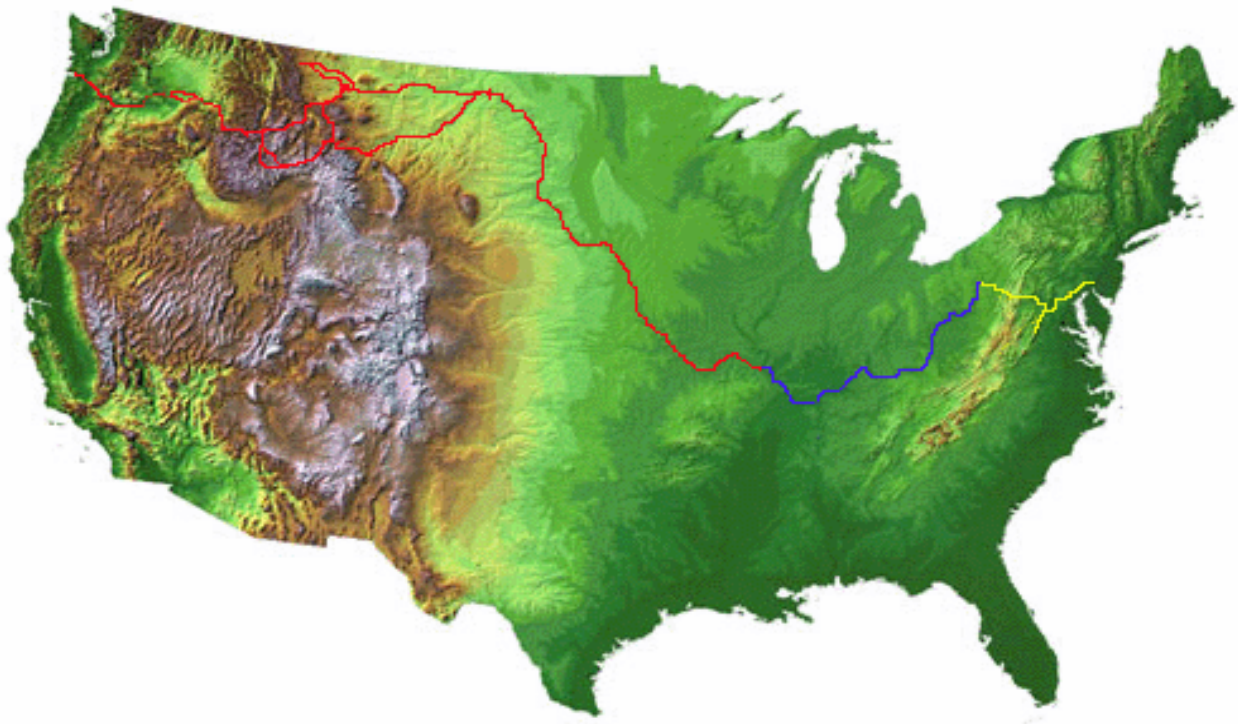




# Annual Report of Data Sales, Distribution, and Archiving



National Center for EROS

Sioux Falls, SD 57198

U.S. Department of Interior  
U.S. Geological Survey

**Fiscal Year 2004**

On The Cover....

## The Lewis and Clark Expedition and the USGS

The Lewis and Clark Expedition was the first of many government surveys of natural resources in the American West. The U.S. Geological Survey (USGS) was established on March 3, 1879 in response to a report from the National Academy of Sciences, which had been asked by the Congress in 1878 to provide a plan for surveying and mapping the Territories of the United States that would secure the best possible results at the least possible cost. The USGS continues to serve the nation as an independent fact-finding agency that provides scientific understanding about natural-resource conditions, issues, and problems. Because of its origin in natural resource surveys and the similarity of the USGS mission to Thomas Jefferson's charge to Meriwether Lewis, the USGS can be seen as the organizational successor to Lewis and Clark.

For more information on Lewis and Clark and the USGS - see...

<http://www.usgs.gov/features/lewisandclark.html>

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# Annual Report Of Data Services EROS Data Center

Fiscal Year 2004

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This report can also be found on the Internet at the following URL:  
<http://edc.usgs.gov/about/reports>



## Section I

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### USGS EDC Products And Services

In fiscal year 2004, the USGS EDC produced and distributed over \$10.6 million worth of products and services. Of the total, nearly \$9.8 million was in direct sales to outside customers and nearly \$348 thousand was in products and services provided through USGS EDC cooperative repay projects, for a "reimbursable" total of over \$10.6 million. The remaining just over \$502 thousand was for products and services distributed to users within the U.S. Geological Survey. In addition, almost 200 million files of digital data were distributed free of charge via the Internet.

	<b>Items</b>		<b>Dollars</b>
Photographic Products	62,003	\$	1,089,673
Archived Satellite Data Products	8,548		252,825
Landsat Products	19,942		6,800,514
US GeoData Products	171,334		1,050,695
ASTER Products	10,253		476,985
E01 Products	4,168		898,600
Seamless Products	1,720		78,492
<b>Total</b>	<b>277,968</b>	<b>\$</b>	<b>10,647,783</b>

## EDC Sales Report: Dollars Fiscal Year 2004

	Direct Repay	EDC Repay Projects	USGS Customers	TOTAL
<b>Photographic Data</b>				
<b>Aerial:</b> NAPP	\$ 597,419	\$ 329	\$ 10,185	\$ 607,934
Other	327,653	1,089	8,314	337,056
<b>Satellite:</b> Corona Satellite Photography	50,803	12,929	3,681	67,413
Landsat / Other	3,676	-	160	3,836
<b>Photo From Digital Source</b>	15,258	35,580	21,525	72,363
<b>Misc Photo Products / Services (Includes S/H)</b>	272	81	720	1,073
<b>Photographic Data Total:</b>	<b>\$ 995,080</b>	<b>\$ 50,008</b>	<b>\$ 44,585</b>	<b>\$ 1,089,673</b>
<b>Digital Data / Processing</b>				
<b>Archived Satellite Data Products</b>				
SPOT Data	\$ -	\$ -	\$ -	\$ -
AVHRR Images	61,862	2,435	2,460	66,757
Landsat Derivative Products (Satellites 4 - 5)	20,290	20	100	20,410
Digital From Photographic Source	25,968	1,466	24,955	52,389
Other Digital Data Products (Includes S/H )	93,011	10,706	9,552	113,269
<b>Archived Satellite Data Products Subtotal:</b>	<b>\$ 201,131</b>	<b>\$ 14,627</b>	<b>\$ 37,067</b>	<b>\$ 252,825</b>
<b>Landsat Products</b>				
<b>Landsat 1 - 5 Products</b>				
Landsat MSS (Satellites 1 - 5)	\$ 142,460	\$ 5,420	\$ 16,785	\$ 164,665
Landsat TM (Satellites 4 - 5)	1,594,739	59,805	100,260	1,754,804
<b>Landsat 1 - 5 Products Subtotal:</b>	<b>1,737,199</b>	<b>65,225</b>	<b>117,045</b>	<b>1,919,469</b>
<b>Landsat 7 / ETM Products</b>				
Level 0R	471,290	38,855	26,505	536,650
Level 1 R/G	3,963,580	26,525	55,320	4,045,425
Level 1 P/T	196,279	41,476	41,715	279,470
Landsat Derivative Products (Includes S/H Charges)	18,820	280	400	19,500
<b>Landsat 7 Products Subtotal:</b>	<b>4,649,969</b>	<b>107,136</b>	<b>123,940</b>	<b>4,881,045</b>
<b>Landsat 1 - 5 and 7 Products Subtotal:</b>	<b>\$ 6,387,168</b>	<b>\$ 172,361</b>	<b>\$ 240,985</b>	<b>\$ 6,800,514</b>
<b>US Geodata Products</b>				
DEM	\$ 14,712	\$ -	\$ 109	\$ 14,821
DLG	5,543	-	-	5,543
DOQ	386,910	795	51,773	439,477
DRG	25,296	14,783	2,370	42,449
Miscellaneous Geodata Products	111,778	63,201	270	175,249
Ortho Chip Data	209,335	1,625	37,828	248,788
MRLC Products	46,955	15,570	8,260	70,785
Digital Data Processing	17,080	14,095	21,725	52,900
Microsoft Products	682	-	-	682
<b>US Geodata Products Subtotal:</b>	<b>\$ 818,291</b>	<b>\$ 110,069</b>	<b>\$ 122,335</b>	<b>\$ 1,050,695</b>
<b>ASTER Products</b>	473,595	-	3,390	476,985
<b>E01 Products</b>	871,175	255	27,170	898,600
<b>Seamless Products</b>	51,504	-	26,988	78,492
<b>Digital Data / Processing Total:</b>	<b>\$ 8,802,863</b>	<b>\$ 297,312</b>	<b>\$ 457,934</b>	<b>\$ 9,558,110</b>
<b>Grand Total</b>	<b>\$ 9,797,943</b>	<b>\$ 347,320</b>	<b>\$ 502,520</b>	<b>\$ 10,647,783</b>

## EDC Sales Report: Items Fiscal Year 2004

	Direct Repay	EDC Repay	USGS Customer	TOTAL
<b>Photographic Data</b>				
<b>Aerial:</b> NAPP	30,273	21	891	31,185
Other	24,367	32	651	25,050
<b>Satellite:</b> Corona Satellite Photography	2,978	1,019	307	4,304
Landsat / Other	357	-	3	360
<b>Photo From Digital Source</b>	259	475	286	1,020
<b>Misc Photo Products / Services (Includes S/H)</b>	28	2	54	84
<b>Photographic Data Total:</b>	<b>58,262</b>	<b>1,549</b>	<b>2,192</b>	<b>62,003</b>
<b>Digital Data / Processing</b>				
<b>Archived Satellite Data Products</b>				
SPOT Data	-	-	-	-
AVHRR Images	345	8	20	373
Landsat Derivative Products (Satellites 4 - 5)	721	3	5	729
Digital From Photographic Source	1,114	79	1,748	2,941
Other Digital Data Products (Includes S/H Charges)	4,073	113	319	4,505
<b>Archived Satellite Data Products Subtotal:</b>	<b>6,253</b>	<b>203</b>	<b>2,092</b>	<b>8,548</b>
<b>Landsat Products</b>				
<b>Landsat 1 - 5 Products</b>				
Landsat MSS (Satellites 1 - 5)	934	36	54	1,024
Landsat TM (Satellites 4 - 5)	4,765	131	553	5,449
<b>Landsat 1 - 5 Products Subtotal:</b>	<b>5,699</b>	<b>167</b>	<b>607</b>	<b>6,473</b>
<b>Landsat 7 / ETM Products</b>				
Level 0R	1,439	144	149	1,732
Level 1 R/G	8,154	161	170	8,485
Level 1 P/T	354	67	150	571
Landsat Derivative Products (Includes S/H Charges)	2,587	41	53	2,681
<b>Landsat 7 Products Subtotal:</b>	<b>12,534</b>	<b>413</b>	<b>522</b>	<b>13,469</b>
<b>Landsat 1 - 5 and 7 Products Subtotal:</b>	<b>18,233</b>	<b>580</b>	<b>1,129</b>	<b>19,942</b>
<b>US Geodata Products</b>				
DEM	7,437	-	43	7,480
DLG	2,921	-	-	2,921
DOQ	93,591	46	31,418	125,055
DRG	14,132	14,672	1,475	30,279
Miscellaneous Geodata Products	801	14	9	824
Ortho Chip	2,030	28	548	2,606
MRLC Products	1,249	343	209	1,801
Digital Dat	140	95	102	337
Microsoft Products	31	-	-	31
<b>US Geodata Products Subtotal:</b>	<b>122,332</b>	<b>15,198</b>	<b>33,804</b>	<b>171,334</b>
<b>ASTER Products</b>				
<b>E01 Products</b>	10,138	50	65	10,253
<b>E01 Products</b>	1,453	2,301	414	4,168
<b>Seamless Products</b>	1,215	-	505	1,720
<b>Digital Data / Processing Total:</b>	<b>159,624</b>	<b>18,332</b>	<b>38,009</b>	<b>215,965</b>
<b>Grand Total</b>	<b>217,886</b>	<b>19,881</b>	<b>40,201</b>	<b>277,968</b>

\* Includes DAAC Products

## EDC Landsat Product Sales Report: Dollars Fiscal Year 2004

	Direct Repay	EDC Repay Projects	USGS Customers	TOTAL
<b>Landsat 1 - 5 Products*</b>				
<b>MSS</b>				
MSS Systematic Corrected Sngl	\$ 115,300	\$ 5,400	\$ 1,000	\$ 121,700
MSS Systematic Multi	4,000	-	-	4,000
MSS Map Registered Sngl	-	-	-	-
MSS Terrain Corrected Sngl	21,545	-	15,750	37,295
<b>MSS Subtotal:</b>	<b>\$ 140,845</b>	<b>\$ 5,400</b>	<b>\$ 16,750</b>	<b>\$ 162,995</b>
<b>TM</b>				
TM Systematic Corrected Sngl	\$ 848,713	\$ 3,400	\$ 10,710	\$ 862,823
TM Systematic Multi	377,560	625	1,875	380,060
TM Map Registered Sngl	25,190	-	550	25,740
TM Map-Reg-Multi	2,325	-	2,775	5,100
TM Terrain Corrected Sngl	305,750	54,500	65,250	425,500
TM Terrain-Corrected Multi	27,121	1,250	19,015	47,386
TM Level 0 Raw Sngl	-	-	-	-
TM Level 1 Radiometric Corrected Sngl	1,190	-	-	1,190
<b>TM Subtotal:</b>	<b>\$ 1,587,849</b>	<b>\$ 59,775</b>	<b>\$ 100,175</b>	<b>\$ 1,747,799</b>
<b>Landsat 1 - 5: Derivatives</b>				
Landsat Mosaics Education CD-ROM	1,170	20	100	1,290
Tape Copy	-	-	-	-
RGB / HIS Merge Data	-	-	-	-
CEES Data	-	-	-	-
NLDC Data	75	-	-	75
Humid Trop Forest Processed MS	-	-	-	-
Humid Trop Forest Processed TM	-	-	-	-
Global Change Landsat TM Data	-	-	-	-
NALC Triplicate Processing	18,880	-	-	18,880
Landsat Orthorectified TM	-	-	-	-
Landsat Orthorectified ETM+ Pansharpened	-	-	-	-
Landsat Orthorectified ETM+	-	-	-	-
<b>Landsat 1 - 5: Derivatives Subtotal:</b>	<b>\$ 20,125</b>	<b>\$ 20</b>	<b>\$ 100</b>	<b>\$ 20,245</b>
<b>Landsat 1 - 5: Shipping/Handling</b>				
Handling Fee	\$ 6,250	\$ 50	\$ 100	\$ 6,400
International Shipping	2,420	-	20	2,440
<b>Landsat 1 - 5: Shipping/Handling Subtotal:</b>	<b>\$ 8,670</b>	<b>\$ 50</b>	<b>\$ 120</b>	<b>\$ 8,840</b>
<b>Landsat 1 - 5 Products Total*:</b>	<b>\$ 1,757,489</b>	<b>\$ 65,245</b>	<b>\$ 117,145</b>	<b>\$ 1,939,879</b>

