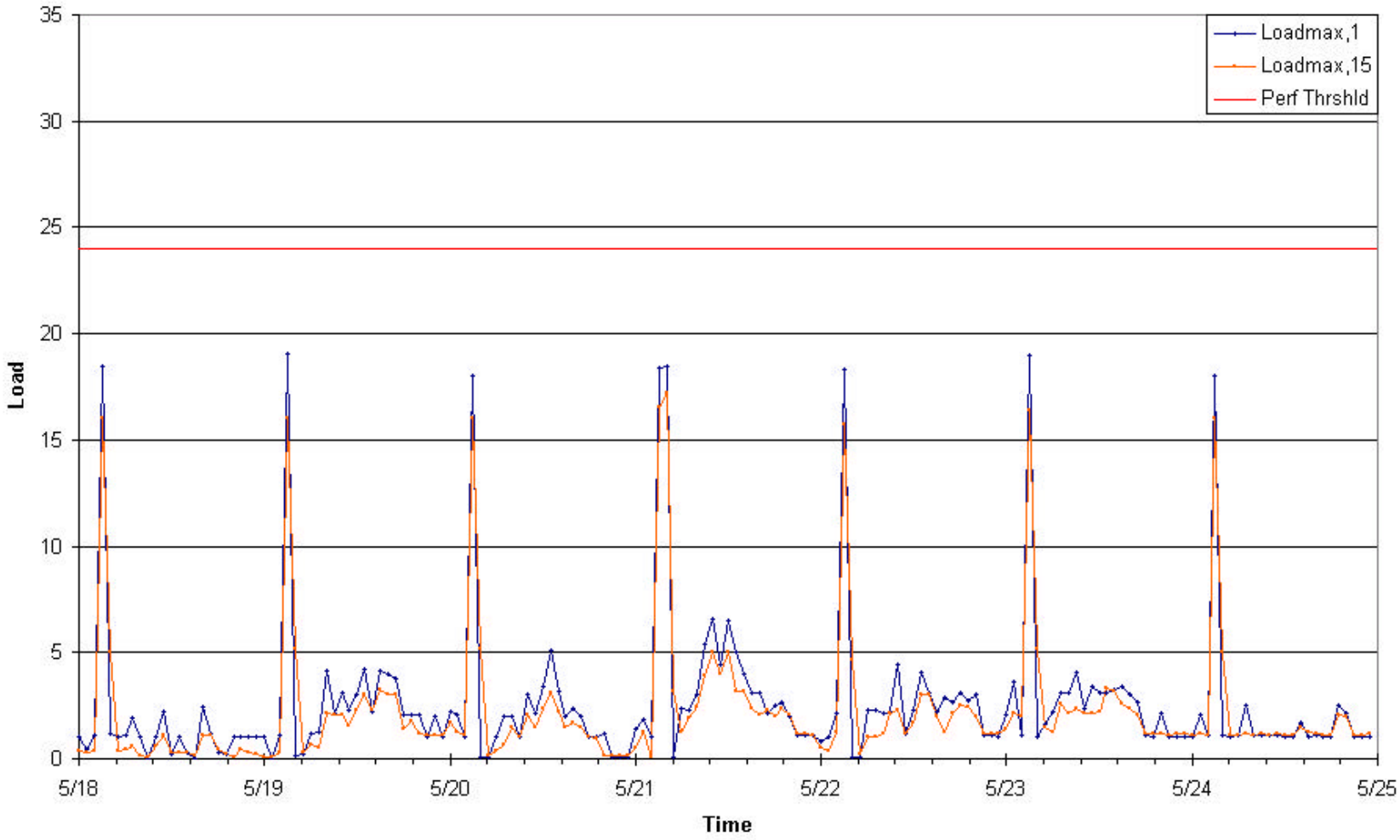
R/3 System
Application Server AS02 CPU Statistics



