State Data Center
Cost Allocation Plan
Fiscal Year 2015

Introduction (A)

Contents

The details of the cost allocation plan and resulting billing rates are presented in sections A through G. In summary these are:

- Introduction (Section A) – CAP methodology, and explanation of terms.

- Budget Summary (Section B) - Summarized anticipated expenditures for personnel and operating expenses for the SDC.

- Budget Detail (Section C) - Itemized estimated expenditures for the SDC. Yearly salaries by position, fringe benefits, and itemized expense and equipment by cost center are identified and totaled to arrive at the total SDC operating budget.

- Utilization Estimates by Customer (Section D) - estimated utilization for each service available by customer.

- Billing Rate Derivation (Section E) - Itemized list of costs allocated to a specific service and the rate calculation for that service.

- Cost Estimates by Customer (Section F) - Estimated billings for each customer based on the customer's estimated utilization and the rate.

- Rate Comparison (Section G) - Comparison of the current rates to the rates for the past four years.

Section A

Cost Allocation Method

A cost-based development method was employed in establishing billing rates. The benefits of this cost based method are two. First, it is a full-cost recovery process. That is, both direct and indirect costs are included, which minimizes the potential problem of under/over recovery of the SDC's total budgeted costs. Second, each customer is treated in an equitable manner. That is, the rate is based upon the amount of resources used.

This method requires the development of a cost allocation plan which is accomplished through the execution of the following work steps.

1. Determine rate category for services provided - the types of customer services provided by the SDC are identified and approved by the Chief Information Officer (CIO).

2. Establish units of service - the unit of service used to measure the volume of service provided for each service type is established based on three major criteria:

    a. relationship to the function performed
    b. measurability
    c. controllability by the customer

3. Compile customer estimated utilization - the estimated utilization by customer for each service provided is compiled. The individual estimates are then totaled to develop the basis for computation of the billing rate.

4. Identify types of cost - two basic types of cost are identified, allocated direct and allocated indirect. Allocated direct costs are those personnel and expense and equipment costs that can be directly identified with providing a type of service. Allocated indirect costs are related support costs that cannot be directly identified with providing a specific type of service.

5. Determine allocated direct costs - budgeted personnel and expense and equipment costs that can be directly identified with providing a specific type of service are accumulated to determine total allocated direct costs by type of service.

6. Determine allocated indirect costs - budgeted costs identified as allocated indirectly are prorated among the types of service.

7. Summarize total costs by service - total cost by service is determined by adding the direct and indirect allocated costs and job costs.

8. Calculate rate per unit of service - the rate per unit of service is calculated by dividing the total annual cost by the total estimated annual utilization.

Section A

Explanation of Terms

- Allocated Direct - Personnel service and expense and equipment costs that are directly identified with providing a specific type of service. For example, CICS software product cost is directly allocated to CICS Transactions.

- Allocated Indirect - Personnel service and expense and equipment costs that are not identified as being directly attributable to a specific type of service. For example, office supplies is allocated pro-rata to all types of services.

- AD\Exchange - These are costs associated with Active Directory and Email services to the customers. Costs are based on the number of accounts and\or the amount of email being stored on the servers.

- AIX Hosted Services – This service is associated with the base support of AIX based hosted services. AIX is a Series of proprietary Unix Operating Systems developed by IBM.

- CICS Transaction - A CICS Transaction is a request, made at a workstation, for a display of information on the workstation or the storage of information being entered from the workstation.

- COOL:Gen (Composer) Service Units - A COOL:Gen Service Unit is a translation of CPU resources used for batch jobs and TSO transactions when using the COOL:Gen product.

- CPU Service Unit - CPU resources used for batch jobs, TSO transactions, CICS transactions, IDMS transactions, DB2 ClientServer transactions, FOCUS, and DB2 transactions are monitored and measured in CPU service units. Service units used by DB2 transactions are reported under CICS, TSO, and Batch.

- Data Domain – A Data Deduplication and Replication Appliance used for backups.

- DistSys Backup-Recovery (Previously TSM & Data Domain) – Is an IBM software product that is used by customers to backup their servers and desktops. Cost to customers is based on how much backup storage they occupy.

- Enterprise Fax Services - Enterprise electronic fax services for sending and receiving faxes. Biscom electronic fax software is the fax product used.

- Laser Feet, Duplex Printing and Lines Printed - Print is based on lines printed (impact) or feet printed (laser/duplex) from the SDC mainframe printers.

- JIRA – Service provided to track issues and perform management.

- Job Costs - These are costs associated with backup, maintenance and monitoring of systems that are required to provide customer services. These costs are applied to the appropriate type of service.

- Physical Server Support (Previously Server Support) – Physical Server Support encompasses the many tasks of managing a physical server and it's infrastructure.

- Remote Server Support – Technical support and hardware replacement for servers not located in the State Data Center.

- SAN (Storage Area Network) - Disk Storage used by the Open System environment.

Section A

Explanation of Terms Continued

- sFTP – Secure File Transfer Protocol is the method used to transfer computer files from host to host. This service is used as a secure method to share files.

- SharePoint External – SharePoint services are used to store and track documents and provide collaboration through sites, communities, content, search, insights and composites. SharePoint External services are used to centralize access on the State's public DMZ. This is typically used to share access outside the organization.

- SharePoint Internal – SharePoint services are used to store and track documents and provide collaboration through sites, communities, content, search, insights and composites. SharePoint Internal services are used to centralize access on the State's private network.

- SSRS – SQL Server Reporting Services provides a range of ready-to-use tools and services to help create, deploy and manage reports. SSRS is the standard tool used for reporting.

- TFS (Team Foundation Server) - is a Microsoft product offering source control, data collection, reporting, and project tracking, and is intended for collaborative software development projects. The bill back model includes hardware, software and personnel support for Production and Test installations. Agency specific database costs and TFS Build resources are an additional cost.

- VDI (Virtual Desktop Infrastructure) - Is the practice of hosting a desktop operating system within a virtual machine (VM) running on a hosted, centralized server. Access to the virtual desktop can be achieved with a variety of end point devices.

- VM (Virtual Machine) – A Virtual Machine is a technique using specialized software to combine images of multiple servers on a single machine.

- WAS (WebSphere Application Server) – IBM's J2EE application server providing a platform for running java applications with EJB, Web Services, and other Feature Packs.

- zOS Data Storage (Previously DASD) - Direct Access Storage is measured in gigabytes (billions of characters) allocated to customer and SDC data.

- zOS DB2 Service Units (Previously DB2) - A DB2 Service Unit is a translation of resources used by the DB2 product.

- zOS Enterprise Data Back Up (Previously DSM) - Is the utilization of data storage on tape and on HSM DASD. Utilization is measured in gigabytes (billions of characters) allocated to customer and SDC data.

Section A

Explanation of Terms Continued

- zOS IDMS (Previously IDMS Run Unit) - An IDMS run unit is an online or batch request to access data managed by the IDMS data base system

- CPU Priority Adjustment - CPU Priority Adjustments are based on the batch job priority classes defined by the customers and the time of day for TSO usage. Low priority jobs are billed at 75 percent of the normal CPU billing rate. These jobs are processed during the second and third shifts. Class '1' jobs are billed at 65 percent of the normal CPU billing rate. These jobs are processed during weekends and holidays. TSO CPU, FOCUS CPU, and Roscoe CPU usage during non-prime hours (5 p.m. to 7 a.m.) is billed at 75 percent of normal CPU billing rate.

Budget Summary (B)

FY15 State Data Center
Budget Summary

$2,228,487
FICA, Pension and Insurance
8%

$4,970,973
Personal Service
17%

$21,120,389
Expense and Equipment
75%
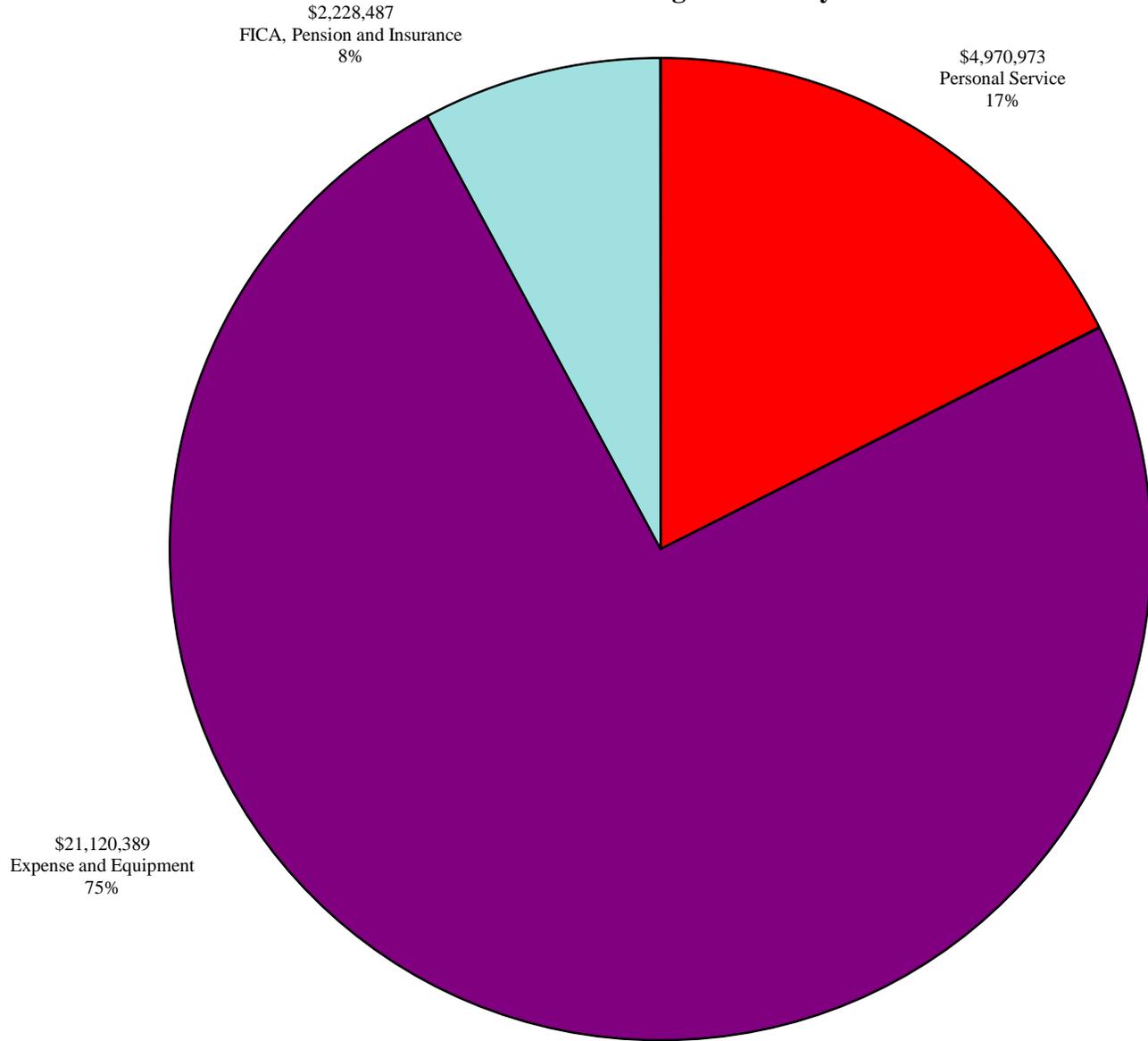
State Data Center
Cost Allocation Plan
Fiscal Year 2015

FY15 Budget Summary
State Data Center

	Revolving Fund
Personal Service	**$4,970,973**
Expense and Equipment	**$21,120,390**
Transfers	**$5,000**
FICA, Pension and Insurance	**$2,228,487**
Total Budgeted Costs	**$28,324,850**

Budget Detail (C)

FY15 State Data Center
Object Code Allocations

$1,195,051
General Support Expense
4%

$567,500
Expendable Supplies
2%

$7,199,460
Personal Services/Fringe
25%

$13,808,204
Software
49%

$5,554,634
Hardware
20%
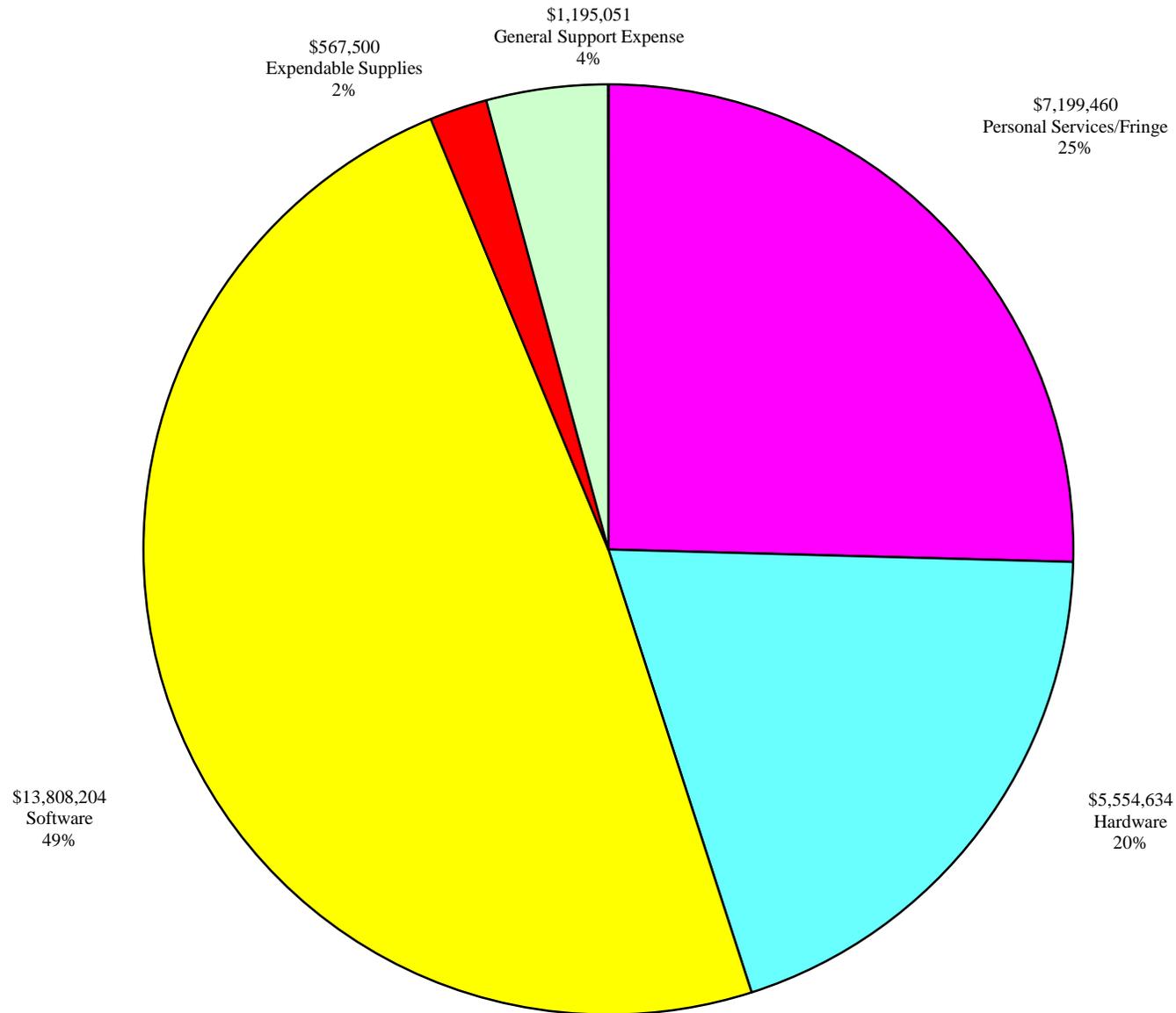
**FY15 State Data Center
Personnel Allocation**