\* Includes \$24,410 in Landsat 1-5 derivative products

## EDC Landsat Product Sales Report: Dollars (con't)

### Fiscal Year 2004

	Direct Repay	EDC Repay Projects	USGS Customers	TOTAL
<b>Landsat 7 Products</b>				
<b>Level 0R</b>				
Landsat 7 Level 0R	\$ 205,650	\$ 28,120	\$ -	\$ 233,770
Landsat 7 Level 1 Intermediate	-	-	-	-
L0R HDF	103,690	-	-	103,690
L0R Intermediate	-	-	-	-
Landsat 7 SCL Level 0R Sngl HDF	9,595	-	-	9,595
Landsat 7 SCL Level 0 Intermediate Sngl	-	-	-	-
Landsat 7 SCL Level 0R FLT HDF	15,690	-	-	15,690
SCL Level 0 Intermediate FLT	-	-	-	-
ETM Level 0 Reformatted Single	109,630	10,735	26,505	146,870
ETM Level 0 Reformatted Multi	7,195	-	-	7,195
ETM SLC-Off Level 0R Raw Uncorrected	19,840	-	-	19,840
ETM Gap-Fill L1G Systematic LPGS	53,625	550	7,150	61,325
ETM Gap-Fill L1G Fill Scene	-	-	-	-
<b>Level 0R Subtotal:</b>	<b>\$ 524,915</b>	<b>\$ 39,405</b>	<b>\$ 33,655</b>	<b>\$ 597,975</b>
<b>Level 1 R/G</b>				
ETM Systematic Corrected Sngl	\$ 2,070,065	\$ 6,675	\$ 16,800	\$ 2,093,540
ETM Systematic Multi	231,170	4,000	-	235,170
ETM SLC-Off L1G Systematic NLAPS	101,810	2,500	1,600	105,910
ETM SLC-Off L1G Systematic NLAPS Multi	2,670	-	-	2,670
LS-7 Level 1 Geo-Corrected HDF	177,840	-	2,880	180,720
LS-7 Level 1 Geo-Corrected Geotiff	565,690	4,800	3,000	573,490
LS-7 Level 1 Geo-Corrected FastL7A	454,680	-	1,800	456,480
LS-7 Level 1 Radiom-Corrected HDF	11,520	-	-	11,520
L1G HDF	22,440	-	960	23,400
L1G GeoTiff	42,910	-	-	42,910
L1G Fast L7A	13,190	-	-	13,190
L1R HDF	1,330	-	-	1,330
LS-7 SLC Level 1 Geo-Corrected Sngl HDF	18,600	-	480	19,080
LS-7 SLC Level 1 Geo-Corrected Sngl Geotiff	87,820	2,350	6,850	97,020
LS-7 SLC Level 1 Geo-Corrected Sngl FastL7A	98,540	5,650	13,800	117,990
LS-7 SLC-Off Level 1R Radiometric LPGS HDF	-	-	-	-
LS-7 SLC Level 1 Geo-Corrected FLT HDF	3,630	-	-	3,630
LS-7 SLC Level 1G FLT Geotiff	4,100	-	-	4,100
LS-7 SLC Level 1G FLT FastL7A	-	-	-	-
LS-7 SLC Level 1R FLT HDF	1,950	-	-	1,950
<b>Level 1 R/G Subtotal:</b>	<b>\$ 3,909,955</b>	<b>\$ 25,975</b>	<b>\$ 48,170</b>	<b>\$ 3,984,100</b>
<b>Level 1 P/T</b>				
ETM Map Registered Sngl	\$ 12,180	\$ -	\$ -	\$ 12,180
ETM Map-Reg Multi	1,125	-	2,175	3,300
ETM Terrain Corrected Sngl	157,920	40,320	31,360	229,600
ETM Terrain-Cor Multi	21,790	-	2,400	24,190
ETM SLC-Off L1T Terrain NLAPS	3,264	816	5,780	9,860
ETM SLC-Off L1T Terrain NLAPS Multi	-	340	-	340
<b>Level 1 P/T Subtotal:</b>	<b>\$ 196,279</b>	<b>\$ 41,476</b>	<b>\$ 41,715</b>	<b>\$ 279,470</b>
<b>Landsat 7: Derivatives</b>	<b>\$ 420</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 420</b>
<b>Landsat 7: Shipping/Handling Fees</b>	<b>\$ 18,400</b>	<b>\$ 280</b>	<b>\$ 400</b>	<b>\$ 19,080</b>
<b>Total Landsat 7 Products</b>	<b>\$ 4,649,969</b>	<b>\$ 107,136</b>	<b>\$ 123,940</b>	<b>\$ 4,881,045</b>
<b>Total Landsat Products</b>	<b>\$ 6,407,458</b>	<b>\$ 172,381</b>	<b>\$ 241,085</b>	<b>\$ 6,820,924</b>



## EDC Landsat Product Sales Report: Items Fiscal Year 2004

	Direct Repay	EDC Repay	USGS Customer	TOTAL
<b>Landsat 1 - 5 Products</b>				
<b>MSS</b>				
MSS Systematic Corrected Sngl	656	32	5	693
MSS Systematic Multi	13	-	-	13
MSS Map Registered Sngl	-	-	-	-
MSS Terrain Corrected Sngl	63	-	42	105
<b>MSS Subtotal:</b>	<b>732</b>	<b>32</b>	<b>47</b>	<b>811</b>
<b>TM</b>				
TM Systematic Corrected Sngl	2,288	11	91	2,390
TM Systematic Multi	626	1	3	630
TM Map Registered Sngl	54	-	1	55
TM Map-Reg-Multi	3	-	3	6
TM Terrain Corrected Sngl	591	109	129	829
TM Terrain-Corrected Multi	31	2	21	54
TM Level 0 Raw Sngl	-	2	15	17
TM Level 1 Radiometric Corrected Sngl	3	-	17	20
<b>TM Subtotal:</b>	<b>3,596</b>	<b>125</b>	<b>280</b>	<b>4,001</b>
<b>Landsat 1 - 5: Derivatives</b>				
Landsat Mosaics Education CD-ROM	60	3	5	68
Tape Copy	-	-	256	256
RGB / HIS Merge Data	-	-	-	-
CEES Data	-	-	-	-
NLDC Data	5	-	-	5
Humid Trop Forest Processed MS	-	-	-	-
Humid Trop Forest Processed TM	-	-	-	-
Global Change Landsat TM Data	-	-	-	-
NALC Triplicate Processing	628	-	-	628
Landsat Orthorectified TM	-	-	-	-
Landsat Orthorectified ETM+ Pansharpened	-	-	-	-
Landsat Orthorectified ETM+	-	-	-	-
<b>Landsat 1 - 5: Derivatives Subtotal:</b>	<b>693</b>	<b>3</b>	<b>261</b>	<b>957</b>
<b>Landsat 1 - 5: Shipping/Handling</b>				
Handling Fee	1,255	10	23	1,288
International Shipping	144	-	1	145
<b>Landsat 1 - 5: Shipping/Handling Subtotal:</b>	<b>1,399</b>	<b>10</b>	<b>24</b>	<b>1,433</b>
<b>Total Landsat 1 - 5 Products:</b>	<b>6,420</b>	<b>170</b>	<b>612</b>	<b>7,202</b>

# EDC Landsat Product Sales Report: Items (con't)

## Fiscal Year 2004

	Direct Repay	EDC Repay	USGS Customer	TOTAL
<b>Landsat 7 Products</b>				
<b>Level 0R</b>				
Landsat 7 Level 0R	532	79	32	643
Landsat 7 Level 1 Intermediate	-	-	-	-
LOR HDF	135	3	-	138
LOR Intermediate	-	-	-	-
Landsat 7 SCL Level 0R Sngl HDF	25	-	10	35
Landsat 7 SCL Level 0 Intermediate Sngl	357	27	38	422
Landsat 7 SCL Level 0R FLT HDF	22	2	-	24
SCL Level 0 Intermediate FLT	16	3	-	19
ETM Level 0 Reformatted Single	273	28	69	370
ETM Level 0 Reformatted Multi	14	1	-	15
ETM SLC-Off Level 0R Raw Uncorrected	65	1	-	66
ETM Gap-Fill L1G Systematic LPGS	195	4	34	233
ETM Gap-Fill L1G Fill Scene	197	4	34	235
<b>Level 0R Subtotal:</b>	<b>1,831</b>	<b>152</b>	<b>217</b>	<b>2,200</b>
<b>Level 1 R/G</b>				
ETM Systematic Corrected Sngl	4,102	62	30	4,194
ETM Systematic Multi	322	6	-	328
ETM SLC-Off L1G Systematic NLAPS	404	10	5	419
ETM SLC-Off L1G Systematic NLAPS Multi	7	-	-	7
LS-7 Level 1 Geo-Corrected HDF	314	7	7	328
LS-7 Level 1 Geo-Corrected Geotiff	1,085	11	7	1,103
LS-7 Level 1 Geo-Corrected FastL7A	911	14	7	932
LS-7 Level 1 Radiom-Corrected HDF	23	1	1	25
L1G HDF	28	-	3	31
L1G GeoTiff	63	1	1	65
L1G Fast L7A	18	2	1	21
L1R HDF	2	-	1	3
LS-7 SLC Level 1 Geo-Corrected Sngl HDF	46	5	3	54
LS-7 SLC Level 1 Geo-Corrected Sngl Geotiff	194	12	12	218
LS-7 SLC Level 1 Geo-Corrected Sngl FastL7A	230	18	23	271
LS-7 SLC-Off Level 1R Radiometric LPGS HDF	-	1	1	2
LS-7 SLC Level 1 Geo-Corrected FLT HDF	5	1	-	6
LS-7 SLC Level 1G FLT Geotiff	6	1	-	7
LS-7 SLC Level 1G FLT FastL7A	-	1	-	1
LS-7 SLC Level 1R FLT HDF	2	-	-	2
<b>Level 1 R/G Subtotal:</b>	<b>7,762</b>	<b>153</b>	<b>102</b>	<b>8,017</b>
<b>Level 1 P/T</b>				
ETM Map Registered Sngl	18	-	-	18
ETM Map-Reg Multi	1	-	3	4
ETM Terrain Corrected Sngl	305	63	127	495
ETM Terrain-Cor Multi	20	-	3	23
ETM SLC-Off L1T Terrain NLAPS	10	3	17	30
ETM SLC-Off L1T Terrain NLAPS Multi	-	1	-	1
<b>Level 1 P/T Subtotal:</b>	<b>354</b>	<b>67</b>	<b>150</b>	<b>571</b>
<b>Landsat 7: Derivatives</b>				
	<b>12</b>	<b>-</b>	<b>-</b>	<b>12</b>
<b>Landsat 7: Shipping/Handling Fees</b>				
	<b>2,575</b>	<b>41</b>	<b>53</b>	<b>2,669</b>
<b>Total Landsat 7 Products</b>				
	<b>12,534</b>	<b>413</b>	<b>522</b>	<b>13,469</b>
<b>Total Landsat Products</b>				
	<b>18,954</b>	<b>583</b>	<b>1,134</b>	<b>20,671</b>

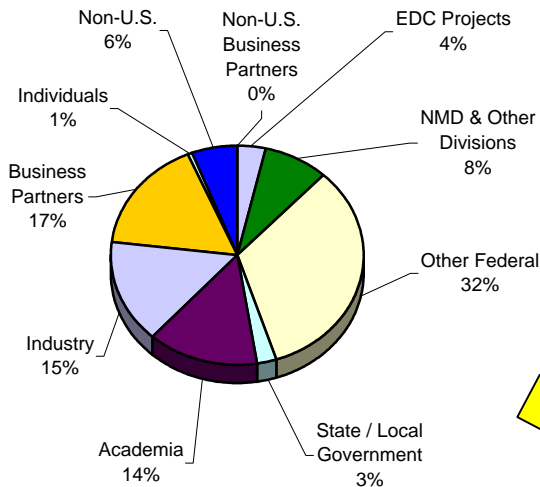
# Customer Profile

## USGS EDC Landsat 1 - 5 Products - Digital

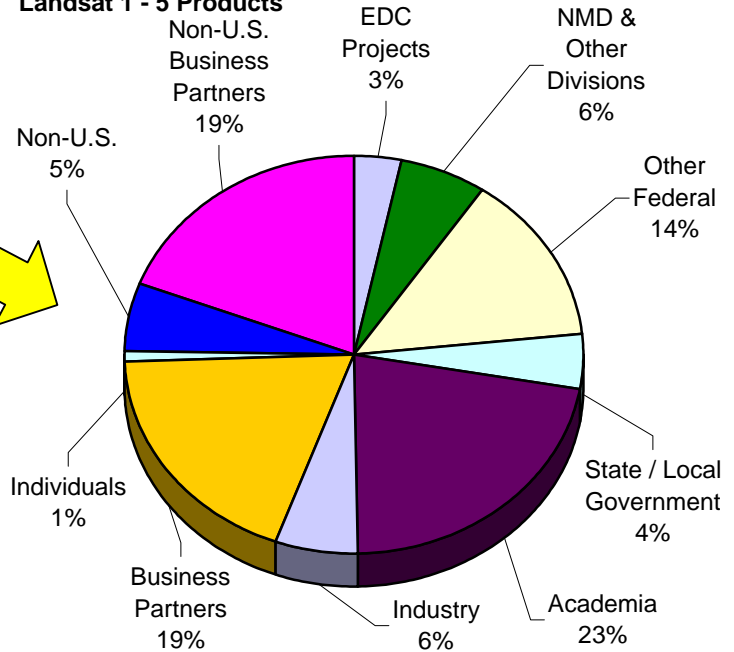
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	170	\$ 65,245
NMD & Other Divisions	612	117,145
Other Federal	912	271,955
<b>Total Federal Government</b>	<b>1,694</b>	<b>\$ 454,345</b>
<b>State / Local Government</b>		
Academia	1,400	427,601
Industry	384	112,708
Business Partners	1,211	368,250
Individuals	74	13,765
Non-U.S.	602	106,725
Non-U.S. Business Partners	1,371	373,135
<b>FY 2004 Total</b>	<b>7,202</b>	<b>\$ 1,939,879</b>
<b>FY 2003 Total</b>	<b>4,545</b>	<b>\$ 1,278,838</b>

**% of Total FY 2003 Dollars :  
Landsat 1 - 5 Products**



**% of Total FY 2004 Dollars :  
Landsat 1 - 5 Products**



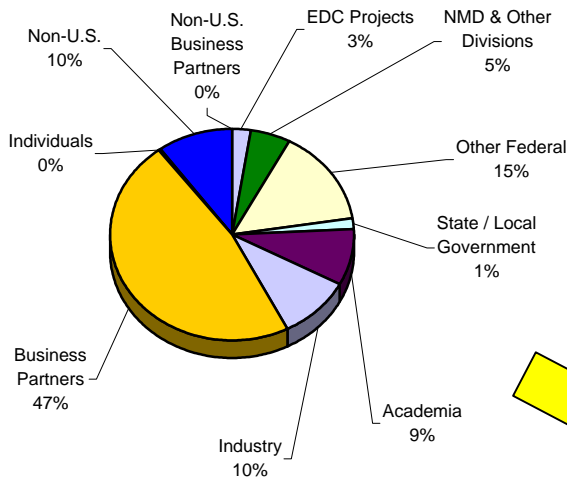
# Customer Profile

## USGS EDC Landsat 7 Products - Digital

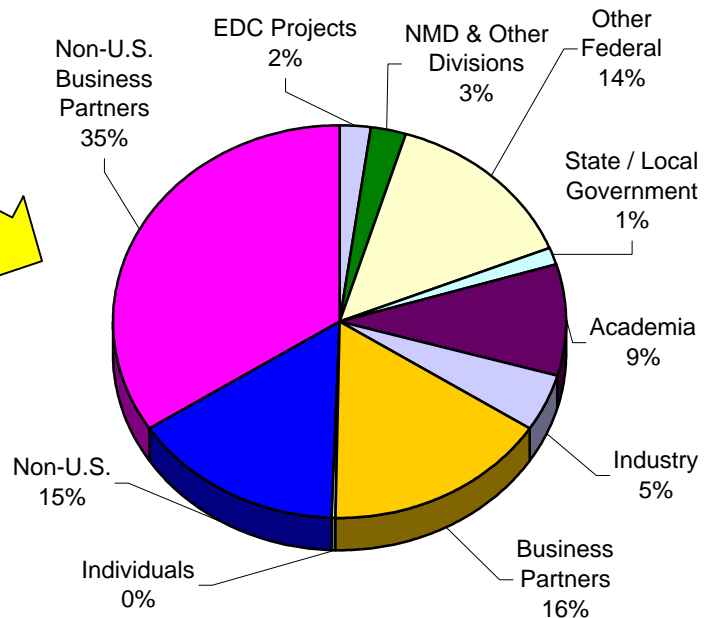
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	413	\$ 107,136
NMD & Other Divisions	522	123,940
Other Federal	1,668	688,844
<b>Total Federal Government</b>	<b>2,603</b>	<b>\$ 919,920</b>
<b>State / Local Government</b>		
Academia	1,163	454,597
Industry	635	233,865
Business Partners	2,138	783,100
Individuals	41	12,905
Non-U.S.	2,099	749,806
Non-U.S. Business Partners	4,656	1,661,155
<b>FY 2004 Total</b>	<b>13,469</b>	<b>\$ 4,881,045</b>
<b>FY 2003 Total</b>	<b>17,178</b>	<b>\$ 6,484,436</b>