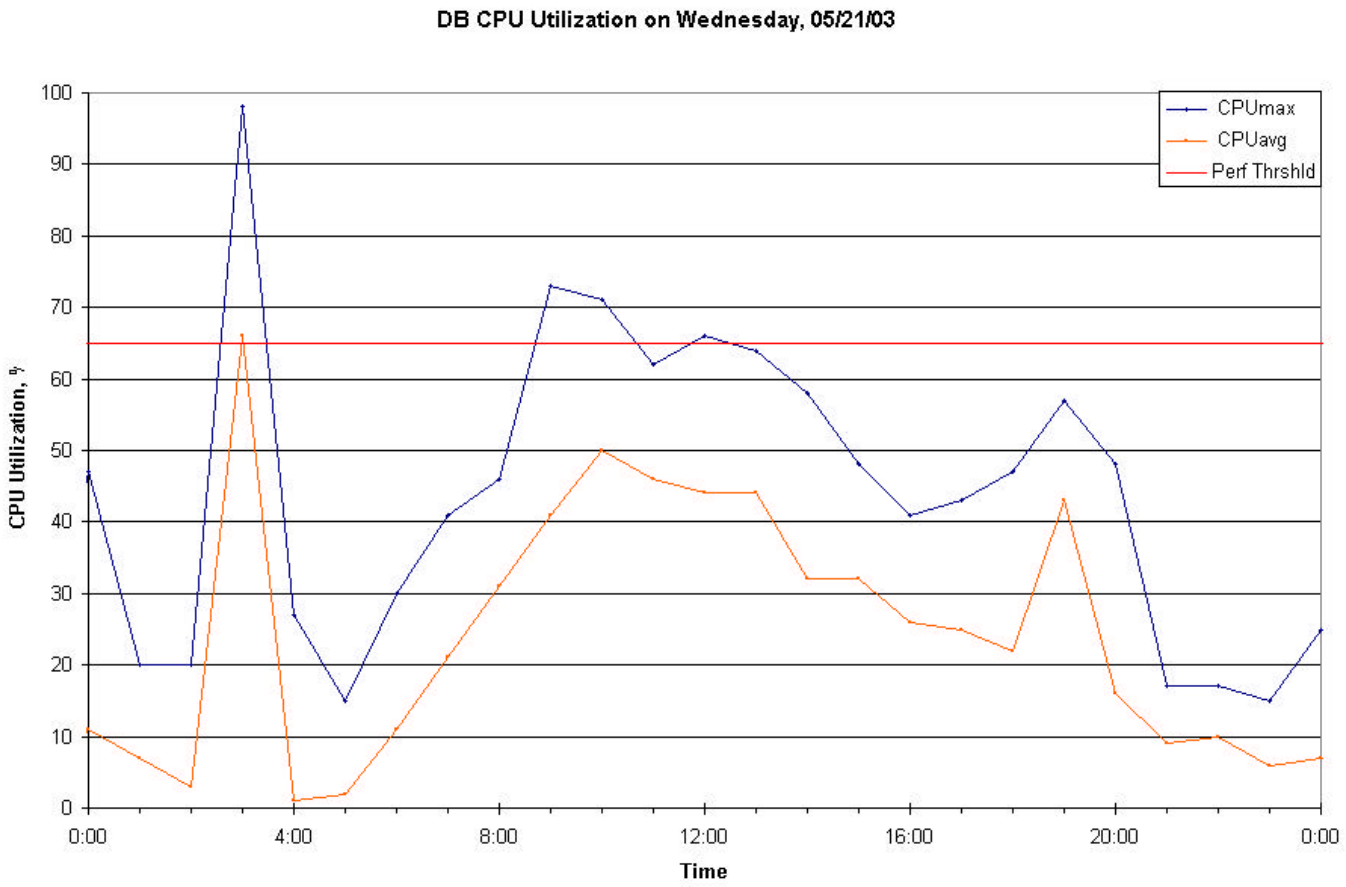
R/3 System
DB Server CPU Utilization Statistics