$676,038
Administrative
Personnel - 8 FTE
9%

$1,376,337 Operations
Personnel - 26 FTE
19%

$5,147,086
Technical Support
Personnel - 60.85 FTE
72%
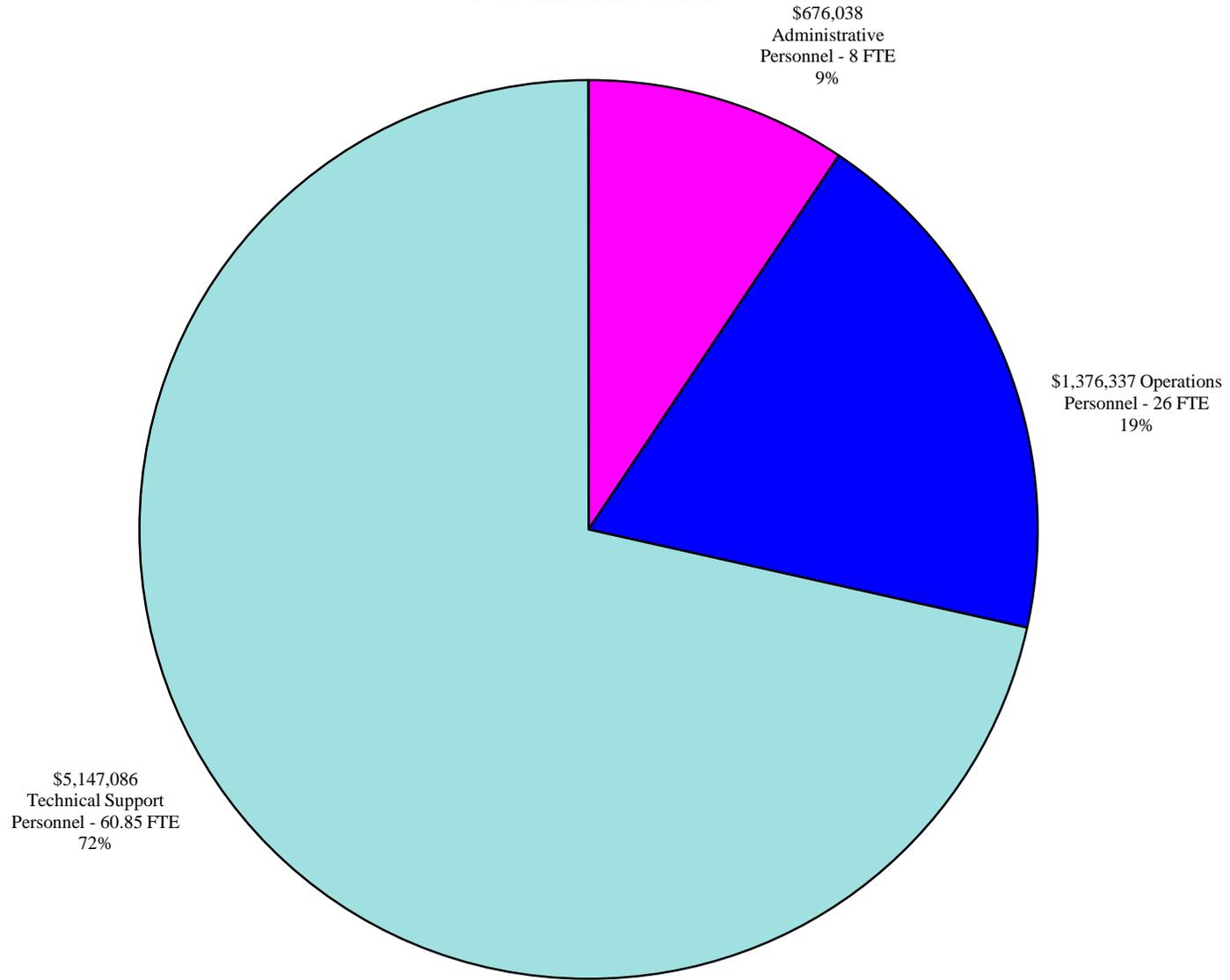
State Data Center
Cost Allocation Plan
Fiscal Year 2015

FY15 Budget Detail
State Data Center

Item Number	Description	$ FY14 CAP	$ FY15 CAP
	Personnel		
	Administrative Personnel		
1	Accounting Analyst III (.25 FTE)	14,354	7,697
2	Accounting Specialist II (.25 FTE)	11,911	11,972
3	Accounting Specialist III	52,701	52,916
4	Administrative Office Support Assistant (.25 FTE)	7,153	8,250
5	Administrative Sr. Office Support Assistant (.29 FTE)	10,551	12,094
6	CIO (.29 FTE)	36,042	32,192
7	Deputy for Operations (.29 FTE)	27,233	26,702
8	Executive I (.25 FTE)	10,947	0
9	Executive I (.25 FTE)	8,923	9,001
10	Executive I (.5 FTE)	18,192	18,345
11	Executive II (.25 FTE)	10,317	8,689
12	Fiscal & Administrative Manager Band 1 (.25 FTE)	16,628	14,692
13	Fiscal & Administrative Manager Band 1 (.3 FTE)	0	17,225
14	Fiscal & Administrative Manager Band 1 (.5 FTE)	29,291	29,384
15	Fiscal & Administrative Manager Band 2 (.25 FTE)	25,712	17,957
16	Fiscal & Administrative Manager Band 2 (.25 FTE)	14,906	16,406
17	Fiscal & Administrative Manager Band 2 (.25 FTE)	17,275	17,047
18	Fiscal & Administrative Manager Band 2 (.25 FTE)	22,192	16,406
19	Fiscal & Administrative Manager Band 2 (.5 FTE)	0	34,093
20	Fiscal & Administrative Manager Band 3 (.25 FTE)	25,712	18,710
21	Information Technology Manager (.29 FTE)	20,899	20,537
22	Information Technology Specialist I (.25 FTE)	18,014	14,052
23	Information Technology Supervisor	58,389	0
24	Procurement Officer I (.25 FTE)	11,389	11,454
25	Procurement Officer II (.25 FTE)	15,663	12,442
26	Procurement Officer II (.25 FTE)	12,384	12,442
27	Section Manager Div Of Information Services (.25 FTE)	21,483	0
28	Special Asstistant Professional (.29 FTE)	17,620	26,074
	Total Administrative Personnel	**$535,881**	**$466,780**
	Computer Operations Personnel		
1	Computer Info Tech Supv II	62,125	67,792
2	Info Technology Operator I	47,421	25,685
3	Info Technology Operator I	38,182	26,505
4	Info Technology Operator I	30,045	27,349
5	Info Technology Operator I	31,187	25,685
6	Info Technology Operator I	27,052	26,505
7	Info Technology Operator I	44,445	26,505
8	Info Technology Operator I	28,989	29,624
9	Info Technology Operator II	33,515	38,017
10	Info Technology Operator II	27,485	36,004
11	Info Technology Operator II	31,751	36,004
12	Info Technology Operator II	30,505	27,950
13	Info Technology Operator II	22,902	29,338

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
14	Info Technology Operator II	26,589	27,213
15	Information Technologist I	35,363	0
16	Information Technologist I	36,045	30,808
17	Information Technologist I	34,122	34,750
18	Information Technologist I	36,710	36,004
19	Information Technologist I	46,223	36,004
20	Information Technologist I	45,313	46,022
21	Information Technologist II	46,496	42,478
22	Information Technologist II	46,223	37,342
23	Information Technologist II	44,445	42,478
24	Information Technologist II	47,421	38,717
25	Information Technologist II	37,447	38,717
26	Information Technologist II	40,353	0
27	Information Technologist II	38,141	0
28	Information Technologist III	48,419	0
29	Information Technologist III	42,939	41,705
30	Information Technology Specialist I	50,443	55,110
	Operations Overtime	20,000	20,000
	Total Computer Operations Personnel	**$1,178,294**	**$950,312**
	Technical Support Personnel		
1	Director of State Data Center	53,609	83,882
2	Information Technologist I	0	30,807
3	Information Technologist I	48,419	0
4	Information Technologist I	42,284	31,339
5	Information Technologist I	72,060	30,808
6	Information Technologist I (.8 FTE)	29,368	38,311
7	Information Technologist II	0	44,056
8	Information Technologist II	0	41,705
9	Information Technologist II	57,122	0
10	Information Technologist II	36,385	0
11	Information Technologist II	36,385	0
12	Information Technologist III	0	44,056
13	Information Technologist III	63,412	44,912
14	Information Technologist III	73,764	44,912
15	Information Technologist III	40,663	0
16	Information Technologist IV	42,453	44,913
17	Information Technologist IV	50,443	49,770
18	Information Technologist IV	48,609	48,855
19	Information Technologist IV	49,536	48,855
20	Information Technologist IV	56,002	0
21	Information Technologist IV	42,978	0
22	Information Technologist IV	45,560	0
23	Information Technologist IV (.05 FTE)	2,233	0
24	Information Technologist IV (.1 FTE)	4,298	0

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
25	Information Technology Manager I	77,046	77,901
26	Information Technology Senior Specialist (.8 FTE)	51,852	60,426
27	Information Technology Senior Specialist (.8 FTE)	55,299	55,392
28	Information Technology Spec I	48,614	0
29	Information Technology Spec I (.1 FTE)	4,862	0
30	Information Technology Spec I (.3 FTE)	16,133	0
31	Information Technology Spec II (.05 FTE)	2,981	0
32	Information Technology Spec III (.15 FTE)	10,367	0
33	Information Technology Specialist I	43,417	53,990
34	Information Technology Specialist I	50,587	57,425
35	Information Technology Specialist I	53,776	60,994
36	Information Technology Specialist I	51,440	63,645
37	Information Technology Specialist I	48,418	60,994
38	Information Technology Specialist I	55,922	55,110
39	Information Technology Specialist I	67,677	70,818
40	Information Technology Specialist I	51,582	53,990
41	Information Technology Specialist I	75,311	50,820
42	Information Technology Specialist I	56,002	60,994
43	Information Technology Specialist I	52,698	55,111
44	Information Technology Specialist I	52,554	51,807
45	Information Technology Specialist I	64,814	66,358
46	Information Technology Specialist I	54,780	63,645
47	Information Technology Specialist I	64,814	70,818
48	Information Technology Specialist I	62,146	50,820
49	Information Technology Specialist I	50,587	50,820
50	Information Technology Specialist I	51,588	57,425
51	Information Technology Specialist I	50,443	47,625
52	Information Technology Specialist I	55,714	56,471
53	Information Technology Specialist I	0	58,326
54	Information Technology Specialist I	0	58,326
55	Information Technology Specialist I (.02 FTE)	0	1,167
56	Information Technology Specialist I (.03 FTE)	0	1,750
57	Information Technology Specialist I (.33 FTE)	0	19,248
58	Information Technology Specialist I (.47 FTE)	0	36,163
59	Information Technology Specialist I (.5 FTE)	32,407	15,722
60	Information Technology Specialist I (.5 FTE)	31,706	32,102
61	Information Technology Specialist I (.5 FTE)	36,028	16,643
62	Information Technology Specialist II	72,174	70,818
63	Information Technology Specialist II	63,481	60,994
64	Information Technology Specialist II	60,824	59,789
65	Information Technology Specialist II	62,125	62,319
66	Information Technology Specialist II	54,901	60,994
67	Information Technology Specialist II	63,481	64,274
68	Information Technology Specialist II	55,922	70,818
69	Information Technology Specialist II	64,814	70,710

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
70	Information Technology Specialist II	57,122	0
71	Information Technology Specialist II	57,122	63,645
72	Information Technology Specialist II	60,824	60,994
73	Information Technology Specialist II	61,131	63,645
74	Information Technology Specialist II	66,217	65,008
75	Information Technology Specialist II	69,105	61,818
76	Information Technology Specialist II	63,481	63,645
77	Information Technology Specialist II	59,611	66,358
78	Information Technology Specialist II	63,481	63,645
79	Information Technology Specialist II	69,123	67,792
80	Information Technology Specialist II (.5 FTE)	27,901	30,940
81	Information Technology Specialist II (.8 FTE)	47,690	47,831
82	Information Technology Specialist II (.8 FTE)	55,299	54,234
83	Information Technology Supervisor	57,070	58,583
84	Infromation Technology Spec I	49,535	0
	Technical Support Overtime	45,000	45,000
	Total Technical Support Personnel	**$3,784,586**	**$3,553,881**
	Total Personnel	**$5,498,761**	**$4,970,973**
	Total Fringe Benefits	**$2,254,492**	**$2,228,487**
	Total Personnel and Fringe Benefits	**$7,753,252**	**$7,199,460**

Normalized Salary for Computer Operations Personnel $950,312 / 26 = **$36,550**

Normalized Salary for Technical Support Personnel $3,553,881 / 60.85 = **$58,404**

	Hardware Lease		
103	CPU Lease	420,000	420,000
104	CPU Growth Upgrades	0	0
105	DASD Lease	135,600	135,600
106	DASD Growth	255,000	255,000
107	Deduplication/Replication Hardware Lease	0	0
108	Disaster Recovery CPU (Springfield Site)	242,823	312,156
111	High Density Tape Drive (VTSM) Growth	170,000	170,000
113	SAN DASD	414,000	414,000
116	InfoPrint 4000 Upgrade	0	0
117	VM Hardware Lease	324,730	324,730
	Total Hardware Lease	**$1,962,153**	**$2,031,486**
	Hardware Maintenance		
204	CPU Maintenance	418,781	418,781
205	DASD Maintenance	68,000	68,000
206	Data Domain Appliance Maintenance	227,200	308,527
207	Backup Admin Servers Maintenance (TSM Win)	4,800	5,040
210	Fax Server Host Maintenance	5,440	5,440
214	External Coupling Facility	22,950	22,950

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
222	Print Unwinder/Job Sep/CTS	90,000	94,500
223	Printer Usage	205,000	215,250
224	Printer-Impact	5,200	5,460
225	Printer-Laser	78,000	81,900
229	Remote Server Support	128,000	32,000
230	Service Processor	1,800	7,560
231	SAN Server and Storage Maintenance	183,800	391,325
232	TSM Server and Storage Maintenance	37,000	0
233	GTX Qualifier Maintenance	2,800	2,800
234	Tape Unit	0	0
236	FICON Directors	85,500	47,000
237	Virtual Tape	10,300	10,300
238	VM Server and Storage Maintenance	48,900	63,345
239	Batteries/UPS Maintenance	50,276	52,790
240	Generator Maintenance	7,741	8,129
241	Console Support Controller	0	0
242	Servers - Maintenance Renewals	13,470	13,470
243	VDI Server Maintenance	19,506	20,482
244	VDI Storage Maintenance	20,698	21,733
245	SVC Hardware Maintenance	2,500	2,500
	Total Hardware Maintenance	**$1,737,662**	**$1,899,282**
Software Lease			
301	ACF/NCP	10,380	0
302	ACF/SSP	19,080	19,080
303	Softek TDMF Replicator for zOS	23,483	25,145
304	ASF V3 Base plus Document Writing	23,232	26,327
305	BMC Mainview	71,600	111,337
306	CICS Transaction Gateway	48,585	53,216
307	CICS/TS V5	1,093,296	1,168,742
308	COBOL for OS/390 & VM Alt	132,828	153,232
309	MacKinney Software	7,245	7,245
310	DCF Base	27,960	31,679
311	AFP Toolbox (Toolkit)	3,540	3,647
313	DSF/DSS/HSM OS/390 V2	140,453	144,667
319	IBM Websphere App Svr V5 (WAS for z/OS)	177,000	0
321	Interactive Output Facility (IOF)	5,800	5,800
324	WebSphere MQ for Z/OS	459,710	473,502
328	OGL/370 V1	7,830	7,830
329	OS/390 Version 2	1,965,000	2,161,813
330	Page Print Format Aid/370 V1	3,660	4,153
331	PL/1 Alternate Function	140,568	140,569
332	PSF/MVS	65,000	46,783
333	SDF II MVS	27,300	30,938
335	Red Hat Enterprise\Network Satellite	24,400	26,000
338	DB2 EOS v10	976,267	1,027,604