**% of Total FY 2003 Dollars :  
Landsat 7 Products**



**% of Total FY 2004 Dollars :  
Landsat 7 Products**



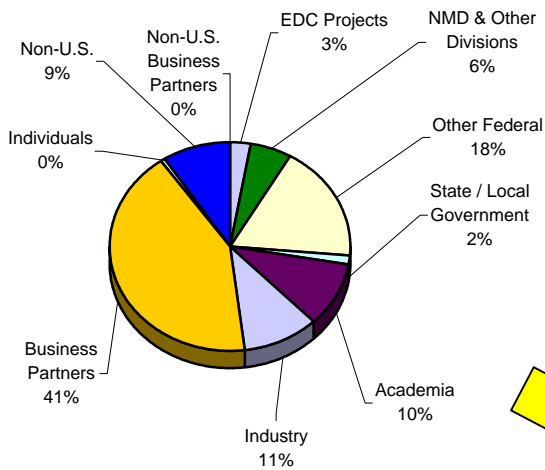
# Customer Profile

## USGS EDC All Landsat Products - Digital

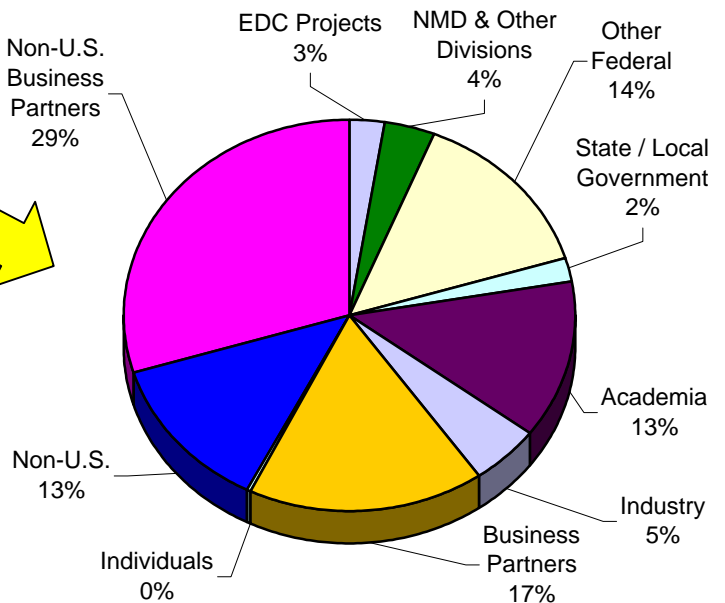
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	583	\$ 172,381
NMD & Other Divisions	1,134	241,085
Other Federal	2,580	960,799
<b>Total Federal Government</b>	<b>4,297</b>	<b>\$ 1,374,265</b>
<b>State / Local Government</b>		
Academia	2,563	882,198
Industry	1,019	346,573
Business Partners	3,349	1,151,350
Individuals	115	26,670
Non-U.S.	2,701	856,531
Non-U.S. Business Partners	6,027	2,034,290
<b>FY 2004 Total</b>	<b>20,671</b>	<b>\$ 6,820,924</b>
<b>FY 2003 Total</b>	<b>21,723</b>	<b>\$ 7,763,274</b>

**% of Total FY 2003 Dollars :  
Landsat Products**



**% of Total FY 2004 Dollars :  
Landsat Products**



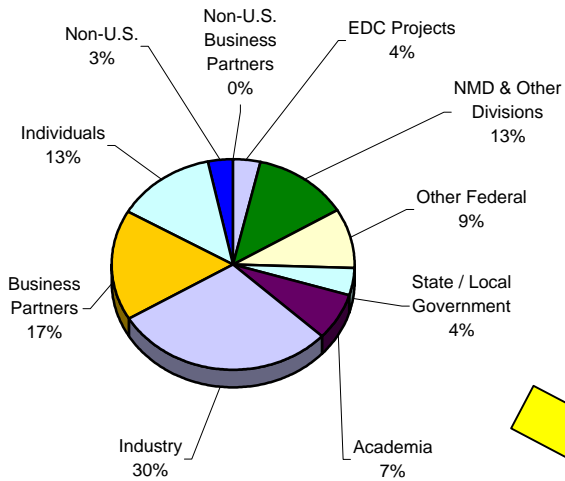
# Customer Profile

## USGS EDC Photographic Products

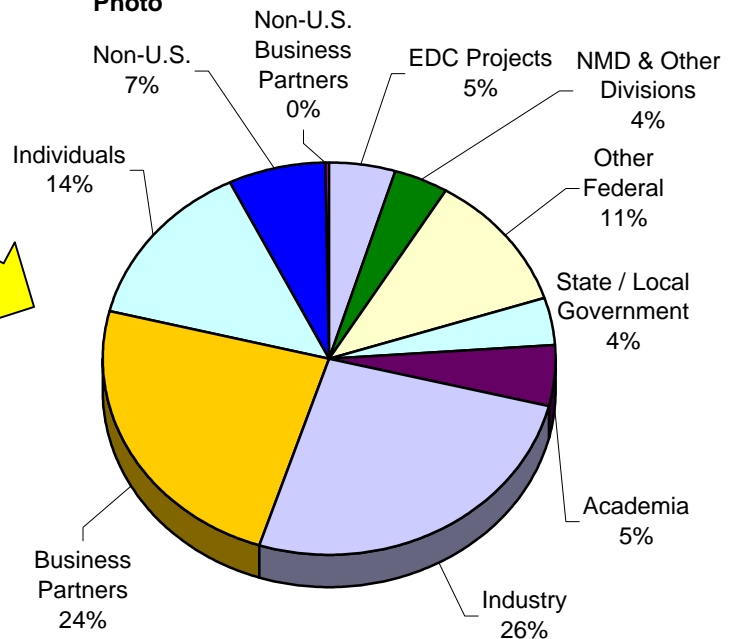
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	1,549	\$ 50,008
NMD & Other Divisions	2,192	44,585
Other Federal	8,693	124,277
<b>Total Federal Government</b>	<b>12,434</b>	<b>\$ 218,870</b>
<b>State / Local Government</b>		
Academia	4,364	53,889
Industry	12,495	284,402
Business Partners	16,896	261,482
Individuals	8,284	150,260
Non-U.S.	4,673	76,927
Non-U.S. Business Partners	224	3,022
<b>FY 2004 Total</b>	<b>62,003</b>	<b>\$ 1,089,673</b>
<b>FY 2003 Total</b>	<b>123,792</b>	<b>\$ 1,448,096</b>

**% of Total FY 2003 Dollars :  
Photo**



**% of Total FY 2004 Dollars :  
Photo**



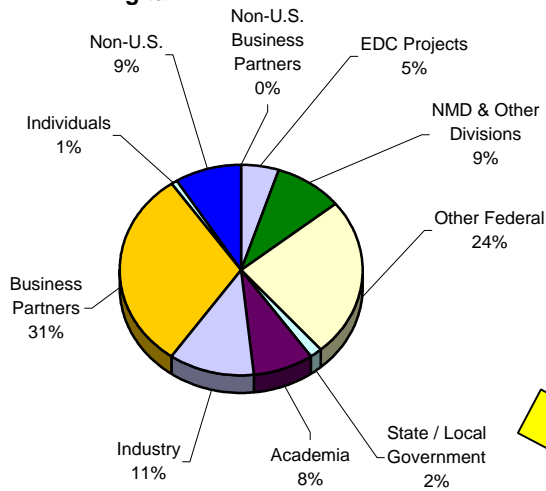
# Customer Profile

## USGS EDC Digital Data - All Products

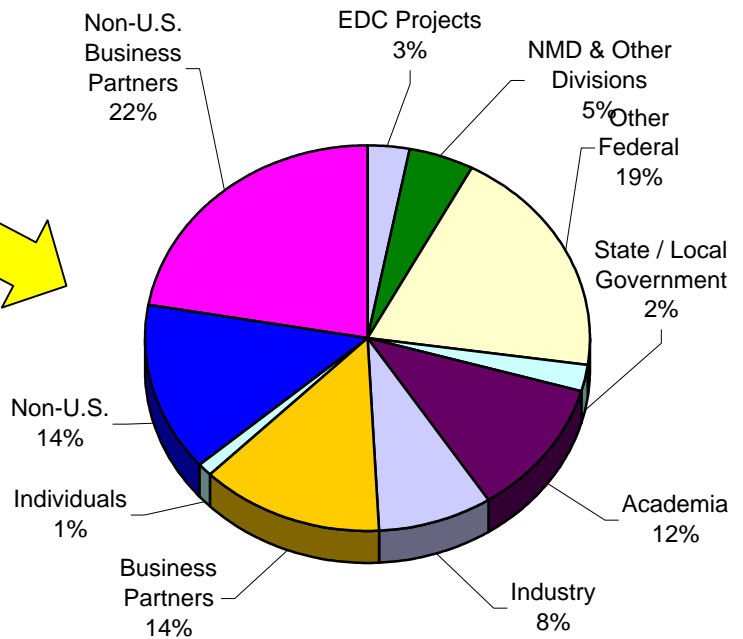
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	18,332	\$ 297,312
NMD & Other Divisions	38,009	457,934
Other Federal	31,669	1,837,941
<b>Total Federal Government</b>	<b>88,010</b>	<b>\$ 2,593,187</b>
State / Local Government	8,371	\$ 215,940
Academia	8,490	1,100,057
Industry	44,450	785,228
Business Partners	42,604	1,290,777
Individuals	5,256	96,755
Non-U.S.	11,368	1,354,552
Non-U.S. Business Partners	7,416	2,121,615
<b>FY 2004 Total</b>	<b>215,965</b>	<b>\$ 9,558,110</b>
<b>FY 2003 Total</b>	<b>583,940</b>	<b>\$ 11,476,731</b>

**% of Total FY 2003 Dollars :  
Digital**



**% of Total FY 2004 Dollars :  
Digital**



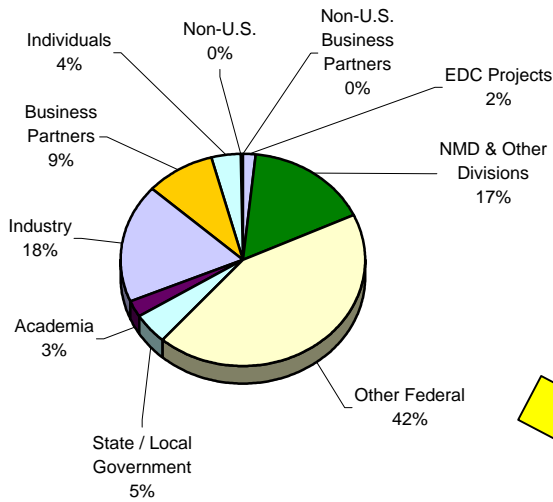
# Customer Profile

## USGS EDC GeoData Products - Digital

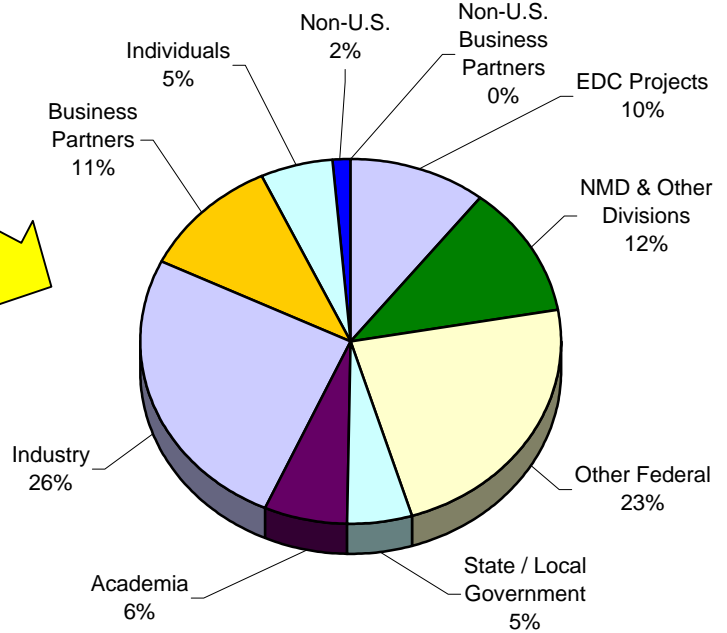
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	15,198	\$ 110,069
NMD & Other Divisions	33,804	122,335
Other Federal	25,517	243,352
<b>Total Federal Government</b>	<b>74,519</b>	<b>\$ 475,756</b>
State / Local Government	7,509	\$ 52,280
Academia	3,325	67,105
Industry	41,275	269,378
Business Partners	38,978	114,157
Individuals	4,617	56,206
Non-U.S.	1,111	15,815
Non-U.S. Business Partners	-	-
<b>FY 2004 Total</b>	<b>171,334</b>	<b>\$ 1,050,695</b>
<b>FY 2003 Total</b>	<b>530,916</b>	<b>\$ 1,306,682</b>

**% of Total FY 2003 Dollars :  
GeoData**



**% of Total FY 2004 Dollars :  
GeoData**





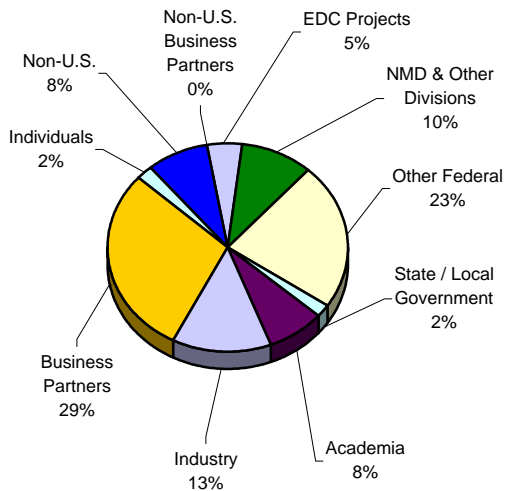
# Customer Profile

## USGS EDC All Data Products

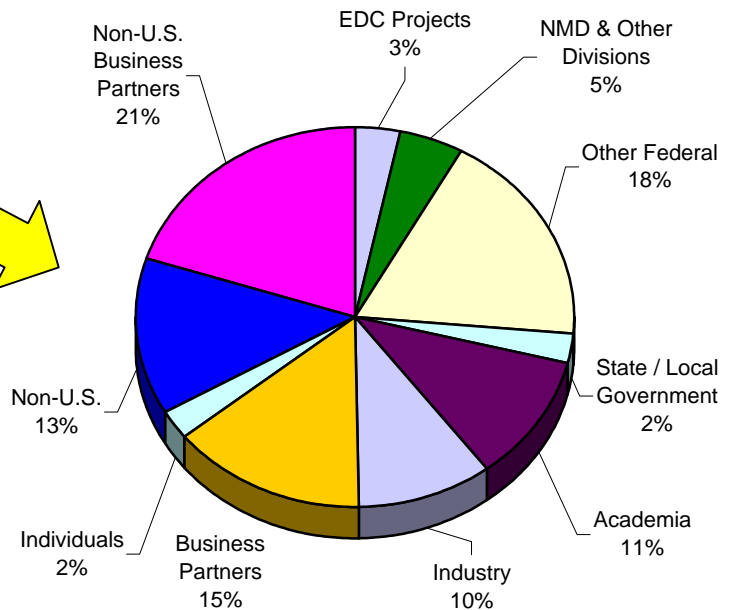
### Fiscal Year 2004

Customer Category	Items	Dollars
<b>Federal Government</b>		
EDC Projects	19,881	\$ 347,320
NMD & Other Divisions	40,201	502,620
Other Federal	40,362	1,962,218
<b>Total Federal Government</b>	<b>100,444</b>	<b>\$ 2,812,157</b>
State / Local Government	11,004	256,762
Academia	12,854	1,153,946
Industry	56,945	1,069,630
Business Partners	59,500	1,552,258
Individuals	13,540	247,015
Non-U.S.	16,041	1,431,479
Non-U.S. Business Partners	7,640	2,124,637
<b>FY 2004 Total</b>	<b>277,968</b>	<b>\$ 10,647,883</b>
<b>FY 2003 Total</b>	<b>707,732</b>	<b>\$ 12,924,827</b>

**% of Total FY 2003 Dollars :**  
**All Data Products**



**% of Total FY 2004 Dollars :**  
**All Data Products**



**USGS EDC**  
**"No-Charge" Data \***  
**Fiscal Years 2003 and 2004**

Product Type	FY03		FY04	
	Files / Requests	Megabytes	Files / Requests	Megabytes
Digital Elevation Model (DEM)	517,731	481,763	3,261	10,657
Digital Line Graph (DLG)	7,764,835	1,154,874	3,242	2,101
Digital Orthophotoquad (DOQ)	18,884	1,243,229	9,432	714,670
Digital Raster Graphics (DRG)	5,762	66,638	4,015	43,750
2M DLG	21,388	4,847	21,992	4,942
100K DLG	3,567,557	434,139	4,226,772	537,942
250K DEM	513,029	457,576	402,516	355,846
LARGE DLG	3,655,482	532,854	3,906,902	559,105
SDTS 100K DLG	515,863	177,782	639,028	223,430
Land Use Land Cover	88,622	42,251	62,687	29,657
Scientific Assessment and Strategy Team	158,227	5,759	86,280	3,265
Distributed Active Archive Center Data Distribution				
10-Day Global Composite	17,277	232,262	7,042	69,765
10-Day N.A. Composite	1,227	29,000	288	11,232
AVHRR 1B Orbital Stitches	9,102	911,545	2,225	71,192
SIR-C Browse	628	18	387	579
SIR-C Data	6,779	11,465	27,713	3,856
Global 30-Arc-Second Elevation Data Set (GTOPO30)	145,362	1,584,320	147,357	1,637,539
Hydro 1K (LANDAAC Hydro Data)	13,730	404,822	14,195	445,464
Pathfinder (NALC)	648	1,410	736	1,767
ASTER	** N/A	** N/A	142,196	16,101,955
MODIS	** N/A	** N/A	2,080,287	171,654,350
Corona Imagery				
GIF	10,669	4,554	6,046	2,545
IMG	4,170	8,570	2,335	5,441
Global Land Cover Characterization				
Eurasia LambertA	2,506	31,471	2,514	34,018
Eurasia LambertE	2,352	34,889	2,362	36,346
Africa Goode	1,503	12,159	1,601	12,576
Africa Lambert	1,814	15,112	1,842	14,449
Eurasia Goode	2,050	27,998	2,468	32,717
South America Lambert	1,423	8,174	1,382	7,433
South America Goode	1,280	6,862	1,231	6,710
North America Lambert	2,352	15,328	2,278	14,078
North America Goode	1,925	11,547	1,801	10,389
GLOBE	2,987	53,956	3,454	62,558
Australia Lambert	1,109	4,814	1,111	4,226
Australia Goode	879	3,254	1,025	3,921
<b>SubTotal Downloads</b>	<b>17,059,152</b>	<b>8,015,242</b>	<b>11,820,003</b>	<b>192,730,471</b>

\* **Note:** These data files were provided free of charge to customers using the Internet.