R/3 System
DB Server Load Statistics



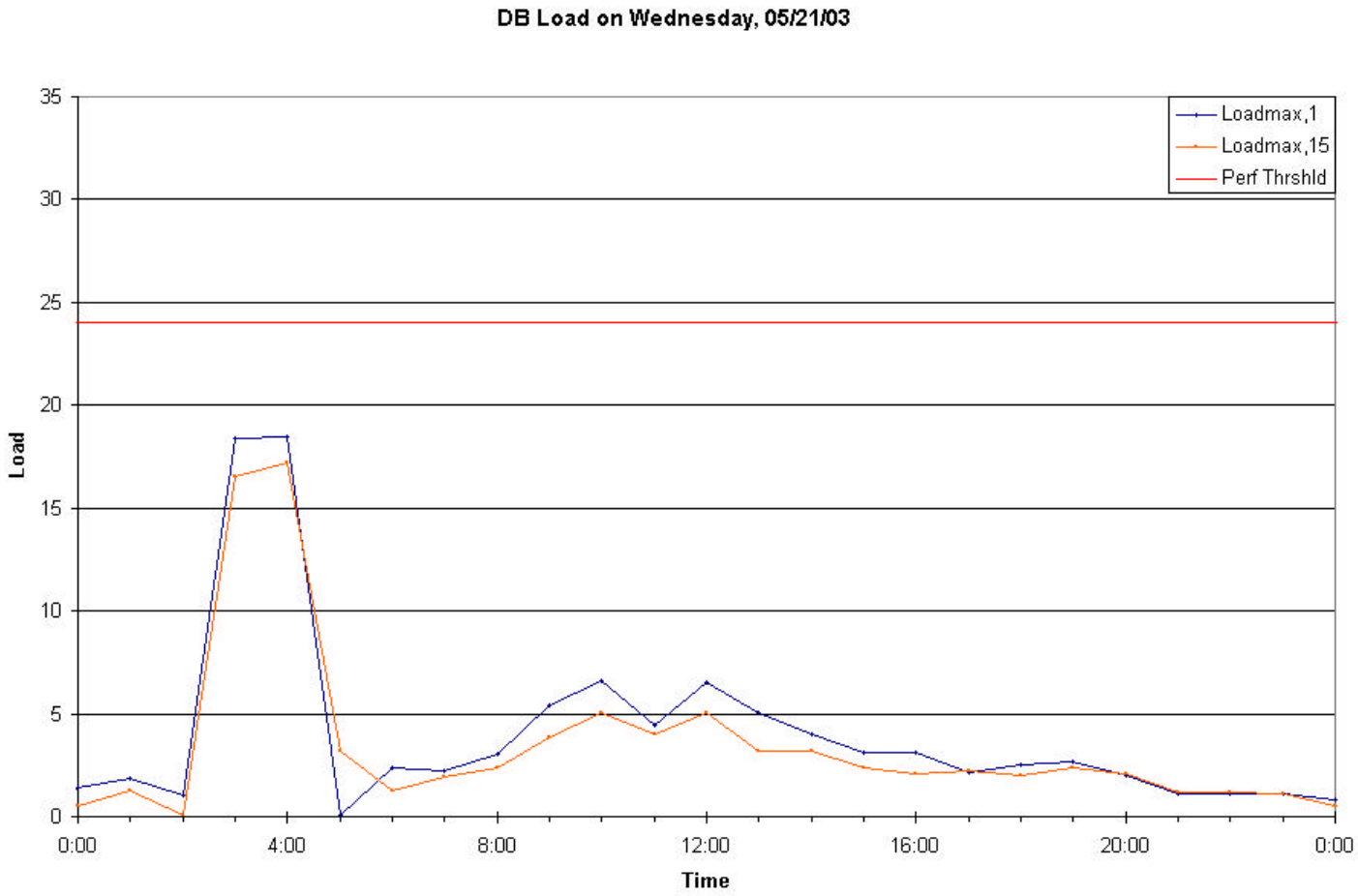
R/3 System
DB Server CPU Statistics 5/21/2003