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
339	Symantic EndPoint Protection Subscription - VM	22,838	25,375
340	Microsoft Server Operating System Subscription	78,000	90,000
341	UDB - DB2 Utilities Suite	30,261	32,923
342	Symantic EndPoint Protection Subscription - Remote Server Support	19,892	19,892
343	Antivirus For Exchange	125,000	125,000
344	Vmware vCloud Enterprise Suite	0	430,000
	Total Software Lease	**$5,730,208**	**$6,392,499**
Software Maintenance			
401	Axceler ControlPoint - SharePoint Internal	7,250	7,250
402	Axceler ControlPoint - SharePoint External	3,625	3,625
403	CA All Fusion	32,933	32,933
404	CA Intertest W/XA-ESA-Batch	83,864	69,011
405	CA Intertest W/XA-ESA-CICS	0	66,748
406	CA Librarian	188,788	178,219
408	CA Restart/Recover (CA11)	60,915	40,022
410	CA Scheduling Package (CA7)	179,649	158,048
411	CA TMS (CA1)	67,075	67,075
412	CA UNIPAK	1,634,702	1,231,895
413	IBM Tivoli Omegamon DE V3	45,813	48,104
414	IBM Tivoli Omegamon XE CICS V3	45,813	48,104
415	CL/Supersession for z/OS	48,104	48,104
416	IBM Tivoli Omegamon XE DB2 V4	96,512	80,700
417	IBM Tivoli Omegamon XE z/OS V2	91,626	96,208
418	Catalog/ Disk / HSM Audit and Recovery Utilities	27,225	28,042
419	DB2 Connect	37,247	36,191
420	Allen System Group Job Scan/Docu Text	43,859	18,000
421	Document Management Systems (MOBIUS)	87,486	90,111
422	Dumpmaster MVS	104,895	105,984
423	Group 1 Software MailStream Plus	21,434	21,434
424	Group 1 Software Zip+4 (Code-1 Plus)	25,925	25,925
425	IBI FOCUS	515,000	515,000
426	IBM Storage Volume Controller (SVC)	0	0
427	IBM TotalStorage Productivity Center (TPC)	60,000	0
428	Tivoli WAS\ND	121,893	139,906
429	Insync MVS	89,817	90,749
430	IPSwitch Renewal	6,500	6,695
431	TicToc	7,608	7,837
432	DB2 LUW	8,684	8,684
433	LOTUS Domino V6	0	0
434	Connect:Direct	12,000	11,925
435	Merrill Consultants MXG	0	0
436	MVS Quick Reference	31,250	32,188
437	Microsoft Premiere Support	31,000	0
438	SSL Certificates	1,375	1,375
439	MoveIT Software Maintenance	0	6,425

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
440	Platinum DB2 Tools	345,036	758,774
441	RevealNet Reveal for DB2	0	0
442	MicroSoft Team Foundation Software Subscription	2,054	2,054
443	SAS Base	153,050	146,176
444	SAS/ STAT	96,780	101,867
445	SAS/ACCESS	96,780	96,319
447	SAS/ETS	48,390	101,867
451	SA Licenses for SQL	231,561	0
452	SI SyncSort	20,811	21,802
454	SPC Systems - COBOL Report Writer Precompiler	2,849	2,935
456	Distributed Print Software Maintenance	30,545	30,545
457	Biscom Software Maintenance	11,400	11,400
458	SSRS Software Maintenance	0	7,966
460	Tivoli Storage Management	25,500	200,000
463	Vanguard Security Reporter	51,505	53,051
464	DB2 Buffer Pool Tool	19,425	0
466	BMC Event Manager	0	0
468	SQL	20,000	20,000
469	VMWare View Software Maintenance	152,650	152,650
470	Microsoft VDA Licensing (Software Subscription)	170,250	225,250
471	Catalog/ Disk / HSM Audit and Recovery Utilities - zOS Enterprise D	5,405	5,405
472	SDI TN3270 Emulation	11,128	11,685
474	Server Software - Maintenance Renewals - AD & Exchange	266,519	293,171
475	GSF STEPLIB/LLIBEF	3,000	3,090
476	What's Up	0	0
477	SAN Software	132,200	212,438
478	Vranger Software Maintenance	10,565	10,882
479	VMWare vSphere License Maintenance	207,075	207,075
480	SolarWinds Storage Manager Maintenance	7,200	8,398
481	Server Software - Maintenance Renewals - SharePoint Internal	0	2,457
482	Server Software - Maintenance Renewals - SharePoint Exteranl	0	351
483	JIRA License	0	4,160
484	JIRA Plugin	0	700
485	zOS DB2 Guardian Encryption Maintenance	0	40,530
486	zOS Pitney Bowes Mail360	0	15,750
	Total Software Maintenance	**$5,941,545**	**$6,071,265**
	Hardware Purchase		
502	24-Port Fax Cards for Server	9,911	19,822
503	Deduplication/Replication Purchase - DistSys Backup-Recovery	162,602	137,535
504	SAN - New/Replacement Purchases	117,960	194,701
505	Deduplication/Replication Purchase - AD & Exchange	28,695	63,659
506	Desktop Comuter Equipment	6,681	13,362
507	Remote Server Replacement	0	0
508	Remote Storage Hardware	0	0
509	Tools for Staff	38,000	38,000

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
510	Servers - New/Replacement Purchases	58,334	58,334
511	TSM Hardware Purchase - AD & Exchange	66,951	0
512	TSM Hardware Purchase - DistSys Backup-Recovery	52,604	50,869
514	VM Hardware Purchase	310,490	160,000
515	Data Domain Hardware Upgrade	1,425	0
516	VDI End-Point Device	0	0
517	VDI Server and Upgrades	71,440	70,250
518	VDI Storage and Upgrades	64,666	155,000
519	SAN Hardware Upgrade	13,333	529,000
520	InfoPrint Hardware Purchase	66,667	133,334
521	RSA Token (2000)	0	0
	Total Hardware Purchase	**$1,069,759**	**$1,623,866**
	Software Purchase		
601	Enterprise Licnese for SQL (New)	477,950	0
602	Distributed Print Software	27,333	27,333
603	Software Upgrade	0	0
605	Fax Services	0	0
606	TSM Software Purchase	300,000	300,000
607	VM Software Purchase	128,775	346,502
608	Vranger License Enhancement	23,400	23,400
609	VMWare View Licensing	86,000	86,000
610	Trend Micro ScanMail Security Software	98,500	98,500
611	ISA for Webmail Software	2,880	2,880
612	Enterprise Vault Software Upgrade	220,000	220,000
613	BMC ProactiveNet Performance Management Suite	110,000	110,000
615	Biscom Enterprise Fax Software	9,124	9,124
616	Microsoft Server Operating System Purchase	0	70,702
617	SharePoint 2013 Upgrade	0	50,000
	Total Software Purchase	**$1,483,962**	**$1,344,441**
	Expendable Supplies		
701	Magnetic Tapes & Supplies	2,500	2,500
703	Network Supplies	0	0
704	Paper	335,000	335,000
705	Paper Storage and Transport Transfer	0	5,000
706	Printer Supplies	205,000	225,000
	Total Expendable Supplies	**$542,500**	**$567,500**
	General Support Expense		
802	Consulting Service	60,000	60,000
805	IBM Global Network(Advantis)	0	0
806	Internet Access	0	0
807	IBM Server Support Line	25,000	25,000
808	MAN Connection/ANS Support/RLS Charges	112,800	112,800
810	Open Systems DR	0	0
811	Office Supplies, Equipment and Maintenance	12,500	12,500

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
812	Cell Phone	6,000	8,000
813	Electrical Distribution, Maintenance	100,000	100,000
814	Postage/Inter Agency Mail Delivery	4,000	4,000
815	Printing and Binding	3,500	3,500
816	Cabinets, Furniture & Building Changes	100,000	100,000
817	Reserve for Unplanned Expense	0	0
818	S390 SoftwarExcel	152,181	150,468
819	Security Services	0	0
820	Subscriptions & Publications	5,000	7,000
821	Telephone Service and Equipment	57,500	57,500
822	Training & Professional Development	10,000	10,000
823	Travel	15,000	15,000
824	Resource Oversight	108,000	108,000
825	VPN - Access Charge	3,000	3,000
826	VM Additional Charges for SQL	132,317	0
827	SSL Certificates	1,000	4,000
828	Service Deployment Appliance	65,000	65,000
829	Shredding	1,500	1,500
830	SAN/NAS Support Line	10,000	10,000
831	Disaster Recovery Rental (Springnet)	115,000	115,000
832	Disaster Recovery Electric (Springnet)	38,000	38,000
833	RedHat/JBoss Support	6,000	6,000
834	Websense Pur/Mtc Recovery	0	0
835	AD & Exchange Contractor Services	20,000	20,000
836	AD & Exchange Training\Travel\Tools for Staff	7,000	7,000
837	FTP Training\Travel\Tools for Staff	0	3,000
838	SAN Training\Travel\Tools for Staff	15,000	15,000
839	SQL Training\Travel\Tools for Staff	70,000	0
840	SharePoint Training\Travel\Tools for Staff	0	7,000
841	VM Training\Travel\Tools for Staff	4,000	4,000
842	TSM Training\Travel\Tools for Staff	10,000	10,000
843	TFS Training\Travel\Tools for Staff	300	300
844	Remote Server Support Training\Travel\Tools for Staff	0	0
845	WAS Training\Travel\Tools for Staff	4,500	4,500
846	VM Additional Charges for Was	14,729	14,729
847	VM Additional Charges for FTP	0	1,966
848	VM Additional Charges for SharePoint Internal	0	638
849	VM Additional Charges for SharePoint External	0	195
850	VM Additional Charges for TFS	4,794	2,594
851	VM Additional charges for JIRA	0	0
852	VM Additional Charges for SSRS	0	1,659
853	SSRS Training\Travel\Tools for Staff	0	550
854	Fax Circuit Installation Charge (One-time Cost)	292	292
855	Fax Circuit Charge - 6 PRI Circuits	45,960	45,960
856	SSRS Staff Computer Replacement	0	900

FY15 Budget Detail continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
857	Compco Software and Billing Expenses	0	20,000
858	Fiscal Costs	0	3,500
859	CPU Training\Travel\Tools for Staff	0	10,000
860	CICS Training\Travel\Tools for Staff	0	5,000
	Total General Support Expense	**$1,339,873**	**$1,195,051**
Total Expense + Equipment:		**$19,807,662**	**$21,125,390**
Grand Total		**$27,560,914**	**$28,324,850**

Utilization Estimates (D)

FY15 Utilization Estimate Assumptions

Utilization for the FY15 Cost Allocation Plan, was provided by the State Data Center Staff, based on historical usage and projections.

Section D

FY15 Utilization Estimates by Customer

Agency	CICS Transactions	All Fusion Service Units	CPU Service Units
Senate	54,606	0	29,488,597
House of Representatives	138,003	0	95,438,464
Legislative Research	18,864	0	3,050,545
State Courts Administrator	1,359,181	0	927,510,796
Secretary of State	553,005	0	391,341,282
Auditor	69,498	0	60,865,626
Treasurer	80,419	0	19,174,851
Attorney General	265,085	0	107,785,906
OA/ITSD Systems & Programming	468,615	914,241,686	10,156,570,066
OA/Missouri Ethics Commission	6,950	0	1,597,904
OA/Depty Commissioner	292,884	0	245,931,993
OA/Accounting	4,936,341	0	3,740,984,423
OA/Budget and Planning	152,896	0	173,881,037
OA/ITSD Production	10,828,775	0	63,458,153,315
OA/Design and Construction	265,085	0	95,147,936
OA/Personnel	10,703,678	0	2,593,108,102
OA/Purchasing	682,073	0	708,452,648
OA/General Services	2,421,507	0	1,193,198,697
OA/Facilities Management	985,878	0	499,562,980
OA/Administrative Hearing Commission	16,878	0	7,989,521
OA/OIT	0	0	0
Dept of Agriculture	507,335	0	187,826,384
Dept of Insurance	457,694	0	449,592,156
Dept of Conservation	692,001	0	404,996,100
Dept of Economic Development	1,929,065	0	3,386,685,467
Dept of Elementary & Secondary ED	2,331,160	0	1,283,552,921
Dept of Higher Education	173,745	0	225,449,766
Dept of Health & SS	25,596,098	0	20,865,579,217
Dept of Transportation	9,313,719	0	4,095,283,379
Dept of Labor & Industrial Relation	183,676,151	1,744,370	94,599,564,361
Dept of Mental Health	8,859,004	0	17,704,343,515
Dept of Natural Resources	3,181,021	0	7,579,731,535
Dept of Public Safety	2,587,310	0	1,452,204,453
Missouri State Highway Patrol	132,212,913	1,232,093	33,512,555,718
Kansas City Police Dept	74,462	0	3,195,809
ReJIS	90,316,566	0	5,705,680,355
Dept of Revenue	153,253,916	0	297,514,812,806
Lottery Commission	236,293	0	74,810,973
State Tax Commission	43,684	0	11,330,594
Highway Reciprocity Commission	0	0	0
Dept of Social Services	1,526,376,679	5,435,826,163	738,357,425,938
Dept of Corrections	9,120,118	0	2,992,148,377
Others	1,343,296	0	154,560,922
Agency Total :	**2,186,582,450**	**6,353,044,312**	**1,315,070,565,435**

FY15 Utilization Estimates by Customer

Agency	CICS Transactions	All Fusion Service Units	CPU Service Units
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	0	0	0
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	0	0	0
Print Job Costs	0	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	0	0	0
FTP Job Costs	0	0	0
SharePoint Internal Job Costs	0	0	0
SharePoint External Job Costs	0	0	0
TFS Job Costs	0	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	0	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**0**	**0**	**0**
Grand Total :	**2,186,582,450**	**6,353,044,312**	**1,315,070,565,435**

FY15 Utilization Estimates by Customer

Agency	DistSys Backup Recovery	zOS Enterprise Data Backup	zOS DB2 Service Units
Senate	0	0	60,288,185
House of Representatives	0	0	217,396,329
Legislative Research	0	0	1,656,129
State Courts Administrator	0	312	909,561,790
Secretary of State	0	0	335,540,971
Auditor	0	61,010	42,775,648
Treasurer	7,341,861	260	17,824,669
Attorney General	0	0	99,019,019
OA/ITSD Systems & Programming	15,018,927	2,450,933	12,003,870,405
OA/Missouri Ethics Commission	0	0	2,411,505
OA/Depty Commissioner	2,458	0	70,756,205
OA/Accounting	0	12,400	4,296,971,460
OA/Budget and Planning	0	0	161,127,719
OA/ITSD Production	13,009,690	57,710,429	34,676,934,010
OA/Design and Construction	0	1,059	33,799,874
OA/Personnel	1,748,436	3,511	1,704,999,856
OA/Purchasing	13,442	75	279,761,181
OA/General Services	55,614	93,501	1,346,276,280
OA/Facilities Management	6,440,405	24,247	518,219,240
OA/Administrative Hearing Commission	420,335	0	3,645,259
OA/OIT	0	0	0
Dept of Agriculture	7,341,861	0	250,439,732
Dept of Insurance	7,341,861	2,463	471,204,645
Dept of Conservation	0	0	319,189,211
Dept of Economic Development	22,025,584	867	911,730,383
Dept of Elementary & Secondary ED	29,367,445	0	1,634,454,474
Dept of Higher Education	7,341,861	0	188,799,175
Dept of Health & SS	29,367,445	0	13,159,278,993
Dept of Transportation	0	0	2,832,500,388
Dept of Labor & Industrial Relation	51,393,029	9,647,361	3,072,199,372
Dept of Mental Health	117,469,781	175,355	17,738,451,126
Dept of Natural Resources	88,102,336	193,827	5,147,252,724
Dept of Public Safety	7,341,861	0	1,707,754,021
Missouri State Highway Patrol	0	647,139	25,249,869,013
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	66,076,752	5,735,187	174,560,701,520
Lottery Commission	0	0	51,980,573
State Tax Commission	0	0	7,222,261
Highway Reciprocity Commission	0	0	0
Dept of Social Services	58,734,891	9,963,546	844,258,513,006
Dept of Corrections	14,683,723	0	2,556,264,076
Others	0	0	465,770,126
Agency Total :	**550,639,601**	**86,723,481**	**1,151,366,410,556**

State Data Center
Cost Allocation Plan
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FY15 Utilization Estimates by Customer