\*\* **N/A** = Information Not Available at time of reporting.

**USGS EDC**  
**"No-Charge" Data \* (con't)**  
**Fiscal Years 2003 and 2004**

Product Type	FY03		FY04	
	Files / Requests	Megabytes	Files / Requests	Megabytes
<b>National Spatial Data Infrastructure</b>	312	-	1	-
<b>GCIP REFERENCE DATA SET</b>				
TOTAL	3,535	4,015	5,199	6,706
GIF	356	8	468	15
DOC	292	7	398	10
<b>National Land Cover Data</b>	13,729	321,539	10,566	255,039
<b>Seamless Data Distribution System</b>	7,914	79,977	328,358	19,922,500
<b>MAP SERVICES: FY04 MAPS RENDERED</b>	** N/A	** N/A	84,505,561	1,447,500
<b>IMAGE GALLERY</b>	** N/A	** N/A	30,198	3,182,223
<b>SHUTTLE RADAR TOPOGRAPHY MISSION (SRTM)</b>	** N/A	** N/A	32,128,037	31,298,740
<b>NEDFIRE</b>	** N/A	** N/A	2,150	62,629
<b>National Hydrography Dataset</b>				
ARC	97,760	92,399	27,136	27,158
FCP	2,961	1,663	314	37
SDTS	389	44	4,225	2,365
<b>WWW Server Files</b>				
EDC	1,643,433	-	2,193,127	-
Non-EDC	27,168,485	-	40,208,318	-
<b>FTP SERVER</b>				
EDC	** N/A	** N/A	27,819,452	-
Non-EDC	** N/A	** N/A	283,121	-
<b>LAND ANALYSIS SYSTEM</b>				
SRC	105	2,159	87	1,138
BIN	91	3,714	39	1,311
<b>National Spatial Data Infrastructure</b>	312	-		
<b>Fire Science</b>				
1999	133	208	83	-
2000	442	1,607	168	-
2001	453	1,904	197	-
2002	909	1,748	385	56
<b>Mapfinder / Photofinder</b>				
Mapfinder	614,936	-	-	-
Photofinder	534,238	-	-	-
<b>SPOT</b>	-	-	10,655	18,860
<b>Total Downloads</b>	<b>47,149,937</b>	<b>8,526,234</b>	<b>199,378,246</b>	<b>248,956,758</b>

\* **Note:** These data files were provided free of charge to customers using the Internet.

\*\* **N/A** = Information Not Available at time of reporting.

## EDC Photographic Products Fiscal Year 2004

Black-and-White Products		
Product Category	Items	Dollars
10" Paper	15,064	\$ 207,828
10" Film	5,890	82,038
20" Paper	2,429	48,624
40" Paper	2,174	88,752
Other	6,152	85,317
<b>Subtotal</b>	<b>31,709</b>	<b>\$ 512,559</b>

Color Products		
Product Category	Items	Dollars
10" Paper	6,680	\$ 123,944
10" Film	8,082	157,736
20" Paper	519	27,318
40" Paper	877	75,443
Other	4,155	128,495
<b>Subtotal</b>	<b>20,313</b>	<b>\$ 512,935</b>
<b>Handling/Shipping Charges</b>	<b>9,981</b>	<b>64,179</b>
<b>Grand Total All Products</b>	<b>62,003</b>	<b>\$ 1,089,673</b>

## Photographic Laboratory Report by Production Type

Photographic Laboratory	Total Items
Landsat Images	340
Declassified Intelligence Satellite Photography	4,823
Other Satellite Images	21
Diapositives	11,494
Aerial Photos	43,129
Custom Products	3,022
Miscellaneous	697
* NAPP Duping	7,888
Scanning	423
Vin Syn Critical Reproduction	38,398
<b>Total</b>	<b>110,235</b>

\* National Aerial Photography Program film duplicated for archival purposes.

## Section II

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### **Customer Services Information Fiscal Year 2004**

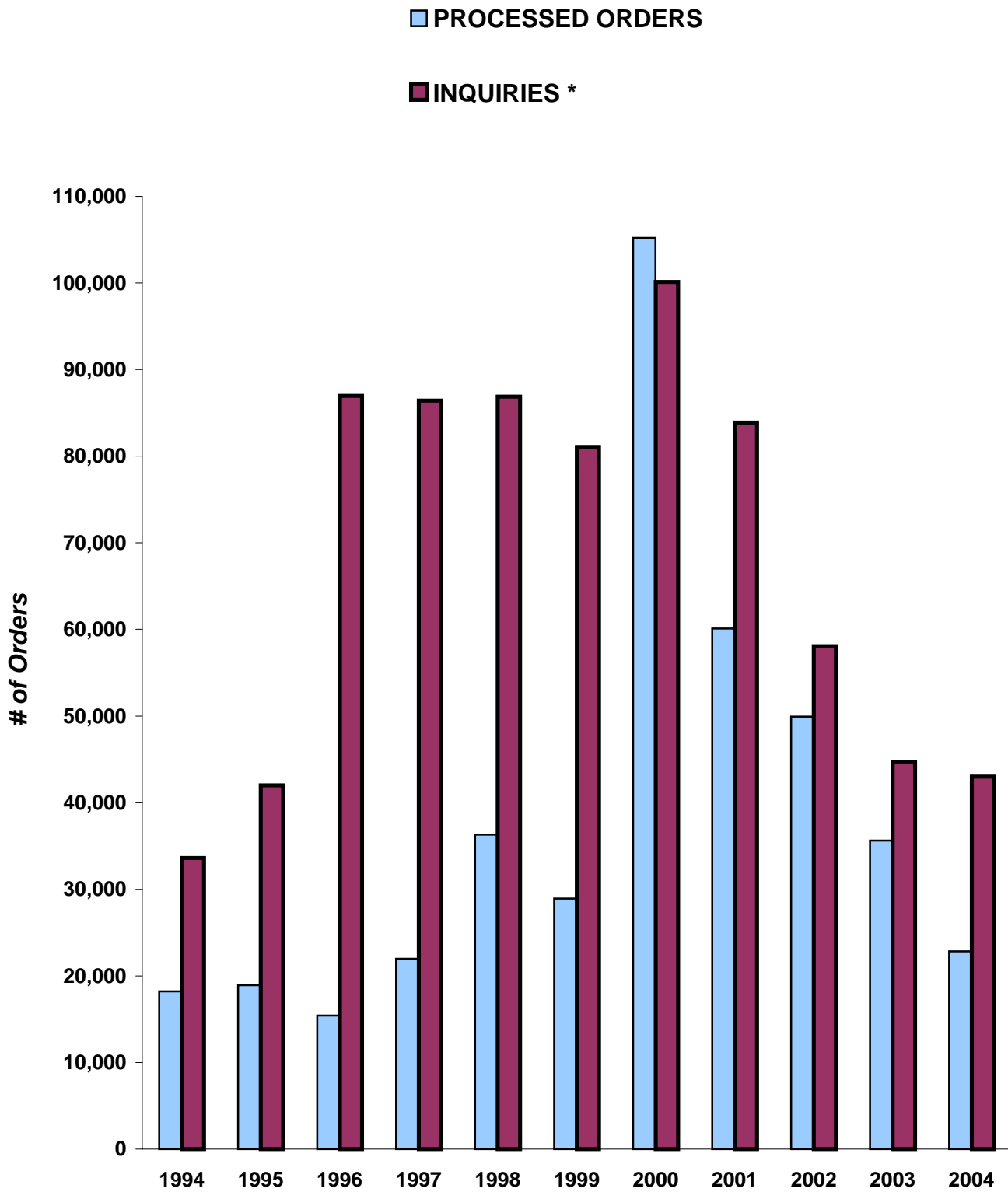
This section includes information on customer ordering and inquiry activities at the USGS EDC.

Over 43,000 user inquiries, including mail, telephone, facsimile, and/or e-mail, were received at EDC during the year. Web activity is not included in this number. Nearly 23,000 orders were filled from all sources.

# EDC Customer Orders and Inquiries

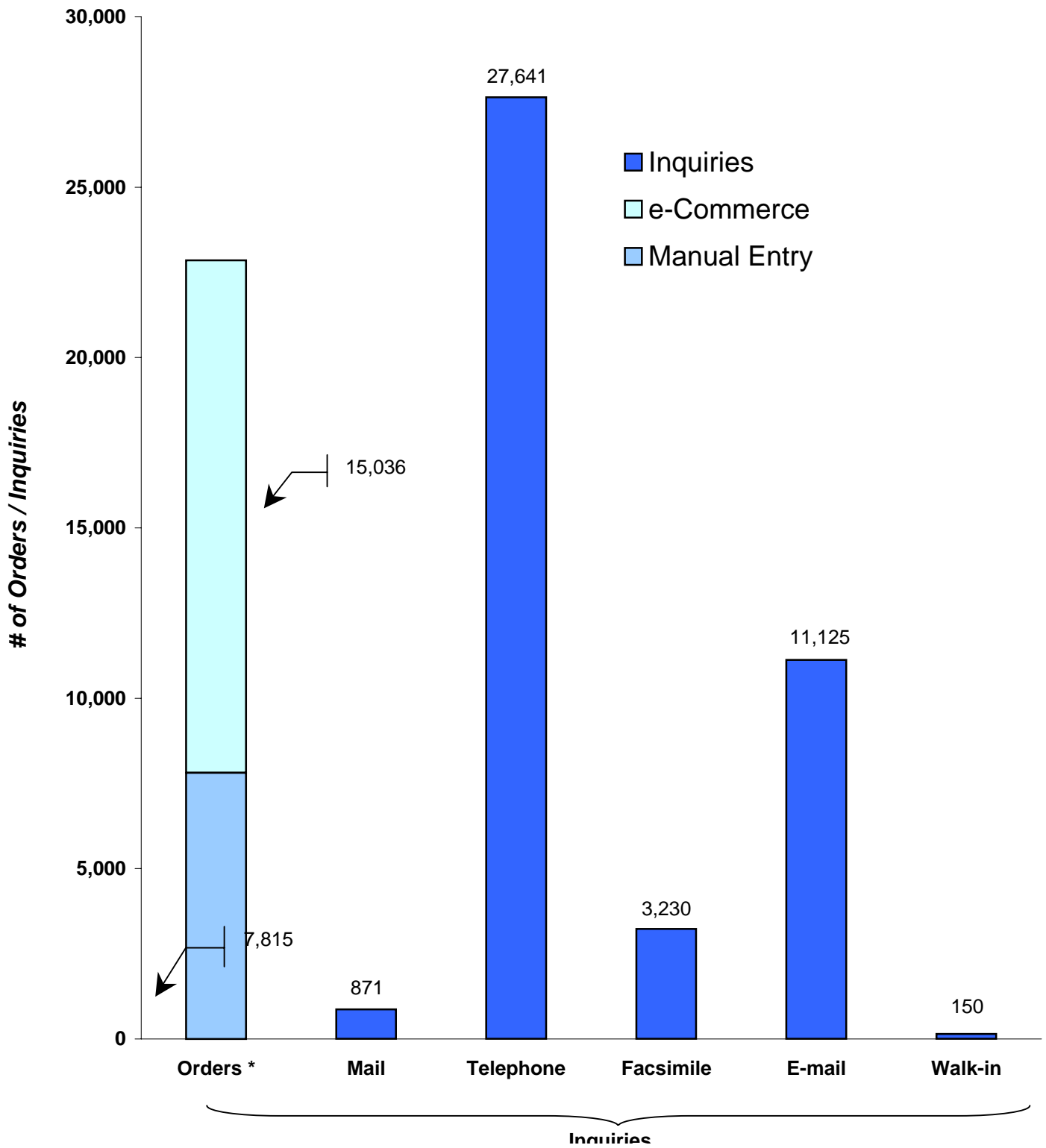
## Fiscal Years 1994 - 2004

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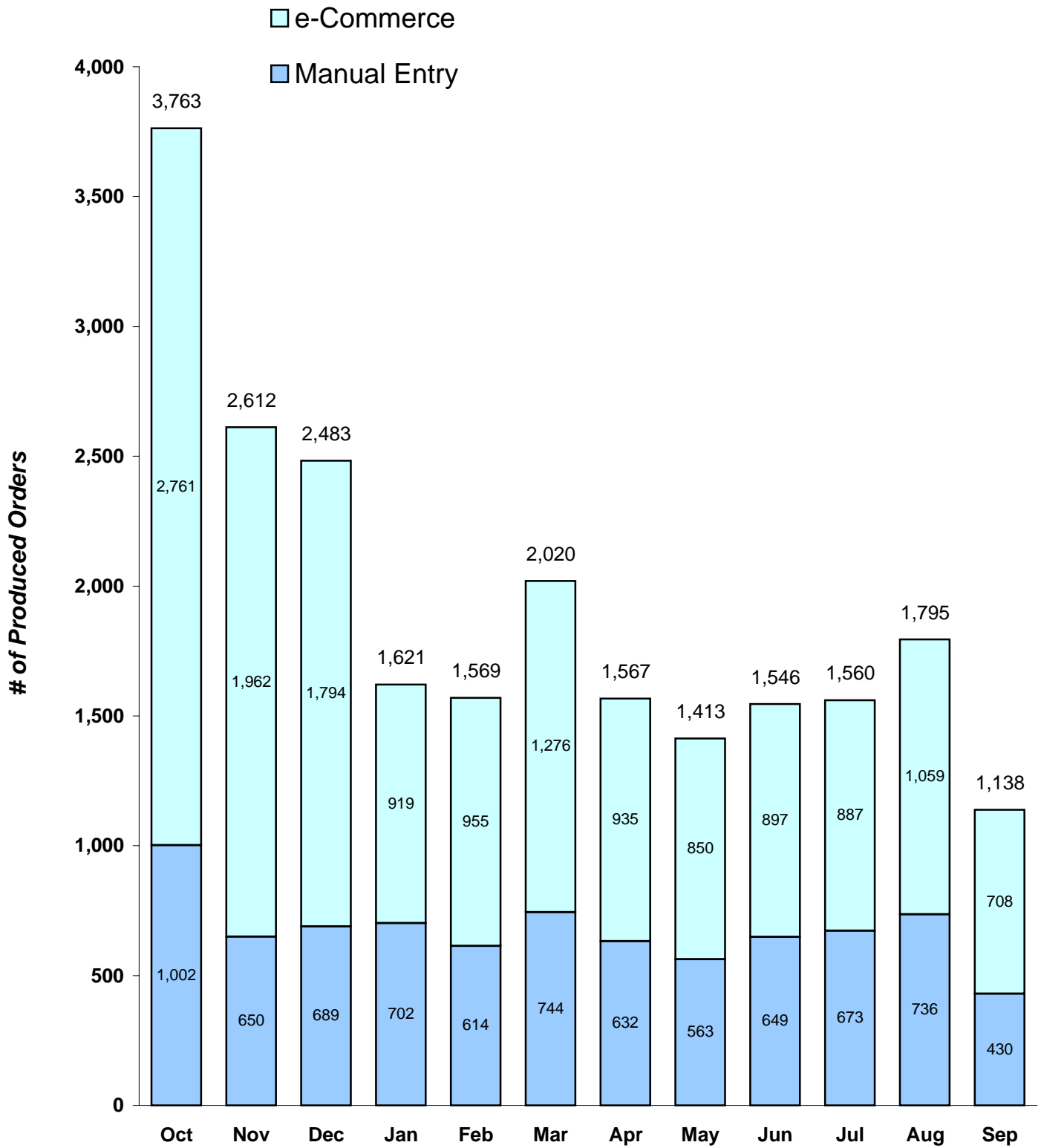
\* Inquiries include mail, telephone, facsimile, and e-mail.