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

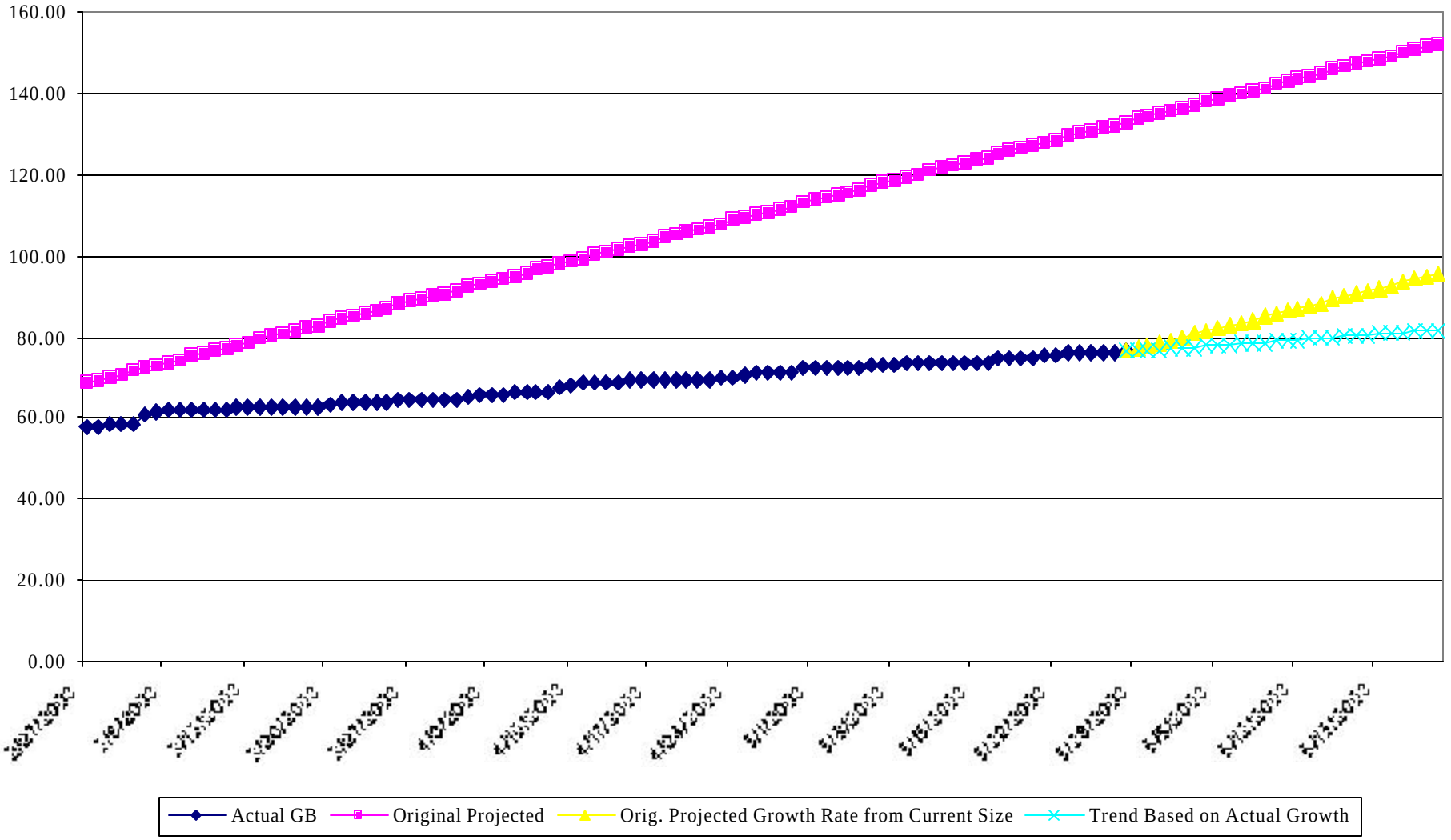
R/3 System

DB Server CPU Load Average 5/21/2003

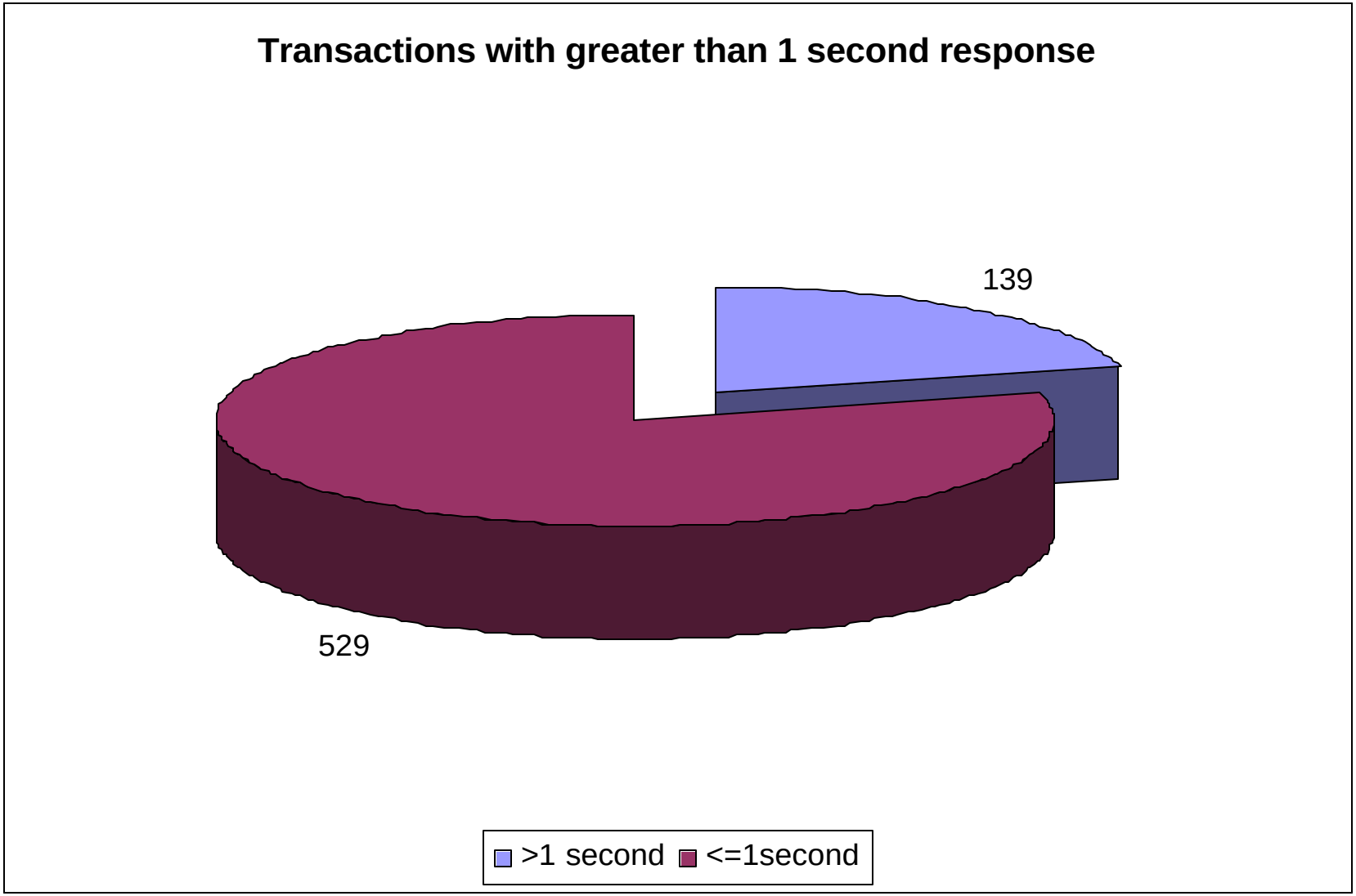


- **CPU utilization peak at 3:00 AM CST is attributed to Oracle DB Statistics**
- **CPU utilization peak at 7:00 PM CST is attributed to Online Backup**

R/3 Database Size: 76.35 GB



R/3 Dialogs for Week Ending 5/24/2003



Top R/3 Transactions

Response Time

Program	Dialog	Response time	
or Tcode	steps	total (s)	avg (ms)
S_BCE_680014	3	219	72,857
ZFI_AP_EQUIP	7	374	53,429
RSA3	305	12,064	39,554
S_BCE_680013	27	899	33,311
F.81	217	5,093	23,471
ZCCARPT2	1	19	19,429
ZFI_AP_PAY_A	48	914	19,047
S_KI4_380003	1	18	18,394
ZUSER_DEPT	84	1,035	12,320
FMBV	20	240	11,995

Dialog Steps

Program	Dialog	Response time	
or Tcode	steps	total (s)	avg (ms)
ME53N	102,502	81,257	793
ME23N	68,992	58,500	848
SESSION_MANA	59,997	63,558	1,059
SAPMSYST	51,371	8,893	173
ZNASAST5	50,988	78,518	1,540
ZCOM1	42,034	34,179	813
SBWP	41,859	41,301	987
FBL1N	35,284	33,448	948
MIR4	34,725	27,519	792
ME51N	33,000	32,964	999