Agency	DistSys Backup Recovery	zOS Enterprise Data Backup	zOS DB2 Service Units
FOCUS Job Costs	0	0	0
CICS Job Costs	0	1,246,537	0
CPU Job Costs	0	54,016,621	0
DB2 Job Costs	0	3,462,604	0
IDMS Job Costs	0	277,008	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	142,713,313	0	0
Print Job Costs	54,890	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	39,627,081	0	0
FTP Job Costs	0	40,166	0
SharePoint Internal Job Costs	628,378	0	0
SharePoint External Job Costs	104,247	0	0
TFS Job Costs	91,483	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	327,143	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**183,546,534**	**59,042,936**	**0**
Grand Total :	**734,186,134**	**145,766,418**	**1,151,366,410,556**

FY15 Utilization Estimates by Customer

Agency	zOS Data Storage	AD User ID	AD Exchange Mailboxes
Senate	0	53	0
House of Representatives	0	92	0
Legislative Research	0	0	0
State Courts Administrator	3	66	0
Secretary of State	169	1,870	0
Auditor	519	53	0
Treasurer	15	816	0
Attorney General	0	4,175	12
OA/ITSD Systems & Programming	236,402	0	6,091
OA/Missouri Ethics Commission	0	198	362
OA/Depty Commissioner	0	13	772
OA/Accounting	211	0	421
OA/Budget and Planning	0	26	795
OA/ITSD Production	1,041,003	211	2,467
OA/Design and Construction	6	0	0
OA/Personnel	4,272	92	830
OA/Purchasing	15	66	830
OA/General Services	1,422	211	1,251
OA/Facilities Management	265	645	7,973
OA/Administrative Hearing Commission	0	40	479
OA/OIT	0	5,136	19,465
Dept of Agriculture	0	356	4,349
Dept of Insurance	25	461	8,523
Dept of Conservation	1	119	0
Dept of Economic Development	25,268	20,280	7,833
Dept of Elementary & Secondary ED	0	6,729	19,009
Dept of Higher Education	0	856	1,134
Dept of Health & SS	21,500	6,637	28,280
Dept of Transportation	228	303	0
Dept of Labor & Industrial Relation	423,114	2,463	13,316
Dept of Mental Health	48,130	273,689	80,128
Dept of Natural Resources	8,329	19,306	24,504
Dept of Public Safety	1	1,712	14,368
Missouri State Highway Patrol	45,819	13	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	1,351,041	9,416	20,938
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	195	0	0
Dept of Social Services	4,176,612	16,764	103,288
Dept of Corrections	0	5,044	158,994
Others	0	92	1,590
Agency Total :	**7,384,563**	**378,003**	**528,002**

FY15 Utilization Estimates by Customer

Agency	zOS Data Storage	AD User ID	AD Exchange Mailboxes
FOCUS Job Costs	0	0	0
CICS Job Costs	29,413	0	0
CPU Job Costs	680,712	98	1,080
DB2 Job Costs	479,019	0	0
IDMS Job Costs	54,625	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	59,667	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	0	0	0
Print Job Costs	0	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	0	0	0
FTP Job Costs	0	0	0
SharePoint Internal Job Costs	0	0	0
SharePoint External Job Costs	0	0	0
TFS Job Costs	0	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	0	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**1,303,437**	**98**	**1,080**
Grand Total :	**8,688,000**	**378,101**	**529,082**

FY15 Utilization Estimates by Customer

Agency	zOS IDMS	Print (Lines)	Print (Laser)
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	91,435	0	297
Secretary of State	150	0	0
Auditor	0	0	687
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	16,561	0	6,667
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	186,895	2,353
OA/Budget and Planning	0	0	5,670
OA/ITSD Production	0	0	225,680
OA/Design and Construction	0	0	0
OA/Personnel	5,492	0	8,557
OA/Purchasing	0	0	7,100
OA/General Services	822	83,852	96,669
OA/Facilities Management	0	0	21,381
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	0	0
Dept of Agriculture	0	0	0
Dept of Insurance	5,424	0	0
Dept of Conservation	175,587	0	366
Dept of Economic Development	32,528	0	1,272
Dept of Elementary & Secondary ED	0	0	0
Dept of Higher Education	0	0	77
Dept of Health & SS	13,749,747	275,100	120,045
Dept of Transportation	40,522	0	103
Dept of Labor & Industrial Relation	519,940	0	6,060
Dept of Mental Health	63,044	0	11
Dept of Natural Resources	0	0	3,565
Dept of Public Safety	0	0	0
Missouri State Highway Patrol	14,007,846	0	0
Kansas City Police Dept	17	0	0
ReJIS	13,318,747	0	0
Dept of Revenue	144,280,027	1,237,753	12,461,334
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	171,467,219	500,601	39,043,367
Dept of Corrections	0	0	0
Others	243,050	0	0
Agency Total :	**358,018,159**	**2,284,200**	**52,011,262**

FY15 Utilization Estimates by Customer

Agency	zOS IDMS	Print (Lines)	Print (Laser)
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	805
CPU Job Costs	0	13,490	32,185
DB2 Job Costs	0	0	322
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	0	0	0
Print Job Costs	0	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	0	0	0
FTP Job Costs	0	0	0
SharePoint Internal Job Costs	0	0	0
SharePoint External Job Costs	0	0	0
TFS Job Costs	0	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	0	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**0**	**13,490**	**33,312**
Grand Total :	**358,018,159**	**2,297,690**	**52,044,574**

FY15 Utilization Estimates by Customer

Agency	VM Images	Physical Server Support	SAN Storage
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	182	0	106,850
Treasurer	182	0	106,850
Attorney General	0	0	0
OA/ITSD Systems & Programming	522	0	333,868
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	710	134	265,893
OA/Design and Construction	0	0	0
OA/Personnel	54	0	21,865
OA/Purchasing	0	0	0
OA/General Services	13	0	0
OA/Facilities Management	147	10	121,156
OA/Administrative Hearing Commission	13	0	5,170
OA/OIT	0	0	0
Dept of Agriculture	182	0	106,850
Dept of Insurance	365	21	213,701
Dept of Conservation	0	0	0
Dept of Economic Development	365	113	213,701
Dept of Elementary & Secondary ED	730	0	641,102
Dept of Higher Education	365	0	106,850
Dept of Health & SS	1,642	10	747,952
Dept of Transportation	0	0	0
Dept of Labor & Industrial Relation	730	10	320,551
Dept of Mental Health	1,824	205	1,495,904
Dept of Natural Resources	730	10	1,175,353
Dept of Public Safety	365	0	106,850
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	1,824	31	747,952
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	912	144	534,252
Dept of Corrections	365	0	106,850
Others	0	0	0
Agency Total :	**12,223**	**688**	**7,479,522**

FY15 Utilization Estimates by Customer

Agency	VM Images	Physical Server Support	SAN Storage
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	0	0	0
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	1,016,568
AD-Exchange Job Costs	1,799	596	685,307
Print Job Costs	107	0	2,586
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	441	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	3,353	0	1,501,048
FTP Job Costs	27	0	0
SharePoint Internal Job Costs	68	0	0
SharePoint External Job Costs	14	0	0
TFS Job Costs	66	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	82	0	0
JIRA Job Costs	62	0	0
FAX Job Costs	0	0	0
Job Costs :	**6,019**	**596**	**3,205,509**
Grand Total :	**18,242**	**1,284**	**10,685,031**

FY15 Utilization Estimates by Customer

Agency	WAS Image	Enterprise Fax Services	Remote Server Support
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	0	0	167
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	47	526	168
OA/Design and Construction	0	0	0
OA/Personnel	0	0	14
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	239,209	0
Dept of Agriculture	0	1,037	0
Dept of Insurance	0	580	101
Dept of Conservation	0	0	0
Dept of Economic Development	0	0	11
Dept of Elementary & Secondary ED	0	2,750	439
Dept of Higher Education	50	0	0
Dept of Health & SS	0	36,089	214
Dept of Transportation	0	344,035	0
Dept of Labor & Industrial Relation	62	2,076,872	169
Dept of Mental Health	0	4,412	1,620
Dept of Natural Resources	53	0	270
Dept of Public Safety	0	4,880	225
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	50	595,462	68
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	0	18	2,160
Dept of Corrections	50	1	1,103
Others	0	0	0
Agency Total :	**312**	**3,305,870**	**6,729**

FY15 Utilization Estimates by Customer

Agency	WAS Image	Enterprise Fax Services	Remote Server Support
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	0	0	0
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	0	0	473
Print Job Costs	0	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	0	0	0
FTP Job Costs	0	0	0
SharePoint Internal Job Costs	0	0	0
SharePoint External Job Costs	0	0	0
TFS Job Costs	0	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	0	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**0**	**0**	473
Grand Total :	**312**	**3,305,870**	**7,202**

FY15 Utilization Estimates by Customer

Agency	SharePoint Internal	SharePoint Exteranl	FTP
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	12
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	0	0	0
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	11	12	804
OA/Budget and Planning	0	0	0
OA/ITSD Production	0	12	348
OA/Design and Construction	0	0	0
OA/Personnel	0	0	0
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	0	0
Dept of Agriculture	11	0	84
Dept of Insurance	11	0	1,128
Dept of Conservation	0	0	0
Dept of Economic Development	11	12	744
Dept of Elementary & Secondary ED	23	12	1,128
Dept of Higher Education	12	12	744
Dept of Health & SS	11	12	1,500
Dept of Transportation	0	0	204
Dept of Labor & Industrial Relation	11	0	744
Dept of Mental Health	14	12	60
Dept of Natural Resources	12	0	348
Dept of Public Safety	11	24	3,756
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	13	0	10,452
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	18	12	14,916
Dept of Corrections	0	0	300
Others	11	12	0
Agency Total :	**180**	**132**	**37,272**

FY15 Utilization Estimates by Customer

Agency	SharePoint Internal	SharePoint External	FTP
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	0	0	0
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	0	0	0
Print Job Costs	0	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	0	0	0
FTP Job Costs	0	0	0
SharePoint Internal Job Costs	0	0	0
SharePoint External Job Costs	0	0	0
TFS Job Costs	0	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	0	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**0**	**0**	**0**
Grand Total :	**180**	**132**	**37,272**

FY15 Utilization Estimates by Customer

Agency	AIX	SSRS	JIRA
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	0	0	0
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	0	0	0
OA/Design and Construction	0	0	0
OA/Personnel	0	0	0
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	120	60	0
Dept of Agriculture	0	12	36
Dept of Insurance	0	0	0
Dept of Conservation	0	0	0
Dept of Economic Development	0	0	48
Dept of Elementary & Secondary ED	0	0	996
Dept of Higher Education	0	0	96
Dept of Health & SS	1,680	12	0
Dept of Transportation	0	0	0
Dept of Labor & Industrial Relation	0	0	1,272
Dept of Mental Health	0	0	0
Dept of Natural Resources	0	12	25,572
Dept of Public Safety	0	0	0
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	0	12	0
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	0	12	5,112
Dept of Corrections	0	0	0
Others	0	0	0
Agency Total :	**1,800**	**120**	**33,132**

FY15 Utilization Estimates by Customer

Agency	AIX	SSRS	JIRA
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	0	0	0
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
AD-Exchange Job Costs	0	0	0
Print Job Costs	0	0	0
VDI Job Costs	0	0	0
Server Support Job Costs	0	0	0
TSM Job Costs	0	0	0
Data Domain Job Costs	0	0	0
SQL Job Costs	0	0	0
FTP Job Costs	0	0	0
SharePoint Internal Job Costs	0	0	0
SharePoint External Job Costs	0	0	0
TFS Job Costs	0	0	0
WAS Job Costs	0	0	0
SSRS Job Costs	0	0	0
JIRA Job Costs	0	0	0
FAX Job Costs	0	0	0
Job Costs :	**0**	**0**	**0**
Grand Total :	**1,800**	**120**	**33,132**

FY15 Utilization Estimates by Customer

Agency	VDI	TFS
Senate	0	0
House of Representatives	0	0
Legislative Research	0	0
State Courts Administrator	0	0
Secretary of State	16	0
Auditor	0	0
Treasurer	0	0
Attorney General	0	0
OA/ITSD Systems & Programming	4,097	0
OA/Missouri Ethics Commission	0	0
OA/Depty Commissioner	161	0
OA/Accounting	161	17
OA/Budget and Planning	112	0
OA/ITSD Production	1,109	2
OA/Design and Construction	0	0
OA/Personnel	145	0
OA/Purchasing	0	0
OA/General Services	514	0
OA/Facilities Management	129	0
OA/Administrative Hearing Commission	0	0
OA/OIT	0	0
Dept of Agriculture	161	5
Dept of Insurance	2,507	5
Dept of Conservation	0	0
Dept of Economic Development	1,350	18
Dept of Elementary & Secondary ED	1,173	18
Dept of Higher Education	64	0
Dept of Health & SS	2,973	0
Dept of Transportation	0	0
Dept of Labor & Industrial Relation	1,591	17
Dept of Mental Health	595	15
Dept of Natural Resources	2,732	5
Dept of Public Safety	755	0
Missouri State Highway Patrol	0	0
Kansas City Police Dept	0	0
ReJIS	0	0
Dept of Revenue	2,057	15
Lottery Commission	0	0
State Tax Commission	129	0
Highway Reciprocity Commission	0	0
Dept of Social Services	7,070	15
Dept of Corrections	402	0
Others	0	0
Agency Total :	**30,003**	**132**

State Data Center
Cost Allocation Plan
Fiscal Year 2015

FY15 Utilization Estimates by Customer

Agency	VDI	TFS
FOCUS Job Costs	0	0
CICS Job Costs	0	0
CPU Job Costs	0	0
DB2 Job Costs	0	0
IDMS Job Costs	0	0
IEF/COOLGen Job Costs	0	0
DSM Job Costs	0	0
VM Job Costs	0	0
AD-Exchange Job Costs	0	0
Print Job Costs	0	0
VDI Job Costs	0	0
Server Support Job Costs	0	0
TSM Job Costs	0	0
Data Domain Job Costs	0	0
SQL Job Costs	0	0
FTP Job Costs	38	0
SharePoint Internal Job Costs	0	0
SharePoint External Job Costs	0	0
TFS Job Costs	0	0
WAS Job Costs	0	0
SSRS Job Costs	0	0
JIRA Job Costs	0	0
FAX Job Costs	0	0
Job Costs :	**38**	**0**
Grand Total :	**30,041**	**132**

Billing Rate Derivation (E)

FY15 State Data Center
Percent of Total Cost per Rate Category

- sFTP 0%
- VDI 3%
- SharPoint Internal 1%
- Remote Server Support 2%
- WAS 1%
- zOS IDMS 5%
- DistSys Backup-Recovery 4%
- SSRS 1%
- AD & Exchange 11%
- TFS 0%
- zOS Data Storage 3%
- AIX Hosted Services 0%
- SQL 0%
- SAN 5%
- Print 6%
- Physical Server Support 0%
- zOS DB2 9%
- SharePoint External 0%
- VM Images 6%
- Enterprise Fax Services 0%
- zOS Enterprise Data Backup 1%
- JIRA 0%
- CPU Service Units 33%
- All Fusion 0%
- CICS Transactions 8%

Category #1

Unit of Service:	**Lines/Feet Printed**
Estimated Utilization:	**52,071,980**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	206,201	191,890
3	Technical Support Personnel	0	43,803
4	Fringe Benefits	84,543	105,661
	Total Personnel	**$290,744**	**$341,354**
116	InfoPrint 4000 Upgrade	0	0
	Total Hardware Lease	**$0**	**$0**
222	Print Unwinder/Job Sep/CTS	90,000	94,500
223	Printer Usage	205,000	215,250
224	Printer-Impact	5,200	5,460
225	Printer-Laser	78,000	81,900
	Total Hardware Maintenance	**$378,200**	**$397,110**
311	AFP Toolbox (Toolkit)	3,540	3,647
328	OGL/370 V1	7,830	7,830
330	Page Print Format Aid/370 V1	3,660	4,153
332	PSF/MVS	65,000	46,783
	Total Software Lease	**$80,030**	**$62,413**
456	Distributed Print Software Maintenance	30,545	30,545
	Total Software Maintenance	**$30,545**	**$30,545**
520	InfoPrint Hardware Purchase	66,667	133,334
	Total Hardware Purchase	**$66,667**	**$133,334**
602	Distributed Print Software	27,333	27,333
	Total Software Purchase	**$27,333**	**$27,333**
704	Paper	335,000	335,000
705	Paper Storage and Transport Transfer	0	5,000
706	Printer Supplies	205,000	225,000
	Total Expendable Supplies	**$540,000**	**$565,000**
829	Shredding	1,500	1,500
	Total General Support Expense	**$1,500**	**$1,500**