# EDC Customer Service Order / Inquiry Activities FY 2004



\* Orders were received through a variety of methods, Earth Explorer, Map/Photo Finder and the above inquiries

# EDC Orders Placed by Month FY 2004

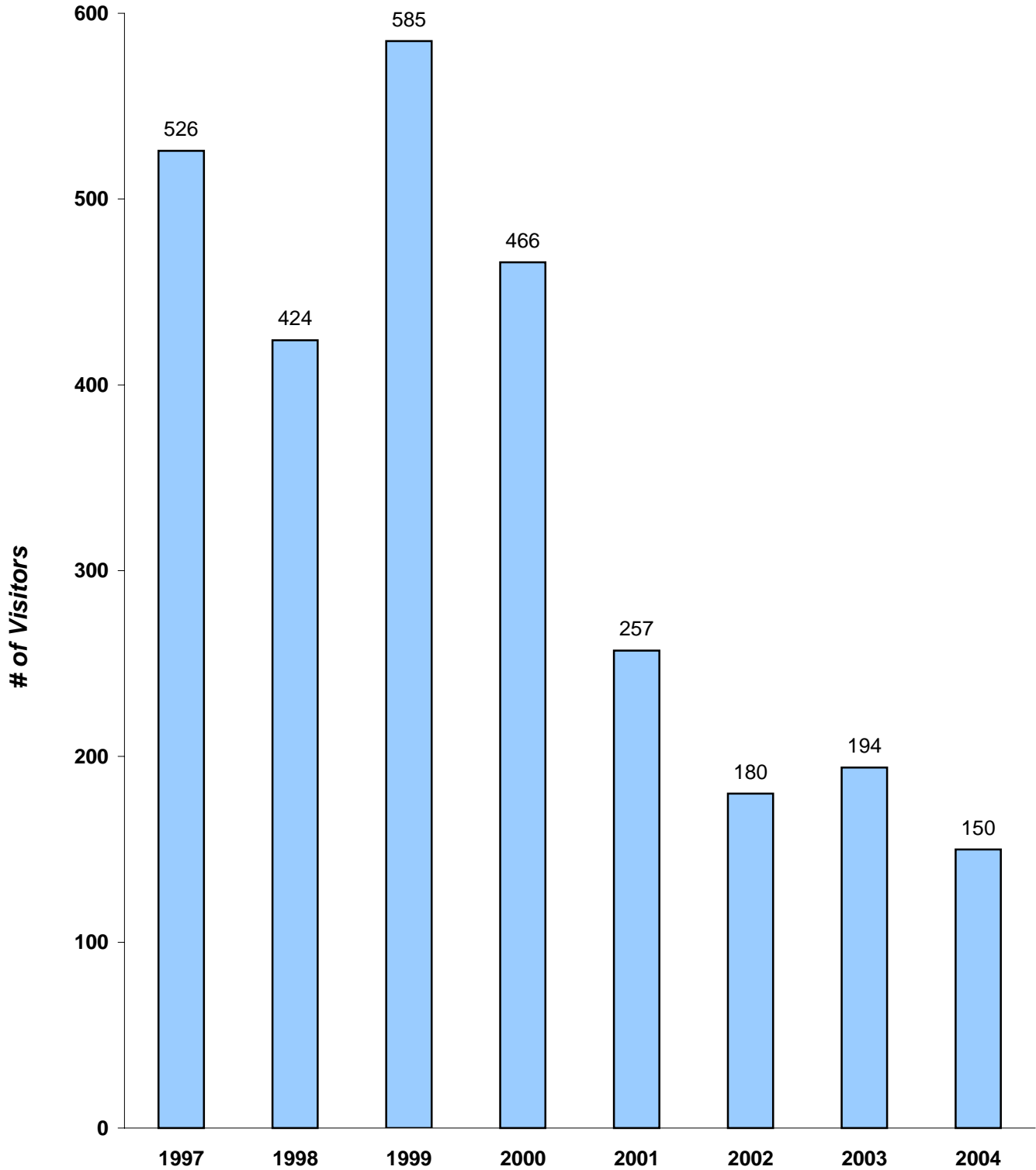


Total Orders for FY 2004 were 23,087



# EDC Scientific & Technical Browse Area Walk-in Visitors Fiscal Years 1997 - 2004

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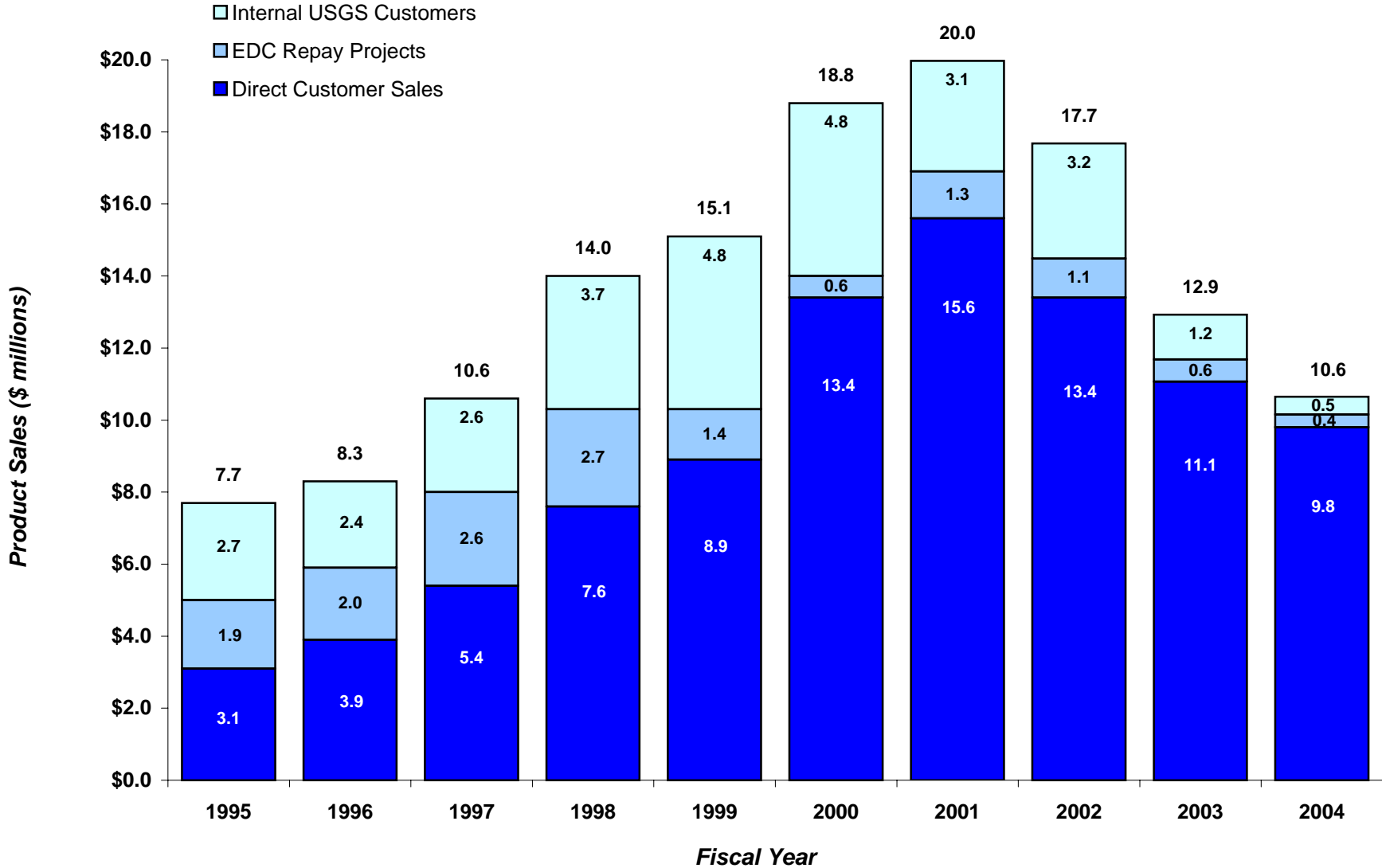
## Section III

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### Historical Information

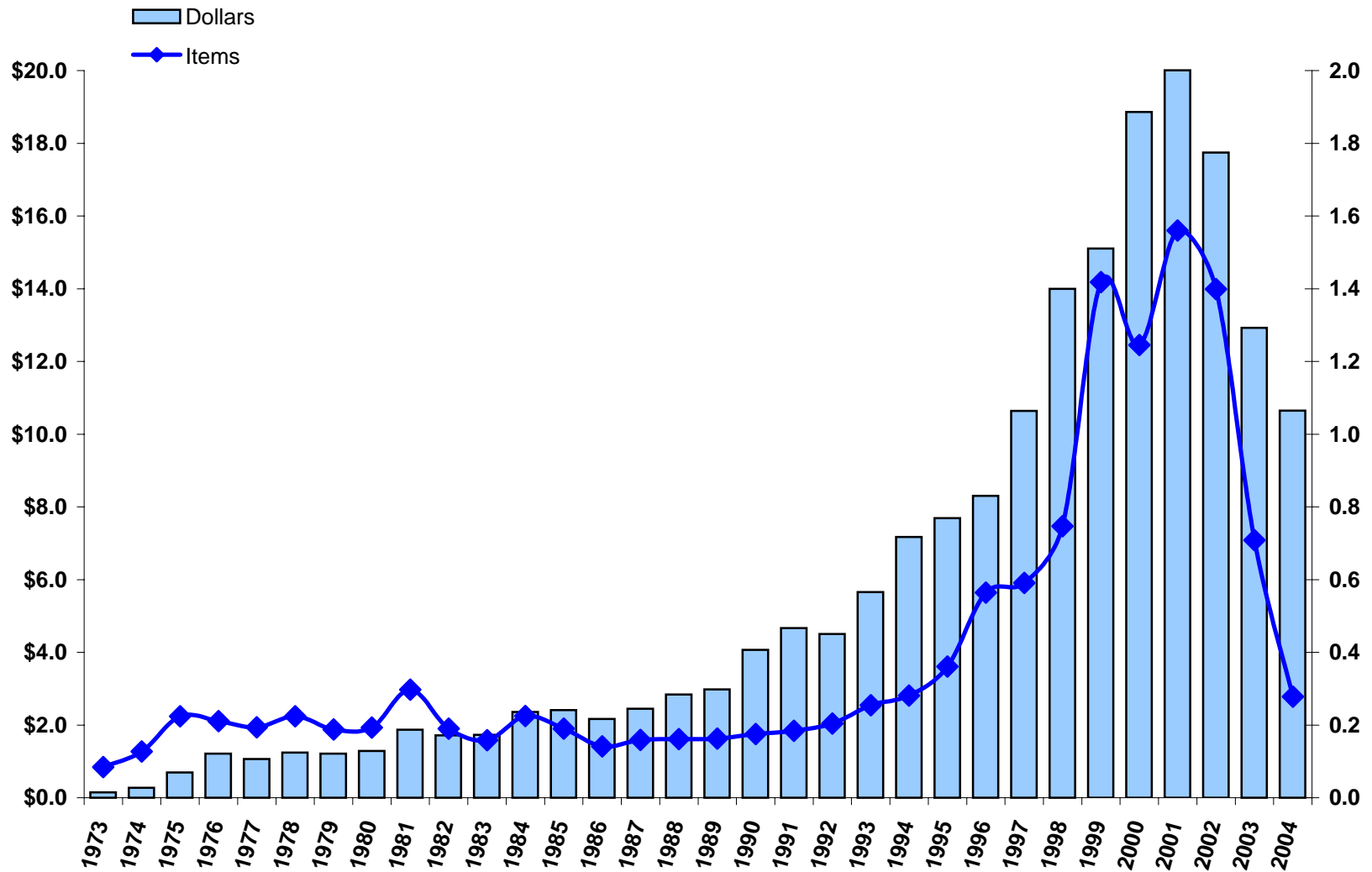
This section includes information on data produced and distributed by the USGS.

# EDC Total Product Sales Dollars Fiscal Years 1995 - 2004



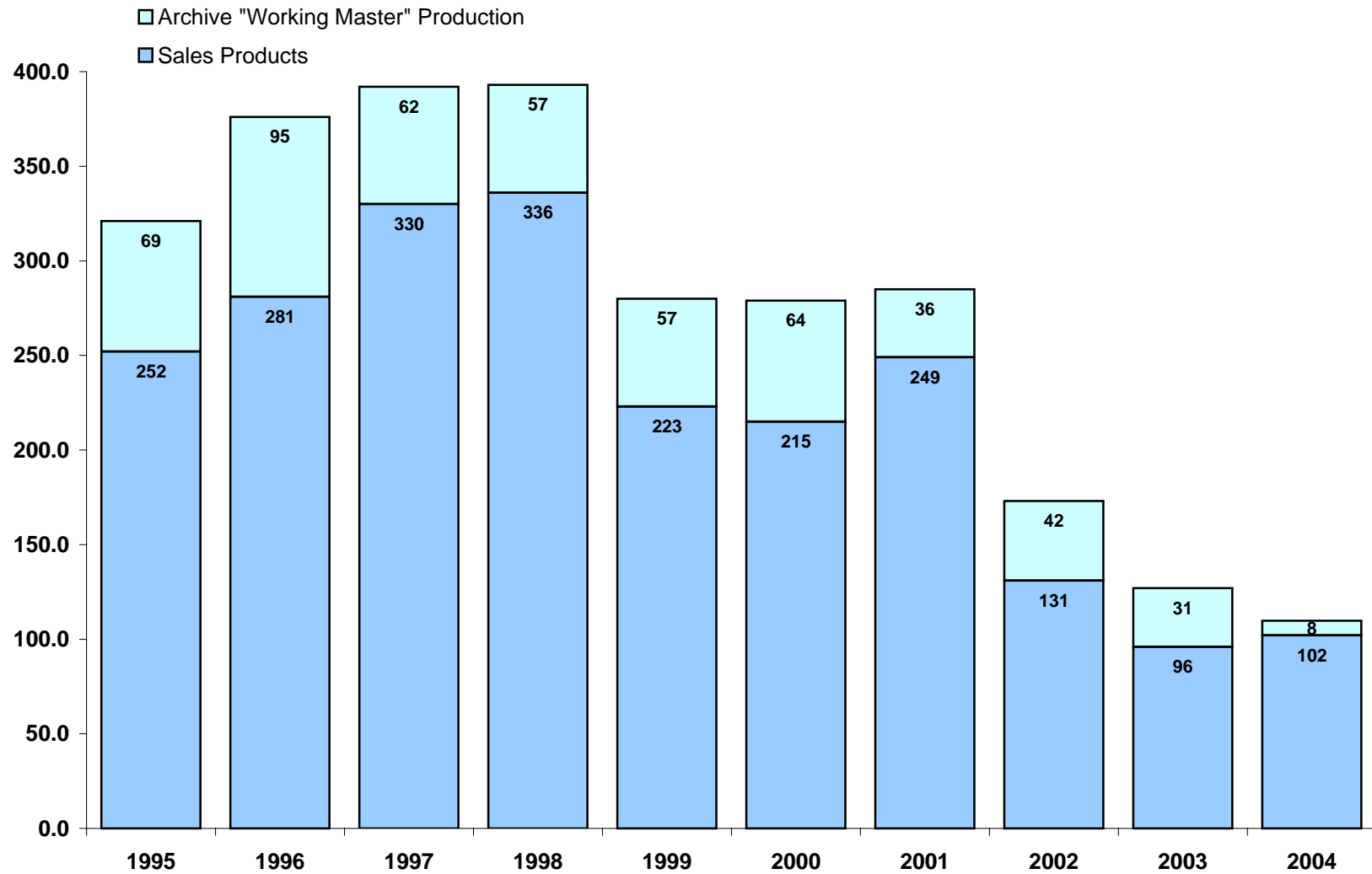
## EDC Total Product Sales \*

### Fiscal Years 1973 - 2004



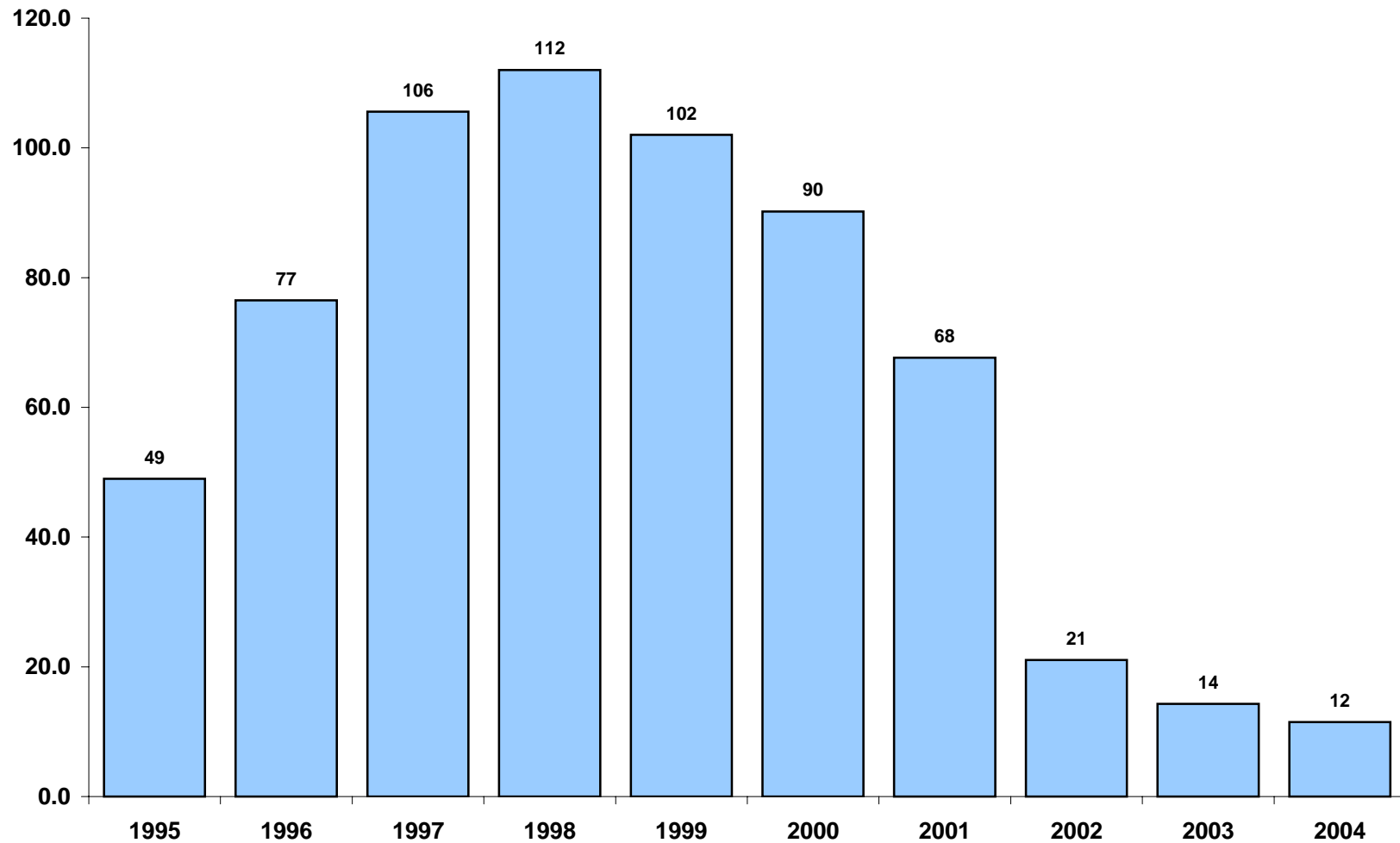
\* Includes direct customer sales, EDC repay projects and sales to USGS customers.