Print Rate continued

Item Number	Description	$	FY14 CAP	$	FY15 CAP
Total Expense + Equipment:			**$1,124,275**		**$1,217,235**
Total Personnel and Expense + Equipment:			**$1,415,019**		**$1,558,589**
Indirect Costs Allocated:			**$127,405**		**$125,480**
Job Costs:					
	SAN		$404		$469
	VM		$7,297		$13,363
	DistSys Backup-Recovery		$71		$108
Total JobCosts:			**$7,772**		**$13,941**
Total Costs:			**$1,550,196**		**$1,698,010**

Rate Calculation Laser Feet Printed:

Total Costs/Utilization

$$\frac{\$1,698,010}{52,071,980} = \$0.03261 \text{ per foot}$$

Rate Calculation Duplex Printed:

Laser Rate x .80

$$\$0.03261 \quad x \quad .80 = \$0.02609 \text{ per foot}$$

Rate Calculation Impact Print

Laser Rate / 83.83 * 1,000

$$\$0.03261 \quad / \quad 83.8383 \quad * \quad 1,000 = \$0.38895 \text{ per 1,000 lines}$$

Category #2

Unit of Service:	**CPU Service Units**
Estimated Utilization:	**1,315,070,565,435**

Item Number	Description	$	FY14 CAP	$	FY15 CAP
2	Computer Operations Personnel		638,242		484,294
3	Technical Support Personnel		402,922		584,040
4	Fringe Benefits		426,877		478,934
	Total Personnel		**$1,468,041**		**$1,547,267**
103	CPU Lease		420,000		420,000
104	CPU Growth Upgrades		0		0
108	Disaster Recovery CPU (Springfield Site)		242,823		312,156
	Total Hardware Lease		**$662,823**		**$732,156**
204	CPU Maintenance		418,781		418,781
214	External Coupling Facility		22,950		22,950
230	Service Processor		1,800		7,560
239	Batteries/UPS Maintenance		50,276		52,790
240	Generator Maintenance		7,741		8,129
241	Console Support Controller		0		0
	Total Hardware Maintenance		**$501,548**		**$510,210**
301	ACF/NCP		10,380		0
302	ACF/SSP		19,080		19,080
304	ASF V3 Base plus Document Writing		23,232		26,327
305	BMC Mainview		71,600		111,337
308	COBOL for OS/390 & VM Alt		132,828		153,232
309	MacKinney Software		7,245		7,245
310	DCF Base		27,960		31,679
319	IBM Websphere App Svr V5 (WAS for z/OS)		177,000		0
321	Interactive Output Facility (IOF)		5,800		5,800
329	OS/390 Version 2		1,965,000		2,161,813
331	PL/1 Alternate Function		140,568		140,569
	Total Software Lease		**$2,580,693**		**$2,657,082**
404	CA Intertest W/XA-ESA-Batch		83,864		69,011
406	CA Librarian		188,788		178,219
408	CA Restart/Recover (CA11)		60,915		40,022
410	CA Scheduling Package (CA7)		179,649		158,048
413	IBM Tivoli Omegamon DE V3		45,813		48,104
414	IBM Tivoli Omegamon XE CICS V3		45,813		48,104
415	CL/Supersession for z/OS		48,104		48,104

Section E

CPU Rate continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
417	IBM Tivoli Omegamon XE z/OS V2	91,626	96,208
418	Catalog/ Disk / HSM Audit and Recovery Utilities	27,225	28,042
420	Allen System Group Job Scan/Docu Text	43,859	18,000
421	Document Management Systems (MOBIUS)	87,486	90,111
422	Dumpmaster MVS	104,895	105,984
423	Group 1 Software MailStream Plus	21,434	21,434
424	Group 1 Software Zip+4 (Code-1 Plus)	25,925	25,925
425	IBI FOCUS	515,000	515,000
429	Insync MVS	89,817	90,749
430	IPSwitch Renewal	6,500	6,695
431	TicToc	7,608	7,837
433	LOTUS Domino V6	0	0
434	Connect:Direct	12,000	11,925
435	Merrill Consultants MXG	0	0
436	MVS Quick Reference	31,250	32,188
443	SAS Base	153,050	146,176
444	SAS/ STAT	96,780	101,867
445	SAS/ACCESS	96,780	96,319
447	SAS/ETS	48,390	101,867
452	SI SyncSort	20,811	21,802
454	SPC Systems - COBOL Report Writer Precompiler	2,849	2,935
463	Vanguard Security Reporter	51,505	53,051
466	BMC Event Manager	0	0
472	SDI TN3270 Emulation	11,128	11,685
475	GSF STEPLIB/LLIBEF	3,000	3,090
486	zOS Pitney Bowes Mail360	0	15,750
	Total Software Maintenance	**$2,201,864**	**$2,194,252**
506	Desktop Comuter Equipment	6,681	13,362
509	Tools for Staff	38,000	38,000
	Total Hardware Purchase	**$44,681**	**$51,362**
603	Software Upgrade	0	0
	Total Software Purchase	**$0**	**$0**
703	Network Supplies	0	0
	Total Expendable Supplies	**$0**	**$0**
818	S390 SoftwarExcel	152,181	150,468
831	Disaster Recovery Rental (Springnet)	115,000	115,000
832	Disaster Recovery Electric (Springnet)	38,000	38,000

Section E

CPU Rate continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP
859	CPU Training\Travel\Tools for Staff	0	10,000
	Total General Support Expense	**$305,181**	**$313,468**
Total Expense + Equipment:		**$6,296,790**	**$6,458,530**
Total Personnel and Expense + Equipment:		**$7,764,831**	**$8,005,797**
Indirect Costs Allocated:		**$699,127**	**$644,537**

Job Costs:

	Lines Printed	$5	$5
	zOS Enterprise Data Backup	$192,661	$232,303
	Laser Feet Printed	$988	$1,050
	zOS Data Storage	$80,679	$68,822
	AD	$67	$76
	AD - Exchange	$4,558	$5,368
	WAS	$0	$0
	DistSys Backup-Recovery	$0	$0
	SAN	$0	$0
	Physical Server Support	$0	$0
	VM	$0	$0
	Remote Server Support	$0	$0
	VDI	$0	$0
Total JobCosts:		**$278,958**	**$307,623**
Total Costs:		**$8,742,917**	**$8,957,957**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$8,957,957}{1,315,070,565,435} \quad x \ 1,000 \ = \ \$0.00681 \ \text{per 1,000 Service Units}$$

Prime\Peak Time Utilization for CPU will be billed at 100% of the CPU Rate.

Non-Prime\Off Hours Utilization for CPU will be billed at 75% of the CPU Rate.

Low Priority Utilliztaion for CPU will be billed at 65% of the CPU Rate.

Section E

Category #3

Unit of Service:	CICS Transactions
Estimated Utilization:	2,186,582,450

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	58,915	18,275
3	Technical Support Personnel	115,120	102,207
4	Fringe Benefits	71,354	54,012
	Total Personnel	**$245,390**	**$174,494**
306	CICS Transaction Gateway	48,585	53,216
307	CICS/TS V5	1,093,296	1,168,742
324	WebSphere MQ for Z/OS	459,710	473,502
333	SDF II MVS	27,300	30,938
	Total Software Lease	**$1,628,891**	**$1,726,398**
405	CA Intertest W/XA-ESA-CICS	0	66,748
	Total Software Maintenance	**$0**	**$66,748**
860	CICS Training\Travel\Tools for Staff	0	5,000
	Total General Support Expense	**$0**	**$5,000**

	FY14 CAP	FY15 CAP
Total Expense + Equipment:	**$1,628,891**	**$1,798,146**
Total Personnel and Expense + Equipment:	**$1,874,281**	**$1,972,640**
Indirect Costs Allocated:	**$168,756**	**$158,815**
Job Costs:		
zOS Enterprise Data Backup	$4,236	$5,361
Laser Feet Printed	$24	$26
zOS Data Storage	$3,357	$2,974
Total JobCosts:	**$7,617**	**$8,361**
Total Costs:	**$2,050,653**	**$2,139,816**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$2,139,816}{2,186,582,450} = \$0.00098 \text{ per Transaction}$$

Category #5

Unit of Service:	**zOS Enterprise Data Backup/Gigabyte Day**
Estimated Utilization:	**145,766,418**

Item Number	Description	$ **FY14 CAP**	$ **FY15 CAP**
2	Computer Operations Personnel	137,468	127,927
3	Technical Support Personnel	143,901	73,005
4	Fringe Benefits	115,361	90,078
	Total Personnel	**$396,729**	**$291,009**
111	High Density Tape Drive (VTSM) Growth	170,000	170,000
	Total Hardware Lease	**$170,000**	**$170,000**
233	GTX Qualifier Maintenance	2,800	2,800
234	Tape Unit	0	0
237	Virtual Tape	10,300	10,300
	Total Hardware Maintenance	**$13,100**	**$13,100**
411	CA TMS (CA1)	67,075	67,075
460	Tivoli Storage Management	25,500	25,500
471	Catalog/ Disk / HSM Audit and Recovery Utilities - zOS Enterpr	5,405	5,405
	Total Software Maintenance	**$97,980**	**$97,980**
701	Magnetic Tapes & Supplies	2,500	2,500
	Total Expendable Supplies	**$2,500**	**$2,500**
Total Expense + Equipment:		**$283,580**	**$283,580**
Total Personnel and Expense + Equipment:		**$680,309**	**$574,589**
Indirect Costs Allocated:		**$61,253**	**$46,259**
Job Costs:			
	zOS Data Storage	$7,016	$6,033
Total JobCosts:		**$7,016**	**$6,033**
Total Costs:		**$748,578**	**$626,881**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$626,881}{145,766,418} = \$0.00430 \quad \text{per Gigabyte per day}$$

Category #7

Unit of Service:	**Mailboxes**	
Estimated Utilization:	**529,082**	**AD and Exchange Mailboxes**
	378,101	**AD User IDs**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	531,857	548,413
4	Fringe Benefits	218,061	245,854
	Total Personnel	**$749,918**	**$794,267**
242	Servers - Maintenance Renewals	13,470	13,470
	Total Hardware Maintenance	**$13,470**	**$13,470**
343	Antivirus For Exchange	125,000	125,000
	Total Software Lease	**$125,000**	**$125,000**
437	Microsoft Premiere Support	31,000	0
438	SSL Certificates	1,375	1,375
474	Server Software - Maintenance Renewals - AD & Exchange	266,519	293,171
	Total Software Maintenance	**$298,894**	**$294,546**
504	SAN - New/Replacement Purchases	117,960	194,701
505	Deduplication/Replication Purchase - AD & Exchange	28,695	63,659
510	Servers - New/Replacement Purchases	58,334	58,334
511	TSM Hardware Purchase - AD & Exchange	66,951	0
	Total Hardware Purchase	**$271,940**	**$316,694**
605	Fax Services	0	0
610	Trend Micro ScanMail Security Software	98,500	98,500
611	ISA for Webmail Software	2,880	2,880
612	Enterprise Vault Software Upgrade	220,000	220,000
	Total Software Purchase	**$321,380**	**$321,380**
808	MAN Connection/ANS Support/RLS Charges	112,800	112,800
835	AD & Exchange Contractor Services	20,000	20,000
836	AD & Exchange Training\Travel\Tools for Staff	7,000	7,000
	Total General Support Expense	**$139,800**	**$139,800**
Total Expense + Equipment:		**$1,170,484**	**$1,210,890**
Total Personnel and Expense + Equipment:		**$1,920,402**	**$2,005,157**
Indirect Costs Allocated:		**$172,908**	**$161,433**
Job Costs:			
	DistSys Backup-Recovery	$195,977	$281,144
	VM	$122,377	$224,248
	SAN	$106,390	$124,334

Section E

AD - Exchange Rate continued

Item Number	Description	$	FY14 CAP	$	FY15 CAP
	Physical Server Support		$82,098		$84,848
	Remote Server Support		$33,802		$40,597
Total JobCosts:			**$540,644**		**$755,171**
Total Costs:			**$2,633,954**		**$2,921,761**

Rate Calculation AD User ID:

10% Total Costs/Utilization

$$\frac{\$292,176}{378,101} = \$0.77275 \quad \text{Monthly AD User ID Rate}$$

Rate Calculation AD - Exchange Mailbox (Includes AD User ID Rate):

90% Total Costs/Utilization

$$\frac{\$2,629,585}{529,082} = \$4.97009 \quad \text{Monthly AD - Exchange Mailbox Rate}$$

State Data Center
Cost Allocation Plan
Fiscal Year 2015

Category #8

Unit of Service: **zOS Data Storage Gigabyte/Day**

Estimated Utilization: **8,688,000**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	39,276	36,550
3	Technical Support Personnel	57,560	58,404
4	Fringe Benefits	39,703	42,568
	Total Personnel	**$136,540**	**$137,522**
105	DASD Lease	135,600	135,600
106	DASD Growth	255,000	255,000
	Total Hardware Lease	**$390,600**	**$390,600**
205	DASD Maintenance	68,000	68,000
236	FICON Directors	85,500	47,000
	Total Hardware Maintenance	**$153,500**	**$115,000**
303	Softek TDMF Replicator for zOS	23,483	25,145
313	DSF/DSS/HSM OS/390 V2	140,453	144,667
	Total Software Lease	**$163,936**	**$169,812**
426	IBM Storage Volume Controller (SVC)	0	0
427	IBM TotalStorage Productivity Center (TPC)	60,000	0
	Total Software Maintenance	**$60,000**	**$0**
Total Expense + Equipment:		**$768,036**	**$675,412**
Total Personnel and Expense + Equipment:		**$904,576**	**$812,934**
Indirect Costs Allocated:		**$81,446**	**$65,448**
Total Costs:		**$986,022**	**$878,383**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$878,383}{8,688,000} = \$0.10110 \text{ per Gigabyte per day}$$

Section E

State Data Center
Cost Allocation Plan
Fiscal Year 2015

Category #10

Unit of Service: **zOS IDMS Run Units**
Estimated Utilization: **358,018,159**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	39,276	36,550
3	Technical Support Personnel	71,950	73,005
4	Fringe Benefits	45,603	49,114
	Total Personnel	**$156,830**	**$158,669**
412	CA UNIPAK	1,634,702	1,231,895
	Total Software Maintenance	**$1,634,702**	**$1,231,895**
Total Expense + Equipment:		**$1,634,702**	**$1,231,895**
Total Personnel and Expense + Equipment:		**$1,791,532**	**$1,390,564**
Indirect Costs Allocated:		**$161,305**	**$111,953**
Job Costs:			
	Laser Feet Printed	$0	$0
	zOS Enterprise Data Backup	$988	$1,191
	zOS Data Storage	$6,219	$5,523
Total JobCosts:		**$7,207**	**$6,714**
Total Costs:		**$1,960,044**	**$1,509,231**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$1,509,231}{358,018,159} = \$0.00422 \text{ per Run Unit}$$

State Data Center
Cost Allocation Plan
Fiscal Year 2015

Category #11

Unit of Service:	zOS DB2 Service Units
Estimated Utilization:	1,151,366,410,556

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	230,241	204,414
4	Fringe Benefits	94,399	91,639
	Total Personnel	**$324,640**	**$296,053**
338	DB2 EOS v10	976,267	1,027,604
341	UDB - DB2 Utilities Suite	30,261	32,923
	Total Software Lease	**$1,006,528**	**$1,060,527**
416	IBM Tivoli Omegamon XE DB2 V4	96,512	80,700
419	DB2 Connect	37,247	36,191
432	DB2 LUW	8,684	8,684
440	Platinum DB2 Tools	345,036	758,774
441	RevealNet Reveal for DB2	0	0
464	DB2 Buffer Pool Tool	19,425	0
485	zOS DB2 Guardian Encryption Maintenance	0	40,530
	Total Software Maintenance	**$506,904**	**$924,879**
Total Expense + Equipment:		**$1,513,432**	**$1,985,406**
Total Personnel and Expense + Equipment:		**$1,838,072**	**$2,281,459**
Indirect Costs Allocated:		**$165,496**	**$183,677**
Job Costs:			
	Lines Printed	$0	$0
	zOS Enterprise Data Backup	$12,550	$14,891
	Laser Feet Printed	$10	$10
	zOS Data Storage	$57,060	$48,430
Total JobCosts:		**$69,621**	**$63,332**
Total Costs:		**$2,073,188**	**$2,528,468**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$2,528,468}{1,151,366,410,556} \quad x \quad 1,000 \quad = \quad \$0.00220 \quad \text{per 1,000 Service Units}$$