# EDC Photographic Laboratory Workload Fiscal Years 1995 - 2004



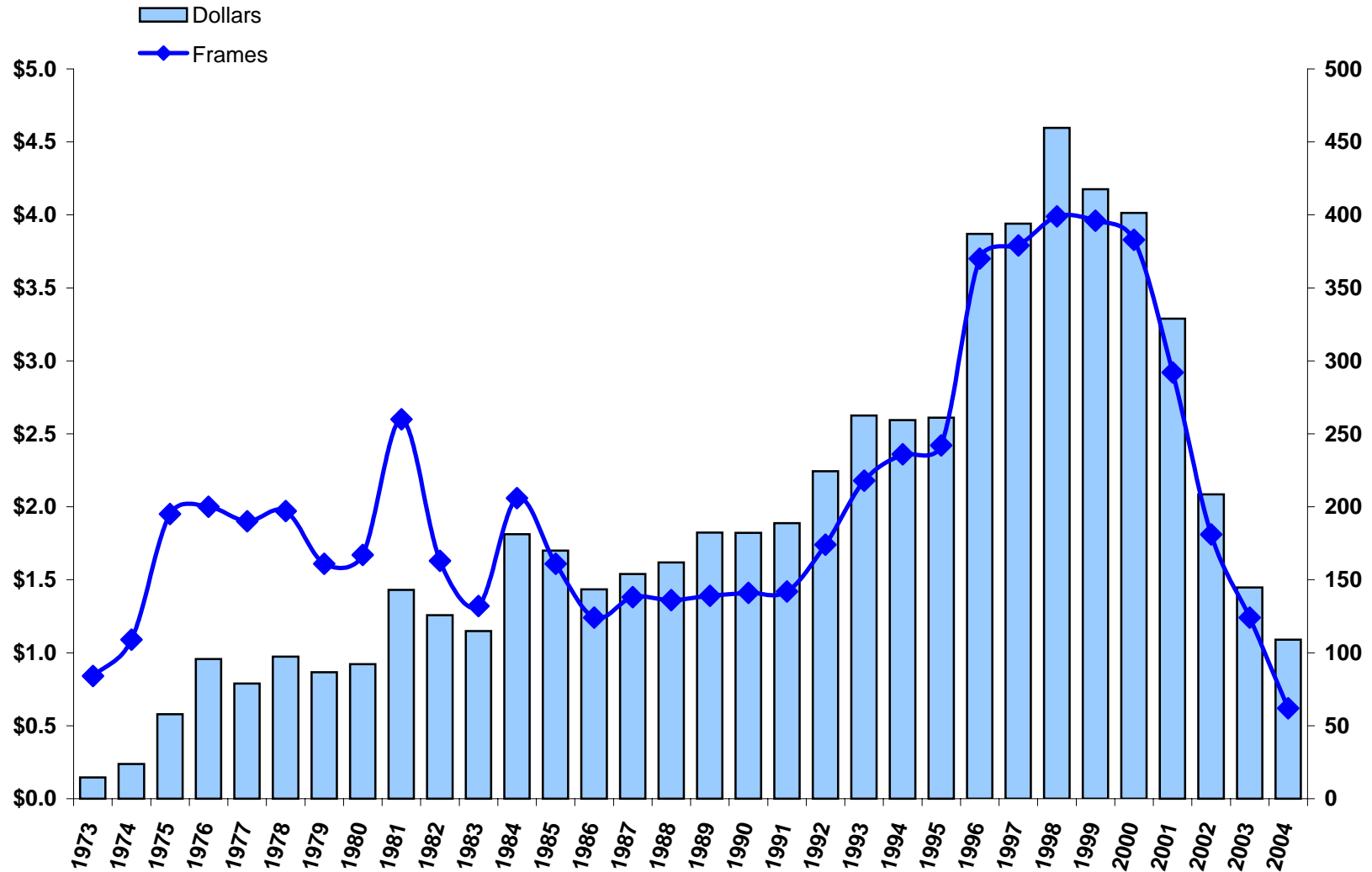
## EDC Film Diapositive Workload Fiscal Years 1995 - 2004

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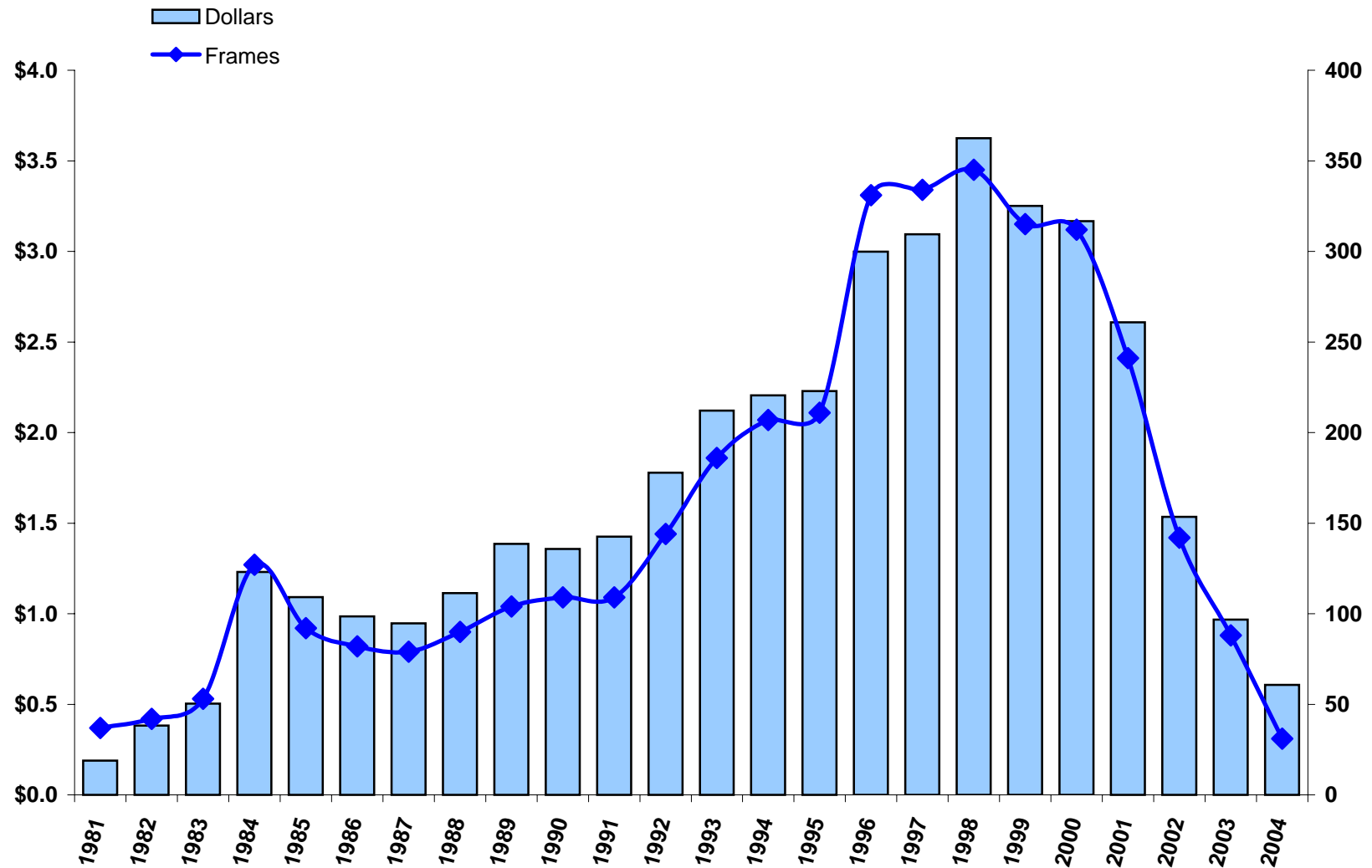


Primarily for USGS Mapping Centers, for use in map production.

# Aerial Photographic Data Sales Fiscal Years 1973 - 2004

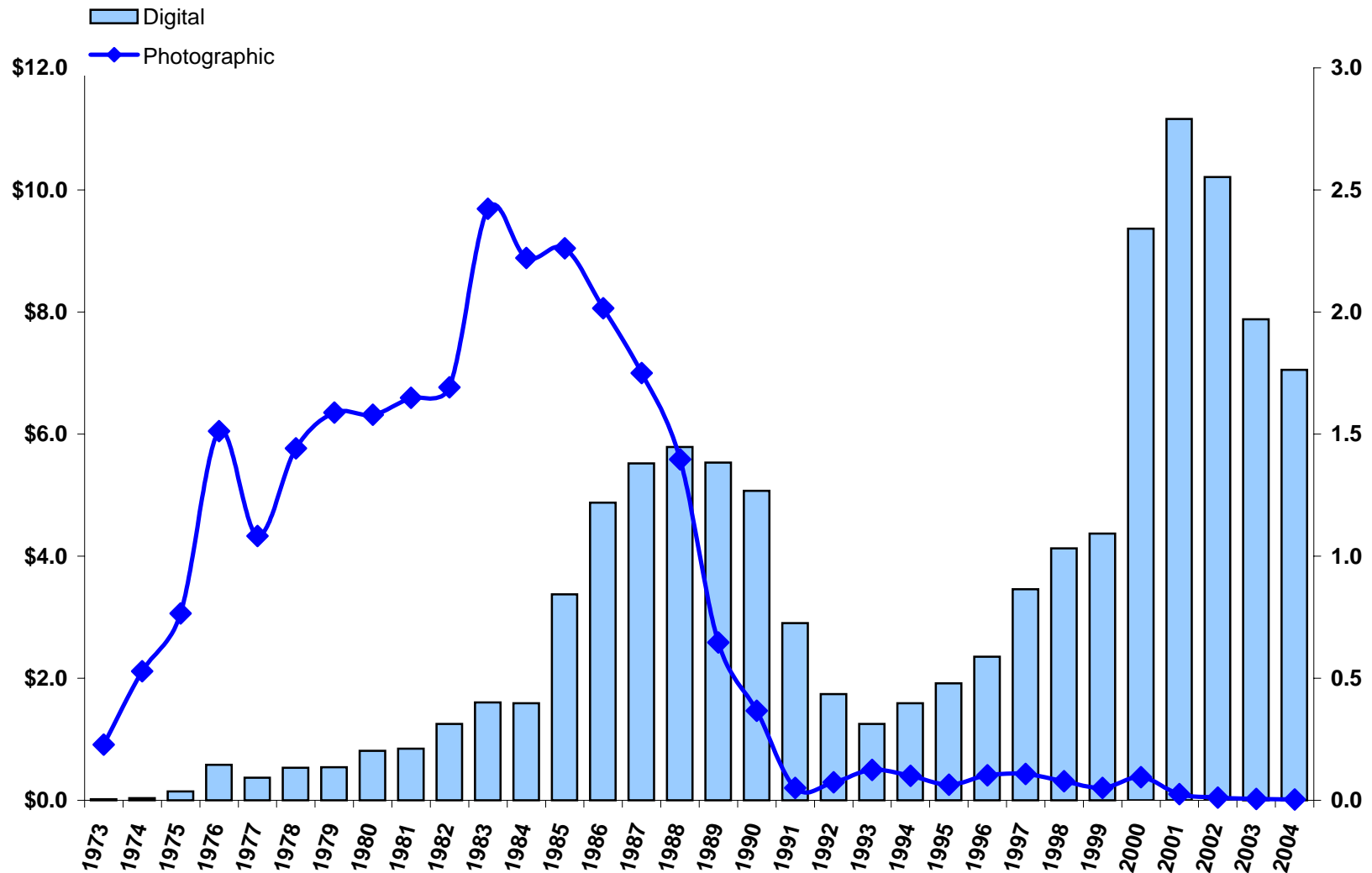


# NAPP Data Sales Fiscal Years 1981 - 2004





## Landsat 1-5 & 7 Sales (\$) \* Fiscal Years 1973 - 2004

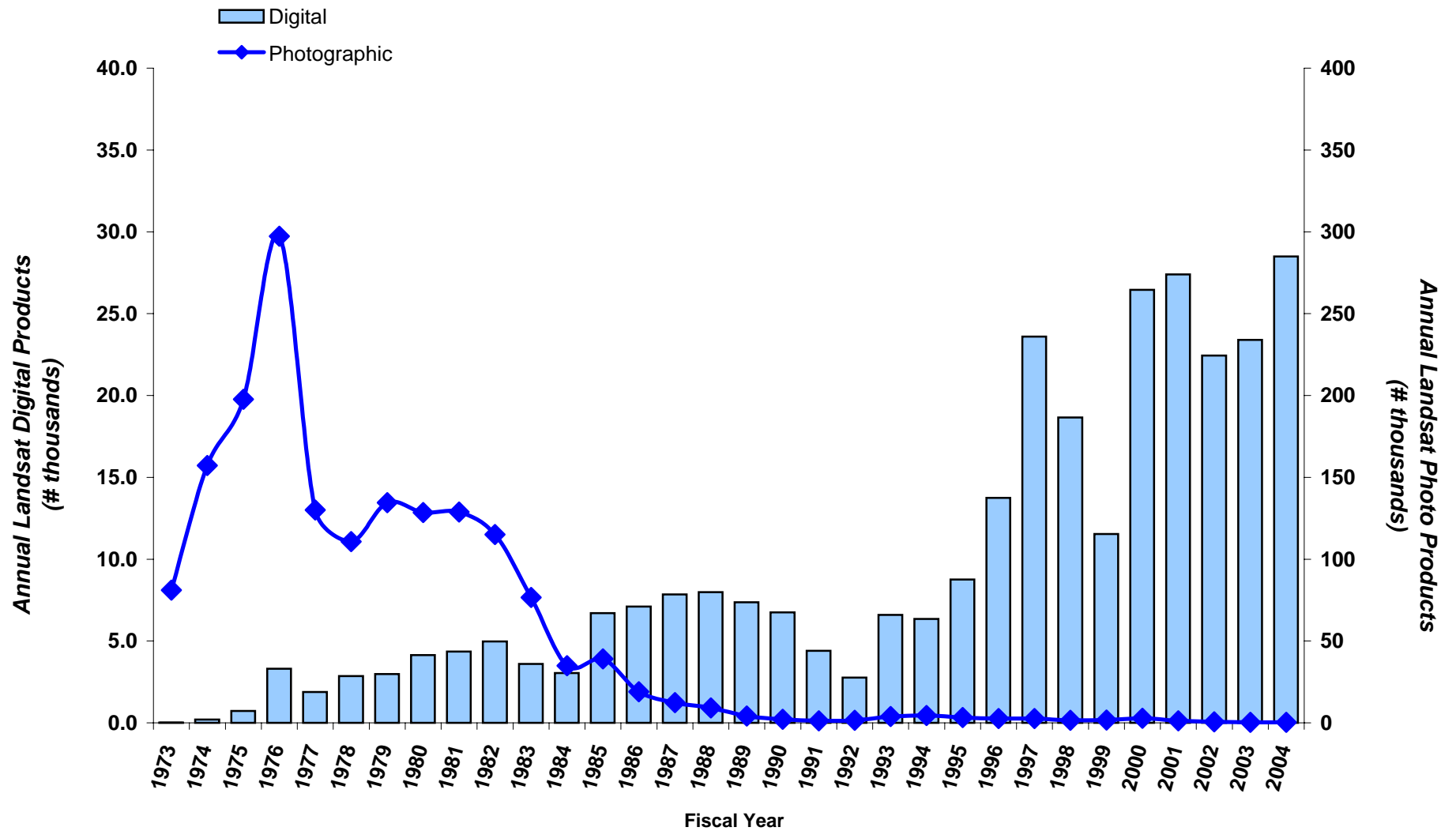


\* Includes direct customer sales, EDC repay projects and sales to USGS customers.