Category #14

Unit of Service: **All Fusion CPU Service Units**
Estimated Utilization: **6,353,044,312**

Item Number	Description	$	FY14 CAP	$	FY15 CAP
2	Computer Operations Personnel		0		0
3	Technical Support Personnel		43,170		43,803
4	Fringe Benefits		17,700		19,637
	Total Personnel		**$60,870**		**$63,440**
403	CA All Fusion		32,933		32,933
	Total Software Maintenance		**$32,933**		**$32,933**
Total Expense + Equipment:			**$32,933**		**$32,933**
Total Personnel and Expense + Equipment:			**$93,803**		**$96,373**
Indirect Costs Allocated:			**$8,446**		**$7,759**
Job Costs:					
	Lines Printed		$0		$0
	zOS Enterprise Data Backup		$0		$0
	Laser Feet Printed		$0		$0
	Disk Storage/Gigabyte Day		$0		$0
Total JobCosts:			**$0**		**$0**
Total Costs:			**$102,249**		**$104,132**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$104{,}132}{6{,}353{,}044{,}312} \quad x \quad 1{,}000 \quad = \quad \$0.01639 \quad \text{per 1,000 Service Units}$$

Category #15

Unit of Service:	**VM**
Estimated Utilization:	**18,242**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	143,901	146,010
4	Fringe Benefits	58,999	65,456
	Total Personnel	**$202,900**	**$211,466**
117	VM Hardware Lease	324,730	324,730
	Total Hardware Lease	**$324,730**	**$324,730**
238	VM Server and Storage Maintenance	48,900	63,345
	Total Hardware Maintenance	**$48,900**	**$63,345**
335	Red Hat Enterprise\Network Satellite	24,400	26,000
339	Symantic EndPoint Protection Subscription - VM	22,838	25,375
340	Microsoft Server Operating System Subscription	78,000	0
344	Vmware vCloud Enterprise Suite	0	430,000
	Total Software Lease	**$125,238**	**$481,375**
479	VMWare vSphere License Maintenance	207,075	207,075
	Total Software Maintenance	**$207,075**	**$207,075**
514	VM Hardware Purchase	310,490	160,000
	Total Hardware Purchase	**$310,490**	**$160,000**
607	VM Software Purchase	128,775	346,502
613	BMC ProactiveNet Performance Management Suite	110,000	110,000
	Total Software Purchase	**$238,775**	**$456,502**
807	IBM Server Support Line	25,000	25,000
841	VM Training\Travel\Tools for Staff	4,000	4,000
	Total General Support Expense	**$29,000**	**$29,000**

VM Rate continued

Item Number	Description	$	FY14 CAP	$	FY15 CAP
Total Expense + Equipment:			**$1,284,208**		**$1,722,027**
Total Personnel and Expense + Equipment:			**$1,487,108**		**$1,933,493**
Indirect Costs Allocated:			**$133,896**		**$155,663**
Job Costs:					
	SAN Storage		$57,629		$184,435
Total JobCosts:			**$57,629**		**$184,435**
Total Costs:			**$1,678,633**		**$2,273,591**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$2,273,591}{18,242} = \$124.63359 \text{ per Image per Month}$$

An Additional charges of $5 per Month extra for every one (1) GB of memory over our standard Configuration.

An Additional charges of $11 per Month extra for every one (1) additional virtual CPU over 3 vCPUs.

Category #16

| Unit of Service: | SAN |
| Estimated Utilization: | 10,685,031 |

Item Number	Description	$	FY14 CAP	$	FY15 CAP
2	Computer Operations Personnel		0		0
3	Technical Support Personnel		143,901		146,010
4	Fringe Benefits		58,999		65,456
	Total Personnel		**$202,900**		**$211,466**
113	SAN DASD		414,000		414,000
	Total Hardware Lease		**$414,000**		**$414,000**
231	SAN Server and Storage Maintenance		183,800		391,325
245	SVC Hardware Maintenance		2,500		2,500
	Total Hardware Maintenance		**$186,300**		**$393,825**
477	SAN Software		132,200		212,438
480	SolarWinds Storage Manager Maintenance		7,200		8,398
	Total Software Maintenance		**$139,400**		**$220,836**
504	SAN - New/Replacement Purchases		0		0
519	SAN Hardware Upgrade		13,333		529,000
	Total Hardware Purchase		**$13,333**		**$529,000**
830	SAN/NAS Support Line		10,000		10,000
838	SAN Training\Travel\Tools for Staff		15,000		15,000
	Total General Support Expense		**$25,000**		**$25,000**
Total Expense + Equipment:			**$778,033**		**$1,582,661**
Total Personnel and Expense + Equipment:			**$980,933**		**$1,794,127**
Indirect Costs Allocated:			**$88,321**		**$144,443**
Total Costs:			**$1,069,254**		**$1,938,570**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$1,938,570}{10,685,031} = \$0.18143 \text{ per GB per Month}$$

Category #17

Unit of Service:	**Physical Server Support**		
Estimated Utilization:	**1,284**		

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	115,120	116,808
4	Fringe Benefits	47,199	52,365
	Total Personnel	**$162,320**	**$169,173**
Total Expense + Equipment:		**$0**	**$0**
Total Personnel and Expense + Equipment:		**$162,320**	**$169,173**
Indirect Costs Allocated:		**$14,615**	**$13,620**
Job Costs:			
	VM	$0	$0
	SAN	$0	$0
Total JobCosts:		**$0**	**$0**
Total Costs:		**$176,935**	**$182,793**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$182,793}{1,284} = \$142.36200 \quad \text{per Server per Month}$$

Category #19

Unit of Service:	**DistSys Backup-Recovery**	
Estimated Utilization:	**734,186,134**	

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	9,819	9,138
3	Technical Support Personnel	172,681	175,212
4	Fringe Benefits	74,825	82,644
	Total Personnel	**$257,325**	**$266,993**
107	Deduplication/Replication Hardware Lease	0	0
	Total Hardware Lease	**$0**	**$0**
206	Data Domain Appliance Maintenance	227,200	308,527
207	Backup Admin Servers Maintenance (TSM Win)	4,800	5,040
232	TSM Server and Storage Maintenance	37,000	0
	Total Hardware Maintenance	**$269,000**	**$313,567**
460	Tivoli Storage Management	0	174,500
478	Vranger Software Maintenance	10,565	10,882
	Total Software Maintenance	**$10,565**	**$185,382**
503	Deduplication/Replication Purchase - DistSys Backup-Recovery	162,602	137,535
505	Deduplication/Replication Purchase - AD & Exchange	0	0
512	TSM Hardware Purchase - DistSys Backup-Recovery	52,604	50,869
515	Data Domain Hardware Upgrade	1,425	0
	Total Hardware Purchase	**$216,631**	**$188,404**
606	TSM Software Purchase	300,000	300,000
608	Vranger License Enhancement	23,400	23,400
	Total Software Purchase	**$323,400**	**$323,400**
802	Consulting Service	0	0
842	TSM Training\Travel\Tools for Staff	10,000	10,000
	Total General Support Expense	**$10,000**	**$10,000**

DistSys Backup-Recovery Rate continued

Item Number	Description	$	FY14 CAP	$	FY15 CAP
Total Expense + Equipment:			**$829,596**		**$1,020,753**
Total Personnel and Expense + Equipment:			**$1,086,921**		**$1,287,746**
Indirect Costs Allocated:			**$97,864**		**$103,675**
Job Costs:					
	SAN		$0		$0
	Physical Server Support		$0		$0
	VM		$28,308		$54,917
Total JobCosts:			**$28,308**		**$54,917**
Total Costs:			**$1,213,092**		**$1,446,339**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$1,446,339}{734,186,134} = \$0.00197 \text{ per Gigabyte per day}$$

Category #20

Indirect Cost Components:

Item Number	Description	$ FY14 CAP	$ FY15 CAP
1	Administrative Personnel	535,881	466,780
2	Computer Operations Personnel	49,096	45,688
3	Technical Support Personnel	613,017	525,636
4	Fringe Benefits	491,177	465,382
	Total Personnel	**$1,689,170**	**$1,503,486**
239	Batteries/UPS Maintenance	0	0
240	Generator Maintenance	0	0
	Total Hardware Maintenance	**$0**	**$0**
401	Axceler ControlPoint - SharePoint Internal	7,250	0
402	Axceler ControlPoint - SharePoint External	3,625	0
437	Microsoft Premiere Support	0	0
468	SQL	20,000	20,000
476	What's Up	0	0
	Total Software Maintenance	**$30,875**	**$20,000**
509	Tools for Staff	0	0
	Total Hardware Purchase	**$0**	**$0**
802	Consulting Service	60,000	60,000
805	IBM Global Network(Advantis)	0	0
806	Internet Access	0	0
807	IBM Server Support Line	0	0
808	MAN Connection/ANS Support/RLS Charges	0	0
810	Open Systems DR	0	0
811	Office Supplies, Equipment and Maintenance	12,500	12,500
812	Cell Phone	6,000	8,000
813	Electrical Distribution, Maintenance	100,000	100,000
814	Postage/Inter Agency Mail Delivery	4,000	4,000
815	Printing and Binding	3,500	3,500
816	Cabinets, Furniture & Building Changes	100,000	100,000
817	Reserve for Unplanned Expense	0	0
819	Security Services	0	0
820	Subscriptions & Publications	5,000	7,000
821	Telephone Service and Equipment	57,500	57,500
822	Training & Professional Development	10,000	10,000
823	Travel	15,000	15,000
824	Resource Oversight	108,000	108,000
825	VPN - Access Charge	3,000	3,000
827	SSL Certificates	1,000	4,000
828	Service Deployment Appliance	65,000	65,000
830	SAN/NAS Support Line	0	0
833	RedHat/JBoss Support	6,000	6,000
834	Websense Pur/Mtc Recovery	0	0
857	Compco Software and Billing Expenses	0	20,000
858	Fiscal Costs	0	3,500

Indirect Costs continued

Item Number	Description	$	FY14 CAP	$	FY15 CAP
	Total General Support Expense		$556,500		$587,000
Total Expense + Equipment:			$587,375		$607,000
Total Personnel and Expense + Equipment:			$2,276,545		$2,110,486

FY15 Billing Rate Derivation
State Data Center

Category #21

Unit of Service: **WAS**
Estimated Utilization: **312**

Estimated Cost:

Item Number	Description	$	FY14 CAP	$	FY15 CAP
2	Computer Operations Personnel		0		0
3	Technical Support Personnel		115,120		116,808
4	Fringe Benefits		47,199		52,365
	Total Personnel		**$162,320**		**$169,173**
428	Tivoli WAS\ND		121,893		139,906
	Total Software Maintenance		**$121,893**		**$139,906**
845	WAS Training\Travel\Tools for Staff		4,500		4,500
846	VM Additional Charges for Was		14,729		14,729
	Total General Support Expense		**$19,229**		**$19,229**

	FY14 CAP	FY15 CAP
Total Expense + Equipment:	**$141,122**	**$159,135**
Total Personnel and Expense + Equipment:	**$303,442**	**$328,308**
Indirect Costs Allocated:	**$27,321**	**$26,432**
Job Costs:		
VM	$0	$0
DistSys Backup-Recovery	$0	$0
Total JobCosts:	**$0**	**$0**
Total Costs:	**$330,763**	**$354,740**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$354,740}{312} = \$1,136.98578 \quad \text{per Image per Month}$$

Category #26

Unit of Service:	**Remote Server Support**
Estimated Utilization:	**7,202**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	230,241	248,217
4	Fringe Benefits	94,399	111,276
	Total Personnel	**$324,640**	**$359,492**
229	Remote Server Support	128,000	32,000
	Total Hardware Maintenance	**$128,000**	**$32,000**
340	Microsoft Server Operating System Subscription	0	90,000
342	Symantic EndPoint Protection Subscription - Remote Server Sup	19,892	19,892
	Total Software Lease	**$19,892**	**$109,892**
507	Remote Server Replacement	0	0
508	Remote Storage Hardware	0	0
	Total Hardware Purchase	**$0**	**$0**
616	Microsoft Server Operating System Purchase	0	70,702
	Total Software Purchase	**$0**	**$70,702**
844	Remote Server Support Training\Travel\Tools for Staff	0	0
	Total General Support Expense	**$0**	**$0**
Total Expense + Equipment:		**$147,892**	**$212,594**
Total Personnel and Expense + Equipment:		**$472,532**	**$572,086**
Indirect Costs Allocated:		**$42,546**	**$46,058**
Total Costs:		**$515,077**	**$618,144**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$618,144}{7,202} = \$85.82955 \text{ per Server per Month}$$

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Category #27

Unit of Service:	**VDI**	
Estimated Utilization:	**30,041**	

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	0
4	Fringe Benefits	0	0
	Total Personnel	**$0**	**$0**
243	VDI Server Maintenance	19,506	20,482
244	VDI Storage Maintenance	20,698	21,733
	Total Hardware Maintenance	**$40,204**	**$42,215**
469	VMWare View Software Maintenance	152,650	152,650
470	Microsoft VDA Licensing (Software Subscription)	170,250	225,250
	Total Software Maintenance	**$322,900**	**$377,900**
516	VDI End-Point Device	0	0
517	VDI Server and Upgrades	71,440	70,250
518	VDI Storage and Upgrades	64,666	155,000
521	RSA Token (2000)	0	0
	Total Hardware Purchase	**$136,106**	**$225,250**
609	VMWare View Licensing	86,000	86,000
	Total Software Purchase	**$86,000**	**$86,000**
Total Expense + Equipment:		**$585,210**	**$731,365**
Total Personnel and Expense + Equipment:		**$585,210**	**$731,365**
Indirect Costs Allocated:		**$52,691**	**$58,881**
Job Costs:			
	DistSys Backup-Recovery	$0	$0
	VM	$0	$0
	SAN	$0	$0
	Physical Server Support	$0	$0
Total JobCosts:		**$0**	**$0**
Total Costs:		**$637,901**	**$790,246**

VDI Rate Calculation:

Total Costs/Utilization

$$\frac{\$790,246}{30,041} = \$26.30602 \text{ per Virtual Desktop per month}$$

Section E

VDI Rate continued

Item Number	Description	$ FY14 CAP	$ FY15 CAP

RDP Pool Rate Calculation

VDI Rate x .25

$26.30602 x .25   = $6.57651 per RDP Pool Virtual Desktop per month

An Additional charges of $5 per Month extra for every one (1) GB of memory over our standard Configuration.

An Additional charges of $11 per Month extra for every one (1) additional virtual CPU over 3 vCPUs.