\*\* Landsat 7 sales began in late FY 1999.

## Landsat Sales 1-5 & 7 (# of Items) \*

### Fiscal Years 1973 - 2004



\* Includes direct customer sales, EDC repay projects and sales to USGS customers.

\*\* Landsat 7 sales began in late FY 1999.

\*\*\* Item count as reported in the FY2000 Annual Report was corrected to ensure future comparability to the way Landsat 7 items count are measured.

## Historical Customer Profile USGS EDC Photographic Products

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
<b>2003</b>	<b>Federal Government</b>				
	EDC Projects	2,394	1.9%	53,893	3.7%
	NMD & Other Divisions	44,463	35.9%	182,725	12.6%
	Other Federal	9,915	8.0%	133,332	9.2%
	<b>Federal Government SubTotal:</b>	<b>56,772</b>	<b>45.9%</b>	<b>369,950</b>	<b>25.5%</b>
	State / Local Government	3,982	3.2%	59,073	4.1%
	Academia	7,779	6.3%	105,851	7.3%
	Industry	20,167	16.3%	424,800	29.3%
	Business Partners	21,068	17.0%	246,998	17.1%
	Individuals	10,861	8.8%	191,571	13.2%
Non-U.S.	3,163	2.6%	49,853	3.4%	
<b>FY 2003 Total:</b>		<b>123,792</b>	<b>100.0%</b>	<b>\$ 1,448,096</b>	<b>100.0%</b>
<b>2002</b>	<b>Federal Government</b>				
	EDC Projects	4,140	2.3%	\$ 73,106	3.5%
	NMD & Other Divisions	78,291	43.3%	501,868	24.1%
	Other Federal	27,684	15.3%	333,758	16.0%
	<b>Federal Government SubTotal:</b>	<b>110,115</b>	<b>61.0%</b>	<b>\$ 908,732</b>	<b>43.6%</b>
	State / Local Government	7,294	4.0%	\$ 67,311	3.2%
	Academia	6,901	3.8%	82,140	3.9%
	Industry	27,153	15.0%	567,518	27.2%
	Business Partners	13,242	7.3%	193,307	9.3%
	Individuals	12,866	7.1%	221,771	10.6%
Non-U.S.	3,066	1.7%	45,439	2.2%	
<b>FY 2002 Total:</b>		<b>180,637</b>	<b>100.0%</b>	<b>\$ 2,086,217</b>	<b>100.0%</b>
<b>2001</b>	<b>Federal Government</b>				
	EDC Projects	5,726	2.0%	\$ 73,996	2.2%
	NMD & Other Divisions	159,420	54.6%	1,270,349	38.6%
	Other Federal	31,275	10.7%	331,639	10.1%
	<b>Federal Government SubTotal:</b>	<b>196,421</b>	<b>67.3%</b>	<b>\$ 1,675,984</b>	<b>50.9%</b>
	State / Local Government	9,123	3.1%	\$ 104,320	3.2%
	Academia	8,533	2.9%	95,360	2.9%
	Industry	37,133	12.7%	777,418	23.6%
	Business Partners	18,163	6.2%	254,792	7.7%
	Individuals	19,693	6.7%	340,354	10.3%
Non-U.S.	2,693	0.9%	41,902	1.3%	
<b>FY 2001 Total:</b>		<b>291,759</b>	<b>100.0%</b>	<b>\$ 3,290,129</b>	<b>100.0%</b>
<b>2000</b>	<b>Federal Government</b>				
	USGS	264,655	69.1%	\$ 1,991,892	49.6%
	Other Federal	18,971	5.0%	278,286	6.9%
	<b>Federal Government SubTotal:</b>	<b>283,626</b>	<b>74.0%</b>	<b>\$ 2,270,178</b>	<b>56.6%</b>
	State / Local Government	10,966	2.9%	\$ 124,563	3.1%
	Academia	8,712	2.3%	112,026	2.8%
	Industry	33,760	8.8%	721,128	18.0%
	Business Partners	11,877	3.1%	214,315	5.3%
	Individuals	32,227	8.4%	541,358	13.5%
	Non-U.S.	1,903	0.5%	29,898	0.7%
<b>FY 2000 Total:</b>		<b>383,071</b>	<b>100.0%</b>	<b>\$ 4,013,466</b>	<b>100.0%</b>

## Historical Customer Profile Landsat Digital Data 1-5 & 7

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
<b>2003</b>	<b>Federal Government</b>				
	EDC Projects	652	3.0%	\$ 210,405	2.7%
	NMD & Other Divisions	2,352	10.8%	445,545	5.7%
	Other Federal	3,083	14.2%	1,382,729	17.8%
	<b>Federal Government SubTotal:</b>	<b>6,087</b>	<b>28.0%</b>	<b>\$ 2,038,679</b>	<b>26.3%</b>
	State / Local Government	295	1.4%	\$ 126,493	1.6%
	Academia	2,020	9.3%	757,783	9.8%
	Industry	2,171	10.0%	817,491	10.5%
	Business Partners	8,973	41.3%	3,268,806	42.1%
	Individuals	122	0.6%	35,980	0.5%
Non-U.S.	2,055	9.5%	718,042	9.2%	
<b>FY 2003 Total:</b>		<b>21,723</b>	<b>100.0%</b>	<b>\$ 7,763,274</b>	<b>100.0%</b>
<b>2002</b>	<b>Federal Government</b>				
	EDC Projects	919	4.1%	\$ 433,385	4.2%
	NMD & Other Divisions	3,284	14.6%	1,184,745	11.6%
	Other Federal	3,333	14.9%	1,586,094	15.5%
	<b>Federal Government SubTotal:</b>	<b>7,536</b>	<b>33.6%</b>	<b>\$ 3,204,224</b>	<b>31.4%</b>
	State / Local Government	273	1.2%	\$ 150,057	1.5%
	Academia	1,939	8.6%	885,264	8.7%
	Industry	2,250	10.0%	1,157,360	11.3%
	Business Partners	6,375	28.4%	2,827,278	27.7%
	Individuals	223	1.0%	94,902	0.9%
Non-U.S.	3,837	17.1%	1,892,605	18.5%	
<b>FY 2002 Total:</b>		<b>22,433</b>	<b>100.0%</b>	<b>\$ 10,211,690</b>	<b>100.0%</b>
<b>2001</b>	<b>Federal Government</b>				
	EDC Projects	699	2.6%	\$ 287,432	2.6%
	NMD & Other Divisions	3,914	14.3%	931,047	8.3%
	Other Federal	5,909	21.6%	2,512,638	22.5%
	<b>Federal Government SubTotal:</b>	<b>10,522</b>	<b>38.5%</b>	<b>\$ 3,731,117</b>	<b>33.4%</b>
	State / Local Government	234	0.9%	\$ 130,310	1.2%
	Academia	3,404	12.5%	1,210,993	10.9%
	Industry	2,281	8.3%	991,225	8.9%
	Business Partners	6,116	22.4%	2,809,051	25.2%
	Individuals	152	0.6%	54,167	0.5%
Non-U.S.	4,629	16.9%	2,234,253	20.0%	
<b>FY 2001 Total:</b>		<b>27,338</b>	<b>100.0%</b>	<b>\$ 11,161,116</b>	<b>100.0%</b>
<b>2000</b>	<b>Federal Government</b>				
	USGS	2,958	9.0%	\$ 968,609	10.4%
	Other Federal	14,008	42.7%	3,597,197	38.6%
	<b>Federal Government SubTotal:</b>	<b>16,966</b>	<b>51.7%</b>	<b>\$ 4,565,806</b>	<b>49.0%</b>
	State / Local Government	242	0.7%	\$ 111,865	1.2%
	Academia	1,959	6.0%	668,681	7.2%
	Industry	4,345	13.2%	1,339,026	14.4%
	Business Partners	1,881	5.7%	618,075	6.6%
	Individuals	1,099	3.3%	107,098	1.1%
	Non-U.S.	6,320	19.3%	1,913,591	20.5%
<b>FY 2000 Total:</b>		<b>32,812</b>	<b>100.0%</b>	<b>\$ 9,324,142</b>	<b>100.0%</b>

## Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
2003	<b>Federal Government</b>				
	EDC Projects	21	6.3%	\$ 1,277	23.8%
	NMD & Other Divisions	9	2.7%	648	12.1%
	Other Federal	-	0.0%	-	0.0%
	<b>Federal Government SubTotal:</b>	<b>30</b>	<b>9.0%</b>	<b>\$ 1,925</b>	<b>35.8%</b>
	State / Local Government	1	0.3%	\$ 12	0.2%
	Academia	9	2.7%	116	2.2%
	Industry	94	28.2%	1,212	22.6%
	Business Partners	8	2.4%	80	1.5%
	Individuals	35	10.5%	448	8.3%
Non-U.S.	156	46.8%	1,578	29.4%	
	<b>FY 2003 Total:</b>	<b>333</b>	<b>100.0%</b>	<b>\$ 5,371</b>	<b>100.0%</b>
2002	<b>Federal Government</b>				
	EDC Projects	14	2.1%	\$ 1,050	10.0%
	NMD & Other Divisions	95	14.3%	1,341	12.8%
	Other Federal	52	7.8%	2,388	22.7%
	<b>Federal Government SubTotal:</b>	<b>161</b>	<b>24.3%</b>	<b>\$ 4,779</b>	<b>45.5%</b>
	State / Local Government	1	0.2%	\$ 72	0.7%
	Academia	28	4.2%	498	4.7%
	Industry	30	4.5%	654	6.2%
	Business Partners	9	1.4%	170	1.6%
	Individuals	47	7.1%	468	4.5%
Non-U.S.	387	58.4%	3,870	36.8%	
	<b>FY 2002 Total:</b>	<b>663</b>	<b>100.0%</b>	<b>\$ 10,511</b>	<b>100.0%</b>
2001	<b>Federal Government</b>				
	EDC Projects	47	3.7%	\$ 3,975	15.5%
	NMD & Other Divisions	167	13.0%	10,786	42.0%
	Other Federal	8	0.6%	163	0.6%
	<b>Federal Government SubTotal:</b>	<b>222</b>	<b>17.3%</b>	<b>\$ 14,923</b>	<b>58.1%</b>
	State / Local Government	3	0.2%	\$ 30	0.1%
	Academia	97	7.6%	820	3.2%
	Industry	203	15.8%	2,030	7.9%
	Business Partners	109	8.5%	1,255	4.9%
	Individuals	123	9.6%	1,294	5.0%
Non-U.S.	527	41.0%	5,350	20.8%	
	<b>FY 2001 Total:</b>	<b>1,284</b>	<b>100.0%</b>	<b>\$ 25,702</b>	<b>100.0%</b>
2000	<b>Federal Government</b>				
	USGS	1,609	67.5%	\$ 77,264	86.0%
	Other Federal	28	1.2%	1,892	2.1%
	<b>Federal Government SubTotal:</b>	<b>1,637</b>	<b>68.7%</b>	<b>\$ 79,156</b>	<b>88.1%</b>
	State / Local Government	1	0.0%	\$ 10	0.0%
	Academia	82	3.4%	868	1.0%
	Industry	430	18.0%	6,566	7.3%
	Business Partners	1	0.0%	18	0.0%
	Individuals	161	6.8%	2,228	2.5%
Non-U.S.	72	3.0%	956	1.1%	
	<b>FY 2000 Total:</b>	<b>2,384</b>	<b>100.0%</b>	<b>\$ 89,802</b>	<b>100.0%</b>

\* FY2001 : Integrated Landsat Satellites 1 - 5, 7, AVHRR, Large Format Camera and Shuttle.

\*\* FY2000 : Integrated Landsat Satellites 1 - 5 and 7.

## Section IV

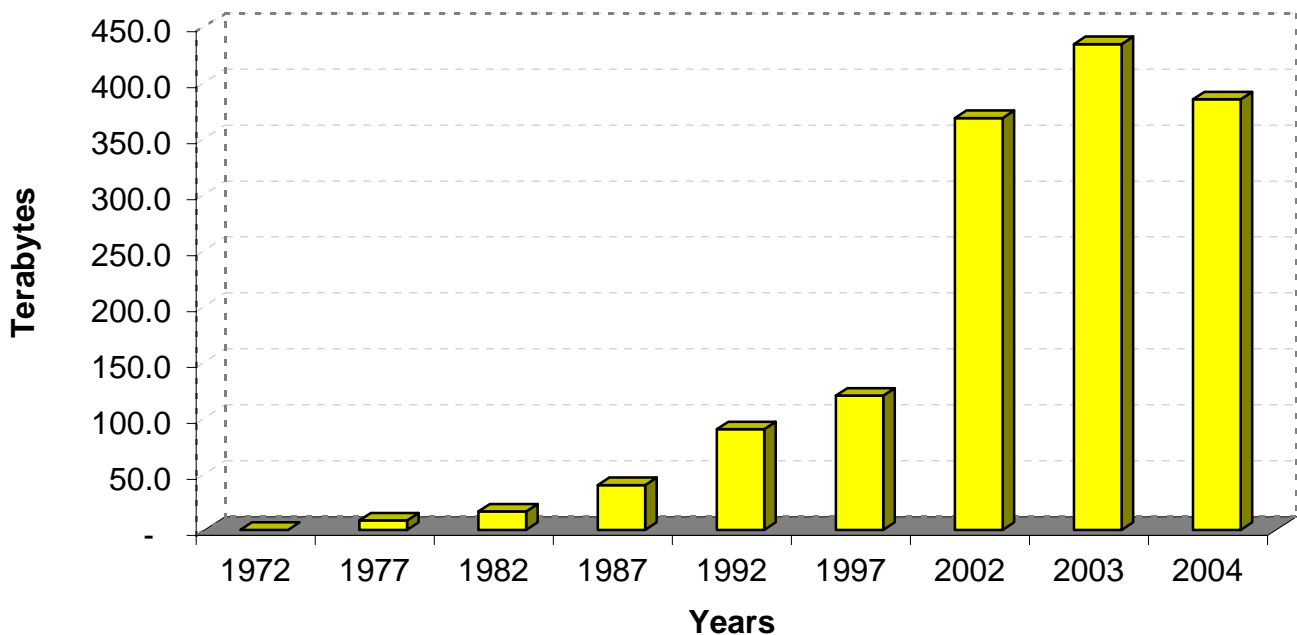
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### USGS EDC Archives and Catalog

This section describes those data archives, both digital and photographic, that are maintained by the USGS EDC to preserve and catalog remotely sensed, cartographic, and other earth science data. In addition, several catalogs refer to data held elsewhere that are of interest to USGS EDC customers.

As of the end of fiscal year 2004, the USGS EDC had archived more than 13 million frames of photographic data. This includes over 3 million frames of Landsat photographic data.

#### Archive Growth



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**32 years of Landsats 1-5:**  
176.3 terabytes

**5 years of Landsat 7:**  
208.3 terabytes

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# Data Archive Report As Of September 2004

## Summary of Data Archived

Photographic Data	Rolls	Frames
Aerial Images	61,082	8,627,417
Landsat Satellite Images	21,260	2,993,917
Other Satellite Images	26,828	1,402,557
<b>Sub-Total: Satellite Imagery</b>	<b>48,088</b>	<b>4,396,474</b>
<b>Total Photographic Data</b>	<b>109,170</b>	<b>13,023,891</b>

Digital Data	Magnetic Tapes / Quads	Scenes / Files / Products
Aerial Image Data	6,440	20,413
Landsat MSS/TM Image Data	70,012	1,285,624
Landsat ETM Image Data	N/A	448,088
* Other Satellite Image Data	27,416	17,901,457
Digital Cartographic Data	100,008	643,356
<b>Total Digital Data</b>	<b>203,876</b>	<b>20,298,938</b>

\* SPOT data added to archive in FY2001.

# Data Archive Report As Of September 2004

## Photographic Data Archived at USGS EDC

Aerial Photography		
Source	Rolls	Frames
<b>Department of Interior</b>		
US Geological Survey	17,550	2,608,369
NAPP/NHAP	14,926	2,645,235
Bureau of Land Management	609	118,595
Bureau of Reclamation	298	59,608
National Park Service	175	27,102
Bureau of Indian Affairs	48	9,638
South Dakota State University	4	176
EDC Miscellaneous	764	70,391
McDonnell Douglas	855	194,495
EDC Acquired	13	1,889
<b>Sub-Total: Department of Interior</b>	<b>35,242</b>	<b>5,735,498</b>
<b>Department of Defense</b>		
Army Map Service	1,755	207,861
US Air Force	3,204	304,112
US Navy	1,063	132,365
Scientific Sommittee on Antartic Research (SCAR)	5,595	310,379
Corps of Engineers	98	24,076
<b>Sub-Total: Department of Defense</b>	<b>11,715</b>	<b>978,793</b>
<b>NASA</b>		
Ames Research Center	5,370	642,062
Johnson Space Center	7,649	1,183,686
Wallops Island	839	66,103
Stennis	1	305
Kennedy Space Center	225	13,247
Marshall Space Flight Center	41	7,723
<b>Sub-Total: NASA</b>	<b>14,125</b>	<b>1,913,126</b>
<b>Total Aerial Photography</b>	<b>61,082</b>	<b>8,627,417</b>

Satellite Photographs or Film		
Source	Rolls	Frames
Landsat MSS 70 mm	7,708	1,342,187
Landsat MSS 9"	10,628	1,338,195
Landsat TM 9"	2,924	175,665
Landsat RBV	N/A	137,870
Skylab	621	50,581
Apollo / Gemini / Apollo-Soyuz	127	18,371
LFC / Shuttle	3,706	340,931
Declassified Intelligence Satellite Photography	22,374	992,674
<b>Total Satellite Photography</b>	<b>48,088</b>	<b>4,396,474</b>

<b>Combined Total Aerial &amp; Satellite</b>	<b>109,170</b>	<b>13,023,891</b>
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N/A = Information not available.



# Data Archive Report As Of September 2004

## Digital Data Archived at USGS EDC

Source	Magnetic Tapes	Scenes / Files / Granules
<b>Aerial Image Data</b>		
TIMS / NS001	1,795	7,323
National Park Service	94	N/A
Side-Looking Airborne Radar (SLAR)	3,526	2,928
Other Data	1,025	10,162
<b>Sub-Total: Aerial Image Data</b>	<b>6,440</b>	<b>20,413</b>
<b>Satellite Image Data</b>		
Landsat MSS/TM Digital Data	70,012	1,285,624
Landsat ETM Digital Data	N/A	448,043
Sample Landsat ETM+ AVHRR	N/A	45
HRPT Data (EDC Direct and DOMSAT)	N/A	74,564
LAC Data Received via FTP	N/A	85,339
Data Received From Other Sources	N/A	161,090
AVHRR 1-KM Orbital Segments	N/A	31,583
SIR-C Data	1,990	45,125
Landsat Pathfinder		
Global Land Cover Test Sites (GLCTS)	N/A	25
NALC	2,675	2,675
NLDC	10,945	7,084
Aster Data	N/A	1,909,762
Modis Data	N/A	14,597,300
Department of Defense SPOT Data	318	318
Department of Defense Multispectral Imagery Data	8,697	4,259
Other Source		
TM Scrounge	933	933
USGS Purchased SPOT	896	943,759
USGS Purchased SPOTVIEW	59	1,029
Earth Observation (EO) EO-1	903	36,602
Global Land Cover Characterization (GLCC) v.1 and v.2	N/A	10
MODIS Direct Broadcast	N/A	N/A
<b>Sub-Total: Satellite Image Data</b>	<b>97,428</b>	<b>19,635,169</b>

N/A = Information not available.

# Data Archive Report As Of September 2004

## Digital Data Archived at USGS EDC (cont.)

Source	Magnetic Tapes	Scenes / Files / Granules
<b>USGS Cartographic / Topographic Data</b>	<i>Quads</i>	<i>Products</i>
<b>DEM</b>		
7.5' Digital Elevation Model	54,304	96,253
15' Digital Elevation Model	2,886	3,669
30' Digital Elevation Model	779	1,569
250k Digital Elevation Model	N/A	1,385
<b>DLG</b>		
7.5'k & 15' Digital Line Graph	40,148	183,010
100k Digital Line Graph	1,842	21,831
1:2 M Digital Line Graph	49	323
<b>LULC</b>		
Land Use Land Cover	N/A	2,749
<b>DOQ</b>		
3.75' Digital Orthophotoquad Quarter Quad	N/A	260,180
7.5' Digital Orthophotoquad Full	N/A	2,800
Digital Orthophotoquad County CD'S	N/A	323
<b>DRG</b>		
Digital Raster Graphics	N/A	58,811
<b>MRLC</b>		
Multi-Resolution Land Characteristics	N/A	10,190
<b>Other USGS Cartographic / Topographic Data</b>		
GTOPO 30	N/A	33
HYDRO 1K Elevation	N/A	48
National Atlas	N/A	182
<b>Sub-Total: USGS Cartographic / Topographic Data</b>	<b>100,008</b>	<b>643,356</b>
<b>Total Digital Holdings</b>	<b>203,876</b>	<b>20,298,938</b>

N/A = Information not available.

# National Satellite Land Remote Sensing Data Archive (NSLRSDA) As Of September 2004

	Date Range	Frames
<b>Declassification I</b>		
CORONA (KH-1, KH-2, KH-3, KH-4, KH-4A, KH-4B)	Aug-60 - May-72	907,827
ARGON (KH-5)	May-62 - Aug-64	36,985
LANYARD (KH-6)	Jul-60 - Aug-64	908
<b>Sub-Total: Declassification I</b>		<b>945,720</b>
<b>Declassification II</b>		
KH-7	Jul-63 - Jun-67	17,814
KH-9	Mar-73 - Oct-80	29,140
<b>Sub-Total: Declassification II</b>		<b>46,954</b>
<b>Landsat MSS</b>		
Landsat MSS 70-mm	Jul-72 - Sep-78	1,342,187
Landsat MSS 9-inch	Mar-78 - Oct-92	1,338,195
<b>Sub-Total: Landsat MSS</b>		<b>2,680,382</b>
<b>Landsat TM</b>		
Landsat TM 9-inch	Aug-82 - May-88	175,665
<b>Sub-Total: Landsat TM</b>		<b>175,665</b>
<b>Landsat RBV</b>		
Landsat RBV	Jul-72 - Mar-83	137,870
<b>Sub-Total: Landsat RBV</b>		<b>137,870</b>
<b>TOTAL FRAMES</b>		<b>3,986,591</b>

	Date Range	Scenes	Total Size (terabytes)
<b>Landsat MSS</b>			
Landsat 1 - MSS	Jul-72 - Nov-82	149,570	4.081
Landsat 2 - MSS	Jan-75 - Dec-82	191,893	5.236
Landsat 3 - MSS	Mar-78 - Mar-83	91,372	2.493
Landsat 4 - MSS	Sep-81 - Oct-92	53,747	1.466
Landsat 5 - MSS	Mar-84 - Oct-92	173,008	4.720
		<b>659,590</b>	<b>17.997</b>
<b>Landsat TM</b>			
Landsat 4 - TM	Aug-82 - Nov-02	68,113	15.487
Landsat 5 - TM	Mar-84 - Oct-03	557,946	126.862
		<b>626,059</b>	<b>142.349</b>
<b>Landsat ETM+</b>			
Landsat 7 ETM+	Jul-99 - Present	448,043	189.442
		<b>448,043</b>	<b>189.442</b>
<b>SPOT</b>			
SPOT	Jun-86 - Dec-98	943,759	55.792
		<b>943,759</b>	<b>55.792</b>
<b>AVHRR</b>			
AVHRR	Feb-80 - Jun-03	352,576	32.625
		<b>352,576</b>	<b>32.625</b>
<b>Total Scenes</b>		<b>3,030,027</b>	<b>438.206</b>
<b>Grand Total Frames and Scenes</b>		<b>7,016,618</b>	<b>438.206 terabytes</b>

1 Terabyte = 1,099,511,627,776

# USGS Digital Data Totals and Size As Of September 2004

Land Remote Sensing Data: Data Sets	Source	Archive Location	Ave. Granule (MBytes)	Number of Granules	Total Size - All Granules (Terabytes)
<b>Aerial Data</b>					
<b>Airborne Digital Data</b>					
TMS/NS001 TM/TIMS	NASA	EDC	123.98	7,323	0.8658
Advanced Solid-State Array Sensor (ASAS)	NASA	EDC	476.84	162	0.0737
MODIS/ASTER Airborne Simulator (Master)	NASA	EDC	524.52	2,059	1.0300
Side Looking Airborne (SLAR)	USGS	EDC	TBD	2,928	TBD
<b>Satellite Digital Data</b>					
<b>LPDAAC Digital Data</b>					
Level 1R Sample Data	USGS	EDC	1,239.78	10	0.0118
Sample Data	USGS	EDC	476.84	35	0.0159
ASTER - TERRA	NASA	NASA/EDC	85.07	1,909,762	154.9331
MODIS - TERRA	NASA	NASA/EDC	125.71	14,597,300	1,750.0643
MODIS - AQUA	NASA	NASA/EDC	TBD	TBD	TBD
<b>AVHRR Digital Data</b>					
EDC - HRPT Data (Direct and FTP)	NOAA	NOAA / EDC	114.44	74,564	8.1379
AVHRR 1-KM Orbital Segment	USGS	EDC	162.12	31,583	4.8832
LAC Data Received via FTP	NOAA	NOAA / EDC	114.44	85,339	9.3138
Data Received from Other Sources	NOAA	NOAA / EDC	114.44	161,090	17.5813
<b>DOD Digital Data</b>					
Air Force	USAF	EDC	TBD	10	TBD
SPOT	DOD	EDC	62	308	0.0182
MSI	DOD	EDC	TBD	4,259	TBD
<b>Shuttle Imaging Radar-C (SIR-C)</b>					
SIR-C Precision Processed	USGS	EDC	286	18,810	5.1323
<b>Other Source Digital Data</b>					
TM Scrounge	USGS	EDC	TBD	933	TBD
SPOT	USGS	EDC	62	943,759	55.7923
SpotView	USGS	EDC	TBD	1,029	TBD
Global Land Cover Characterization (GLCC) v.1 and v.2	USGS	EDC	191	10	0.00180
<b>Landsat Digital Data</b>					
MSS	USGS	EDC	29	659,565	17.9961
TM	USGS	EDC	238	626,059	142.3493
ETM+	NASA / USGS	EDC	443	448,043	189.4417
<b>Landsat Pathfinder</b>					
GLCTS	NASA	EDC	4,768	25	0.1137
NALC	NASA	EDC	572	2,675	1.4597
NLDC - CEES-TM	NASA	EDC	477	99	0.0450
GCLDC	NASA	EDC	TBD	490	TBD
NLDC	NASA	EDC	TBD	2,627	TBD
HTFP-TM (unprocessed)	NASA	EDC	477	886	0.4029
HTFP-MSS (unprocessed)	NASA	EDC	95	1,318	0.1199
HTFP-TM (unprocessed)	NASA	EDC	477	844	0.3838
HTFP-MSS (unprocessed)	NASA	EDC	95	820	0.0746
<b>Subtotal Terabytes:</b>					<b>2,360.2423</b>

1 Mbyte = 2<sup>20</sup> (1,048,576) bytes

1 terabyte = 2<sup>40</sup> (1,099,511,627,776) bytes

## USGS Digital Data Totals and Size (con't)

### As Of September 2004

Cartographic and Topographic Data: Data Sets	Source	Archive Location	Ave. Granule (MBytes)	Number of Granules	Total Size - All Granules (Terabytes)
<b>Digital Data</b>					
<b>Digital Raster Graphics (DRG)</b>					
DRG - 7.5 Min	USGS	MCMC / EDC	6.25	52,336	0.3120
DRG - 7.5 Min Forest Service	USGS	MCMC / EDC	25.05	210	0.0050
DRG - 7.5 Min Orthophoto	USGS	MCMC / EDC	28.98	499	0.0138
DRG - 7.5 Min Orthophoto (w/o Imagery)	USGS	MCMC / EDC	3.74	213	0.0008
DRG - 7.5 Min x 15 Min	USGS	MCMC / EDC	13.71	253	0.0033
DRG - 15 Min	USGS	MCMC / EDC	4.86	2,808	0.0130
DRG - 30 x 60 Min	USGS	MCMC / EDC	16.28	1,769	0.0275
DRG - 1 x 2 Degree	USGS	MCMC / EDC	14.94	606	0.0086
DRG - 1 x 3 Degree	USGS	MCMC / EDC	12.17	108	0.0013
DRG - 1 x 4 Degree	USGS	MCMC / EDC	16.37	2	0.0000
DRG - 2 x 1 Degree	USGS	MCMC / EDC	15.06	3	0.0000
DRG - 4 x 20 Degree	USGS	MCMC / EDC	13.59	1	0.0000
DRG - 4 x 28 Degree	USGS	MCMC / EDC	11.32	1	0.0000
DRG - Antarctica	USGS	MDMC / EDC	38.15	2	0.0001
<b>Digital Orthophoto Quad (DOQ)</b>					
DOQ - Quarter Quad (3.75 Min) B/W	USGS	WMC / EDC	42.92	194,370	7.9550
DOQ - Quarter Quad (3.75 Min) CIR	USGS	WMC / EDC	143.05	65,645	8.9556
DOQ - Quarter Quad (3.75 Min) Natural Color	USGS	WMC / EDC	136.95	165	0.0215
DOQ - Full Quad (7.5 Min) B/W	USGS	WMC / EDC	147.82	2,300	0.3242
DOQ - Full Quad (7.5 Min) AK B/W	USGS	WMC / EDC	168.80	318	0.0512
DOQ - Full Quad (7.5 Min) AK CIR	USGS	WMC / EDC	82.97	149	0.0118
DOQ - Full Quad (7.5 Min) CIR	USGS	WMC / EDC	TBD	TBD	TBD
DOQ - Full Quad (7.5 Min) Natural Color	USGS	WMC / EDC	439.94	33	0.0138
DOQ - County Products	USGS	RMMC / EDC	619.89	323	0.1909
<b>Digital Line Graph (DLG)</b>					
DLG - 7.5 Min	USGS	RMMC / EDC	0.19	176,915	0.0322
DLG - 15 Min	USGS	RMMC / EDC	0.24	6,095	0.0014
DLG - 100k	USGS	RMMC / EDC	0.48	21,831	0.0099
DLG - 2 Million	USGS	EDC	0.15	323	0.0000
<b>Digital Elevation Model (DEM)</b>					
DEM - 7.5 Min	USGS	MCMC / EDC	0.95	96,253	0.0875
DEM - 15 Min	USGS	MCMC / EDC	1.34	3,669	0.0047
DEM - 2 ARC Second (30 Minute)	USGS	EDC	5.34	1,569	0.0080
DEM - 250k (1 Degree)	USGS	EDC	0.86	1,385	0.0011
<b>High Resolution Ortho-rectified Scanned Images</b>					
133 Urban Area	USGS	MCMC / EDC	TBD	TBD	TBD
New Jersey	USGS	MCMC / EDC	TBD	TBD	TBD
<b>Others</b>					
National Atlas	USGS	MAC / EDC	15.26	182	0.0026
GTOPO30	USGS	EDC	83.35	33	0.0026
Hydro 1K Elevation	USGS	EDC	19.01	48	0.0009
<b>Subtotal:</b>					<b>18.0606</b>

<sup>a</sup> 1 terabyte = 1,099,511,627,776 bytes

## USGS Digital Data Totals and Size (con't)

### As Of September 2004

GAM Digital Data: Data Sets	Source	Archive Location	Ave. Granule (MBytes)	Number of Granules	Total Size - All Granules (Terabytes)
<b>GAM Digital Data</b>					
<b>Land Use / Land Cover (LULC)</b>					
LULC - 100k	USGS	EDC	0.48	269	0.0001
LULC - 250k	USGS	EDC	0.48	2,480	0.0011
<b>M.R.L.C. Data</b>					
Basic or Raw Scenes	USGS Coop	EDC	TBD	1,476	TBD
Preprocessed Scenes	USGS Coop	EDC	TBD	1,415	TBD
Terrain Corrected Scenes	USGS Coop	EDC	TBD	901	TBD
GAP Contributed Scenes	USGS Coop	EDC	TBD	10	TBD
DEM Scenes	USGS Coop	EDC	TBD	900	TBD
Multitemporal Scenes	USGS Coop	EDC	TBD	1,703	TBD
Clustered Scenes	USGS Coop	EDC	TBD	3,425	TBD
1-KM MRLC Composites	USGS Coop	EDC	TBD	360	TBD
<b>Subtotal:</b>					<b>0.0013</b>