Category #28

Unit of Service: **FTP**
Estimated Utilization: **37,272**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	49,643
4	Fringe Benefits	0	22,255
	Total Personnel	**$0**	**$71,898**
439	MoveIT Software Maintenance	0	6,425
	Total Software Maintenance	**$0**	**$6,425**
837	FTP Training\Travel\Tools for Staff	0	3,000
847	VM Additional Charges for FTP	0	1,966
	Total General Support Expense	**$0**	**$4,966**

	FY14 CAP	FY15 CAP
Total Expense + Equipment:	**$0**	**$11,391**
Total Personnel and Expense + Equipment:	**$0**	**$83,289**
Indirect Costs Allocated:	**$0**	**$6,706**

Job Costs:

	FY14 CAP	FY15 CAP
VM	$0	$3,390
zOS Enterprise Data Backup	$0	$173
VDI	$0	$987
Total JobCosts:	**$0**	**$4,550**
Total Costs:	**$0**	**$94,545**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$94,545}{37,272} = \$2.53661 \text{ per Unit per Month}$$

Category #29

Unit of Service:	**SharePoint Internal**
Estimated Utilization:	**180**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	74,757
4	Fringe Benefits	0	33,514
	Total Personnel	**$0**	**$108,271**
401	Axceler ControlPoint	0	7,250
481	Server Software - Maintenance Renewals - SharePoint Internal	0	2,457
	Total Software Maintenance	**$0**	**$9,707**
617	SharePoint 2013 Upgrade	0	25,000
	Total Software Purchase	**$0**	**$25,000**
840	SharePoint Training\Travel\Tools for Staff	0	3,500
848	VM Additional Charges for SharePoint Internal	0	638
	Total General Support Expense	**$0**	**$4,138**

Total Expense + Equipment:		**$0**	**$38,845**
Total Personnel and Expense + Equipment:		**$0**	**$147,116**
Indirect Costs Allocated:		**$0**	**$11,844**
Job Costs:			
	VM	$0	$8,470
	DistSys Backup-Recovery	$0	$1,238
Total JobCosts:		**$0**	**$9,708**
Total Costs:		**$0**	**$168,668**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$168,668}{180} = \$937.04307 \text{ per Unit per Month}$$

An additional charge of $26.16 per Dedicated Base Per Month, will be charged (not to Exceed 1 GB)

An additional charge of $1.46 per GB over per Dedicated Base-Database

An additional charge of $0.00218 per GB per Day - for Dedicated Database

Category #30

Unit of Service:	**SharePoint External**
Estimated Utilization:	**132**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	33,290
4	Fringe Benefits	0	14,924
	Total Personnel	**$0**	**$48,214**
402	Axceler ControlPoint - SharePoint External	0	3,625
482	Server Software - Maintenance Renewals - SharePoint Exteranl	0	351
	Total Software Maintenance	**$0**	**$3,976**
617	SharePoint 2013 Upgrade	0	25,000
	Total Software Purchase	**$0**	**$25,000**
840	SharePoint Training\Travel\Tools for Staff	0	3,500
849	VM Additional Charges for SharePoint External	0	195
	Total General Support Expense	**$0**	**$3,695**
Total Expense + Equipment:		**$0**	**$32,671**
Total Personnel and Expense + Equipment:		**$0**	**$80,885**
Indirect Costs Allocated:		**$0**	**$6,512**
Job Costs:			
	VM	$0	$1,695
	DistSys Backup-Recovery	$0	$205
Total JobCosts:		**$0**	**$1,900**
Total Costs:		**$0**	**$89,298**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$89,298}{132} = \$676.49721 \quad \text{per Unit per Month}$$

Category #31

| Unit of Service: | TFS |
| Estimated Utilization: | **132** |

Item Number	Description	$ **FY14 CAP**	$ **FY15 CAP**
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	26,478	22,194
4	Fringe Benefits	10,856	9,949
	Total Personnel	**$37,334**	**$32,143**
442	MicroSoft Team Foundation Software Subscription	2,054	2,054
	Total Software Maintenance	**$2,054**	**$2,054**
843	TFS Training\Travel\Tools for Staff	300	300
850	VM Additional Charges for TFS	4,794	2,594
	Total General Support Expense	**$5,094**	**$2,894**
Total Expense + Equipment:		**$7,148**	**$4,948**
Total Personnel and Expense + Equipment:		**$44,482**	**$37,091**
Indirect Costs Allocated:		**$4,005**	**$2,986**
Job Costs:			
	VM	$4,502	$8,238
	DistSys Backup-Recovery	$123	$180
Total JobCosts:		**$8,439**	**$8,419**
Total Costs:		**$56,925**	**$48,495**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$48,495}{132} = \$367.39008 \text{ per Unit per Month}$$

An additional charge for Collection Database of $28.33129 per Dedicated Base Per Month

An additional charge for Collection Database Overage of $1.5807 per GB per Month

An additional charge for TFS Build Server of $99.75165 per VM Server per Month

An additional charge for Memory over 1 GB of $5.00 per GB per Month

An additional charge for vCPU over 3 Dedicated TFS Build Server of $11.00 per CPU per Month

An additional charge for Disk over 50 GB for Dedicated TFS Build Server of $0.17241 per GB per Month

Category #32

Unit of Service:	**Enterprise Fax Services**
Estimated Utilization:	**3,305,870**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	8,634	8,761
4	Fringe Benefits	3,540	3,927
	Total Personnel	**$12,174**	**$12,688**
210	Fax Server Host Maintenance	5,440	5,440
	Total Hardware Maintenance	**$5,440**	**$5,440**
457	Biscom Software Maintenance	11,400	11,400
	Total Software Maintenance	**$11,400**	**$11,400**
502	24-Port Fax Cards for Server	9,911	19,822
	Total Hardware Purchase	**$9,911**	**$19,822**
615	Biscom Enterprise Fax Software	9,124	9,124
	Total Software Purchase	**$9,124**	**$9,124**
854	Fax Circuit Installation Charge (One-time Cost)	292	292
855	Fax Circuit Charge - 6 PRI Circuits	45,960	45,960
	Total General Support Expense	**$46,252**	**$46,252**
Total Expense + Equipment:		**$82,127**	**$92,038**
Total Personnel and Expense + Equipment:		**$94,301**	**$104,726**
Indirect Costs Allocated:		**$8,491**	**$8,431**
Total Costs:		**$102,792**	**$113,157**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$113,157}{3,305,870} = \$0.03423 \text{ per Page}$$

An additional charge of $0.07720 Per Minute, will be charged for every Minute of Long Distance Service.

Category #33

Unit of Service:	**SSRS**
Estimated Utilization:	**120**

Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	77,677
4	Fringe Benefits	0	34,823
	Total Personnel	**$0**	**$112,500**
458	SSRS Software Maintenance	0	7,966
	Total Software Maintenance	**$0**	**$7,966**
852	VM Additional Charges for SSRS	0	1,659
853	SSRS Training\Travel\Tools for Staff	0	550
856	SSRS Staff Computer Replacement	0	900
	Total General Support Expense	**$0**	**$3,109**
Total Expense + Equipment:		**$0**	**$11,075**
Total Personnel and Expense + Equipment:		**$0**	**$123,575**
Indirect Costs Allocated:		**$0**	**$9,949**
Job Costs:			
	VM	$0	$10,165
	DistSys Backup-Recovery	$0	$644
Total JobCosts:		**$0**	**$10,810**
Total Costs:		**$0**	**$144,333**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$144,333}{120} = \$1,202.77860 \quad \text{per Reporting Instance per Month}$$

Category #34

Unit of Service:	**JIRA**
Estimated Utilization:	**33,132**

Item Number	Description	$ **FY14 CAP**	$ **FY15 CAP**
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	23,362
4	Fringe Benefits	0	10,473
	Total Personnel	**$0**	**$33,835**
483	JIRA License	0	4,160
484	JIRA Plugin	0	700
	Total Software Maintenance	**$0**	**$4,860**
851	VM Additional charges for JIRA	0	0
	Total General Support Expense	**$0**	**$0**
Total Expense + Equipment:		**$0**	**$4,860**
Total Personnel and Expense + Equipment:		**$0**	**$38,695**
Indirect Costs Allocated:		**$0**	**$3,115**
Job Costs:			
	VM	$0	$7,755
	DistSys Backup-Recovery	$0	$0
Total JobCosts:		**$0**	**$7,755**
Total Costs:		**$0**	**$49,565**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$49,565}{33,132} = \$1.49597 \quad \text{per User per Month}$$

Category #35

Unit of Service:	**AIX Hosted Services**
Estimated Utilization:	**1,800**

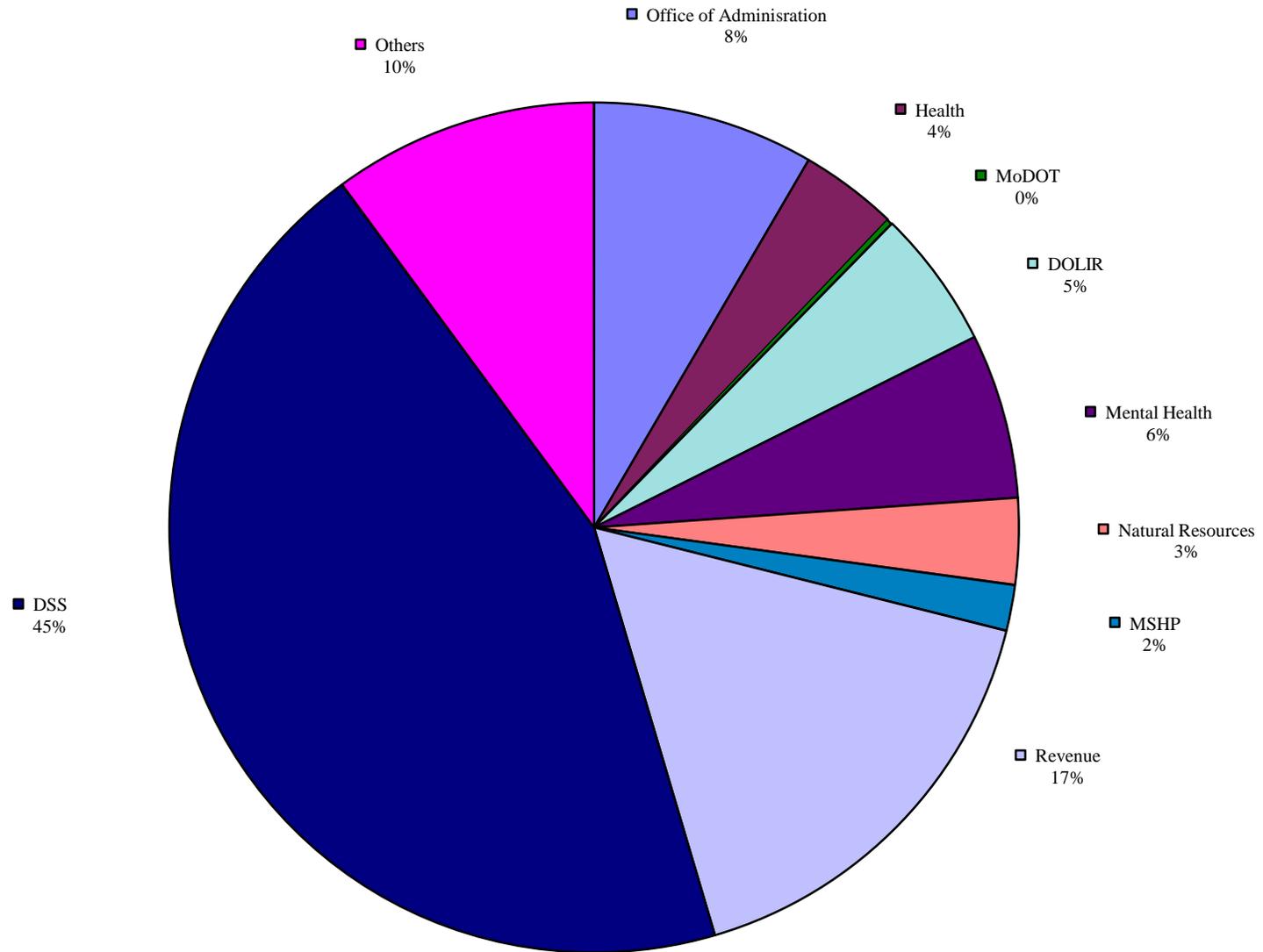| Item Number	Description	$ FY14 CAP	$ FY15 CAP
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	58,404
4	Fringe Benefits	0	26,182
	Total Personnel	**$0**	**$84,586**
Total Expense + Equipment:		**$0**	**$0**
Total Personnel and Expense + Equipment:		**$0**	**$84,586**
Indirect Costs Allocated:		**$0**	**$6,810**
Total Costs:		**$0**	**$91,396**

Rate Calculation:

Total Costs/Utilization

$$\frac{\$91,396}{1,800} = \$50.77578 \quad \text{per Server per Month}$$

Cost Estimates (F)

FY15 State Data Center
Estimated Customer Billing

- Office of Adminisration 8%
- Others 10%
- Health 4%
- MoDOT 0%
- DOLIR 5%
- Mental Health 6%
- Natural Resources 3%
- DSS 45%
- MSHP 2%
- Revenue 17%

FY15 Cost Estimates by Customer
State Data Center

Agency	CICS Transactions	All Fusion Service Units	CPU Service Units
Senate	$ 53	$ 0	$ 201
House of Representatives	135	0	650
Legislative Research	18	0	21
State Courts Administrator	1,330	0	6,318
Secretary of State	541	0	2,666
Auditor	68	0	415
Treasurer	79	0	131
Attorney General	259	0	734
OA/ITSD Systems & Programming	459	14,985	69,184
OA/Missouri Ethics Commission	7	0	11
OA/Depty Commissioner	287	0	1,675
OA/Accounting	4,831	0	25,483
OA/Budget and Planning	150	0	1,184
OA/ITSD Production	10,597	0	432,262
OA/Design and Construction	259	0	648
OA/Personnel	10,475	0	17,664
OA/Purchasing	667	0	4,826
OA/General Services	2,370	0	8,128
OA/Facilities Management	965	0	3,403
OA/Administrative Hearing Commission	17	0	54
OA/OIT	0	0	0
Dept of Agriculture	496	0	1,279
Dept of Insurance	448	0	3,063
Dept of Conservation	677	0	2,759
Dept of Economic Development	1,888	0	23,069
Dept of Elementary & Secondary ED	2,281	0	8,743
Dept of Higher Education	170	0	1,536
Dept of Health & SS	25,049	0	142,132
Dept of Transportation	9,115	0	27,896
Dept of Labor & Industrial Relation	179,748	29	644,390
Dept of Mental Health	8,670	0	120,598
Dept of Natural Resources	3,113	0	51,631
Dept of Public Safety	2,532	0	9,892
Missouri State Highway Patrol	129,385	20	228,280
Kansas City Police Dept	73	0	22
ReJIS	88,385	0	38,866
Dept of Revenue	149,976	0	2,026,602
Lottery Commission	231	0	510
State Tax Commission	43	0	77
Highway Reciprocity Commission	0	0	0
Dept of Social Services	1,493,731	89,098	5,029,520
Dept of Corrections	8,925	0	20,382
Others	1,315	0	1,053
Agency Total :	**$2,139,816**	**$104,132**	**$8,957,957**

Section F

FY15 Cost Estimates by Customer
State Data Center

Agency	DistSys Backup Recovery	zOS Enterprise Data Backup	zOS DB2 Service Units
Senate	$ 0	$ 0	$ 132
House of Representatives	0	0	477
Legislative Research	0	0	4
State Courts Administrator	0	1	1,997
Secretary of State	0	0	737
Auditor	0	262	94
Treasurer	14,463	1	39
Attorney General	0	0	217
OA/ITSD Systems & Programming	29,587	10,540	26,361
OA/Missouri Ethics Commission	0	0	5
OA/Depty Commissioner	5	0	155
OA/Accounting	0	53	9,436
OA/Budget and Planning	0	0	354
OA/ITSD Production	25,629	248,189	76,153
OA/Design and Construction	0	5	74
OA/Personnel	3,444	15	3,744
OA/Purchasing	26	0	614
OA/General Services	110	402	2,957
OA/Facilities Management	12,688	104	1,138
OA/Administrative Hearing Commission	828	0	8
OA/OIT	0	0	0
Dept of Agriculture	14,463	0	550
Dept of Insurance	14,463	11	1,035
Dept of Conservation	0	0	701
Dept of Economic Development	43,390	4	2,002
Dept of Elementary & Secondary ED	57,854	0	3,589
Dept of Higher Education	14,463	0	415
Dept of Health & SS	57,854	0	28,899
Dept of Transportation	0	0	6,220
Dept of Labor & Industrial Relation	101,244	41,489	6,747
Dept of Mental Health	231,414	754	38,955
Dept of Natural Resources	173,561	834	11,304
Dept of Public Safety	14,463	0	3,750
Missouri State Highway Patrol	0	2,783	55,450
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	130,170	24,665	383,346
Lottery Commission	0	0	114
State Tax Commission	0	0	16
Highway Reciprocity Commission	0	0	0
Dept of Social Services	115,707	42,849	1,854,041
Dept of Corrections	28,927	0	5,614
Others	0	0	1,023
Agency Total :	**$1,084,754**	**$372,962**	**$2,528,468**

FY15 Cost Estimates by Customer
State Data Center

Agency	zOS Data Storage	VM Images	zOS IDMS
Senate	$ 0	$ 0	$ 0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	385
Secretary of State	17	0	1
Auditor	52	22,683	0
Treasurer	2	22,683	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	23,901	65,107	70
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	21	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	105,248	88,478	0
OA/Design and Construction	1	0	0
OA/Personnel	432	6,678	23
OA/Purchasing	2	0	0
OA/General Services	144	1,669	3
OA/Facilities Management	27	18,363	0
OA/Administrative Hearing Commission	0	1,669	0
OA/OIT	0	0	0
Dept of Agriculture	0	22,683	0
Dept of Insurance	2	45,491	23
Dept of Conservation	0	0	740
Dept of Economic Development	2,555	45,491	137
Dept of Elementary & Secondary ED	0	90,983	0
Dept of Higher Education	0	45,491	0
Dept of Health & SS	2,174	204,648	57,962
Dept of Transportation	23	0	171
Dept of Labor & Industrial Relation	42,778	90,983	2,192
Dept of Mental Health	4,866	227,332	266
Dept of Natural Resources	842	90,983	0
Dept of Public Safety	0	45,491	0
Missouri State Highway Patrol	4,632	0	59,050
Kansas City Police Dept	0	0	0
ReJIS	0	0	56,145
Dept of Revenue	136,594	227,332	608,215
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	20	0	0
Dept of Social Services	422,268	113,666	722,823
Dept of Corrections	0	45,491	0
Others	0	0	1,025
Agency Total :	**$746,601**	**$1,523,396**	**$1,509,231**

FY15 Cost Estimates by Customer
State Data Center

Agency	Print (Lines)	Print (Laser)	AD User ID
Senate	$ 0	$ 0	$ 41
House of Representatives	0	0	71
Legislative Research	0	0	0
State Courts Administrator	0	10	51
Secretary of State	0	0	1,445
Auditor	0	22	41
Treasurer	0	0	631
Attorney General	0	0	3,226
OA/ITSD Systems & Programming	0	217	0
OA/Missouri Ethics Commission	0	0	153
OA/Depty Commissioner	0	0	10
OA/Accounting	73	77	0
OA/Budget and Planning	0	185	20
OA/ITSD Production	0	7,359	163
OA/Design and Construction	0	0	0
OA/Personnel	0	279	71
OA/Purchasing	0	232	51
OA/General Services	33	3,152	163
OA/Facilities Management	0	697	498
OA/Administrative Hearing Commission	0	0	31
OA/OIT	0	0	3,969
Dept of Agriculture	0	0	275
Dept of Insurance	0	0	356
Dept of Conservation	0	12	92
Dept of Economic Development	0	41	15,671
Dept of Elementary & Secondary ED	0	0	5,200
Dept of Higher Education	0	3	661
Dept of Health & SS	107	3,915	5,129
Dept of Transportation	0	3	234
Dept of Labor & Industrial Relation	0	198	1,903
Dept of Mental Health	0	0	211,492
Dept of Natural Resources	0	116	14,919
Dept of Public Safety	0	0	1,323
Missouri State Highway Patrol	0	0	10
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	481	406,350	7,276
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	195	1,273,161	12,954
Dept of Corrections	0	0	3,898
Others	0	0	71
Agency Total :	**$888**	**$1,696,030**	**$292,100**

Section F

FY15 Cost Estimates by Customer
State Data Center

Agency	AD Exchange Mailboxes	SAN	Physical Server Support
Senate	$ 0	$ 0	$ 0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	0	19,386	0
Treasurer	0	19,386	0
Attorney General	60	0	0
OA/ITSD Systems & Programming	30,273	60,573	0
OA/Missouri Ethics Commission	1,799	0	0
OA/Depty Commissioner	3,837	0	0
OA/Accounting	2,092	0	0
OA/Budget and Planning	3,951	0	0
OA/ITSD Production	12,261	48,241	19,077
OA/Design and Construction	0	0	0
OA/Personnel	4,125	3,967	0
OA/Purchasing	4,125	0	0
OA/General Services	6,218	0	0
OA/Facilities Management	39,627	21,981	1,424
OA/Administrative Hearing Commission	2,381	938	0
OA/OIT	96,743	0	0
Dept of Agriculture	21,615	19,386	0
Dept of Insurance	42,360	38,771	2,990
Dept of Conservation	0	0	0
Dept of Economic Development	38,931	38,771	16,087
Dept of Elementary & Secondary ED	94,476	116,314	0
Dept of Higher Education	5,636	19,386	0
Dept of Health & SS	140,554	135,700	1,424
Dept of Transportation	0	0	0
Dept of Labor & Industrial Relation	66,182	58,157	1,424
Dept of Mental Health	398,243	271,400	29,184
Dept of Natural Resources	121,787	213,243	1,424
Dept of Public Safety	71,410	19,386	0
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	104,064	135,700	4,413
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	513,351	96,929	20,500
Dept of Corrections	790,214	19,386	0
Others	7,902	0	0
Agency Total :	**$2,624,217**	**$1,356,999**	**$97,945**

FY15 Cost Estimates by Customer
State Data Center

Agency	WAS	Enterprise Fax Services	Remote Server Support
Senate	$ 0	$ 0	$ 0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	0	0	14,334
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	53,438	18	14,419
OA/Design and Construction	0	0	0
OA/Personnel	0	0	1,202
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	8,188	0
Dept of Agriculture	0	35	0
Dept of Insurance	0	20	8,669
Dept of Conservation	0	0	0
Dept of Economic Development	0	0	944
Dept of Elementary & Secondary ED	0	94	37,679
Dept of Higher Education	56,849	0	0
Dept of Health & SS	0	1,235	18,368
Dept of Transportation	0	11,776	0
Dept of Labor & Industrial Relation	70,493	71,090	14,505
Dept of Mental Health	0	151	139,044
Dept of Natural Resources	60,260	0	23,174
Dept of Public Safety	0	167	19,312
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	56,849	20,382	5,836
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	0	1	185,392
Dept of Corrections	56,849	0	94,670
Others	0	0	0
Agency Total :	**$354,740**	**$113,157**	**$577,547**

Section F

FY15 Cost Estimates by Customer
State Data Center

Agency	SharePoint Internal	SharePoint Exteranl	FTP
Senate	$ 0	$ 0	$ 0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	30
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	0	0	0
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	10,307	8,118	2,039
OA/Budget and Planning	0	0	0
OA/ITSD Production	0	8,118	883
OA/Design and Construction	0	0	0
OA/Personnel	0	0	0
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	0	0
Dept of Agriculture	10,307	0	213
Dept of Insurance	10,307	0	2,861
Dept of Conservation	0	0	0
Dept of Economic Development	10,307	8,118	1,887
Dept of Elementary & Secondary ED	21,552	8,118	2,861
Dept of Higher Education	11,245	8,118	1,887
Dept of Health & SS	10,307	8,118	3,805
Dept of Transportation	0	0	517
Dept of Labor & Industrial Relation	10,307	0	1,887
Dept of Mental Health	13,119	8,118	152
Dept of Natural Resources	11,245	0	883
Dept of Public Safety	10,307	16,236	9,528
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	12,182	0	26,513
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	16,867	8,118	37,836
Dept of Corrections	0	0	761
Others	10,307	8,118	0
Agency Total :	**$168,668**	**$89,298**	**$94,545**

FY15 Cost Estimates by Customer
State Data Center

Agency	AIX	SSRS	JIRA
Senate	$ 0	$ 0	$ 0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	0	0	0
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	0	0	0
OA/Design and Construction	0	0	0
OA/Personnel	0	0	0
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	6,093	72,167	0
Dept of Agriculture	0	14,433	54
Dept of Insurance	0	0	0
Dept of Conservation	0	0	0
Dept of Economic Development	0	0	72
Dept of Elementary & Secondary ED	0	0	1,490
Dept of Higher Education	0	0	144
Dept of Health & SS	85,303	14,433	0
Dept of Transportation	0	0	0
Dept of Labor & Industrial Relation	0	0	1,903
Dept of Mental Health	0	0	0
Dept of Natural Resources	0	14,433	38,255
Dept of Public Safety	0	0	0
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	0	14,433	0
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	0	14,433	7,647
Dept of Corrections	0	0	0
Others	0	0	0
Agency Total :	**$91,396**	**$144,333**	**$49,565**

FY15 Cost Estimates by Customer
State Data Center

Agency	VDI	TFS	Estimated Billing
Senate	$ 0	$ 0	$ 428
House of Representatives	0	0	1,334
Legislative Research	0	0	43
State Courts Administrator	0	0	10,093
Secretary of State	421	0	5,858
Auditor	0	0	43,024
Treasurer	0	0	57,414
Attorney General	0	0	4,497
OA/ITSD Systems & Programming	107,776	0	453,367
OA/Missouri Ethics Commission	0	0	1,975
OA/Depty Commissioner	4,235	0	10,204
OA/Accounting	4,235	6,246	73,012
OA/Budget and Planning	2,946	0	8,790
OA/ITSD Production	29,173	735	1,180,442
OA/OIT	0	0	187,159
OA/Design and Construction	0	0	987
OA/Personnel	3,814	0	55,933
OA/Purchasing	0	0	10,544
OA/General Services	13,521	0	38,869
OA/Facilities Management	3,393	0	104,308
OA/Administrative Hearing Commission	0	0	5,926
Dept of Agriculture	4,235	1,837	111,864
Dept of Insurance	65,949	1,837	238,657
Dept of Conservation	0	0	4,981
Dept of Economic Development	35,513	6,613	291,493
Dept of Elementary & Secondary ED	30,857	6,613	488,705
Dept of Higher Education	1,684	0	167,687
Dept of Health & SS	78,208	0	1,025,322
Dept of Transportation	0	0	55,956
Dept of Labor & Industrial Relation	41,853	6,246	1,455,746
Dept of Mental Health	15,652	5,511	1,724,920
Dept of Natural Resources	71,868	1,837	905,710
Dept of Public Safety	19,861	0	243,659
Missouri State Highway Patrol	0	0	479,611
Kansas City Police Dept	0	0	95
ReJIS	0	0	183,396
Dept of Revenue	54,111	5,511	4,541,002
Lottery Commission	0	0	855
State Tax Commission	3,393	0	3,529
Highway Reciprocity Commission	0	0	20
Dept of Social Services	185,984	5,511	12,262,580
Dept of Corrections	10,575	0	1,085,692
Others	0	0	30,814
Agency Total :	**$789,260**	**$48,495**	**$27,556,500**

Rate Comparison (G)

State Data Center
Cost Allocation Plan
Fiscal Year 2015

Comparison of Fiscal Year Billing Rates
State Data Center

Category	FY15	FY14	FY13	FY12	FY11
AD & Exchange Mailboxes (Monthly Rate)	4.97009	4.36557	5.07448	4.36337	4.02566
AD User ID (Monthly Rate)	0.77275	0.76449	0.78539	0.74021	1.01424
AIX	50.77578	0.00000	0.00000	0.00000	0.00000
All Fusion CPU Service Units	0.01639	0.02492	0.01635	0.02847	0.00875
CICS Transactions	0.00098	0.00083	0.00101	0.00087	0.00073
CPU Service Units/1000	0.00681	0.00732	0.00688	0.00944	0.00924
DistSys Backup-Recovery/GB Day	0.00197	0.00206	0.00390	0.00305	0.00328
Enterprise Fax Services	0.03423	0.03109	0.00000	0.00000	0.00000
FTP	2.53661	0.00000	0.00000	0.00000	0.00000
JIRA	1.49597	0.00000	0.00000	0.00000	0.00000
Laser Feet Printed	0.03261	0.03184	0.03039	0.03098	0.03153
Laser Feet Printed/Duplex	0.02609	0.02547	0.02431	0.02479	0.02522
Lines (Impact) Printed/1000	0.38895	0.37973	0.36249	0.36956	0.37603
Physical Server Support	142.36200	117.95652	91.28603	29.82952	52.21829
Remote Server Support	85.82955	67.06737	144.89986	0.00000	0.00000
SAN	0.18143	0.17241	0.15992	0.09361	0.26777
SharePoint External	676.49721	0.00000	0.00000	0.00000	0.00000
SharePoint Internal	937.04307	0.00000	0.00000	0.00000	0.00000
SSRS	1,202.77860	0.00000	0.00000	0.00000	0.00000
TFS	367.39008	431.25335	0.00000	0.00000	0.00000
VDI	26.30602	21.26336	24.25646	0.00000	0.00000
VM	124.63359	99.75165	60.12272	53.36238	57.01808
Vranger - Data Domain	0.00000	0.00000	0.00121	0.39358	0.01303
WAS	1,136.98578	1,968.82780	614.75440	464.35951	304.48994
zOS Data Storage/GB Day	0.10110	0.12814	0.13397	0.09566	0.08961
zOS DB2 Service Units/1000	0.00220	0.00214	0.00182	0.00216	0.00177
zOS Enterprise Data Backup/GB Day	0.00430	0.00621	0.00716	0.00867	0.01016
zOS IDMS	0.00422	0.00516	0.00517	0.00537	0.00424

Cost Compare with Percentage of Change

Num.	Category Description	15 Percentage of change	FY15	14 Percentage of change	FY14	13 Percentage of change	FY13	12 Percentage of change	FY12	11 Percentage of change	FY11
1	Laser Feet Printed	2%	0.03261	5%	0.03184	-2%	0.03039	-2%	0.03098	-28%	0.03153
1	Lines (Impact) Printed/1000	2%	0.38895	5%	0.37973	-2%	0.36249	-2%	0.36956	-28%	0.37603
1	Laser Feet Printed/Duplex	2%	0.02609	5%	0.02547	-2%	0.02431	-2%	0.02479	-28%	0.02522
2	CPU Service Units/1000	-7%	0.00681	6%	0.00732	-27%	0.00688	2%	0.00944	-3%	0.00924
3	CICS Transactions	18%	0.00098	-18%	0.00083	16%	0.00101	19%	0.00087	-17%	0.00073
5	zOS Enterprise Data Backup/GB Day	-31%	0.00430	-13%	0.00621	-17%	0.00716	-15%	0.00867	-11%	0.01016
7	AD User ID per Month	1%	0.77275	-3%	0.76449	6%	0.78539	-27%	0.74021	59%	1.01424
7	AD & Exchange Mailbox per Month	14%	4.97009	-14%	4.36557	16%	5.07448	8%	4.36337	64%	4.02566
8	zOS Data Storage/GB Day	-21%	0.10110	-4%	0.12814	40%	0.13397	7%	0.09566	-36%	0.08961
10	zOS IDMS Run Units	-18%	0.00422	0%	0.00516	-4%	0.00517	27%	0.00537	16%	0.00424
11	zOS DB2 Service Units/1000	2%	0.00220	18%	0.00214	-16%	0.00182	22%	0.00216	4%	0.00177
14	All Fusion CPU Service Units/1000	-34%	0.01639	52%	0.02492	-43%	0.01635	225%	0.02847	-26%	0.00875
15	VM per Image per Month	25%	124.63359	66%	99.75165	13%	60.12272	-6%	53.36	21%	57.02
16	SAN per 1GB per Month	5%	0.18143	8%	0.17241	71%	0.15992	-65%	0.09	-17%	0.27
17	Physical Server Support / Month	21%	142.36200	29%	117.95652	206%	91.28602	-43%	29.83	-4%	52.22
19	DistSys Backup-Recovery/GB Day	-4%	0.00197	-47%	0.00206	28%	0.00390	-7%	0.00305	61%	0.00328
21	WAS per Image per Month	-42%	1136.98578	220%	1968.82168	32%	614.75439	53%	464.36	0%	304.49
26	Remote Server Support per Server per	28%	85.82955	-54%	67.06737042	0%	144.89986				
27	VDI per Virtual Desktop per Month	24%	26.30602	-12%	21.26336482	0%	24.256464				
27	RDP Pool Users VDI per Month	--	6.57651	0%	0						
28	sFTP Units	--	2.53661	0%	0						
29	SharePoint Internal	--	937.04307	0%	0						
30	SharePoint External	--	676.49721	0%	0						
31	TFS	-15%	367.39008	0%	431.2533548						
32	Enterprise Fax Services	10%	0.03423	0%	0.03109367						
33	SSRS	--	1202.77860								
34	JIRA	--	1.49597								
35	AIX Hosted Services	--	50.77578								