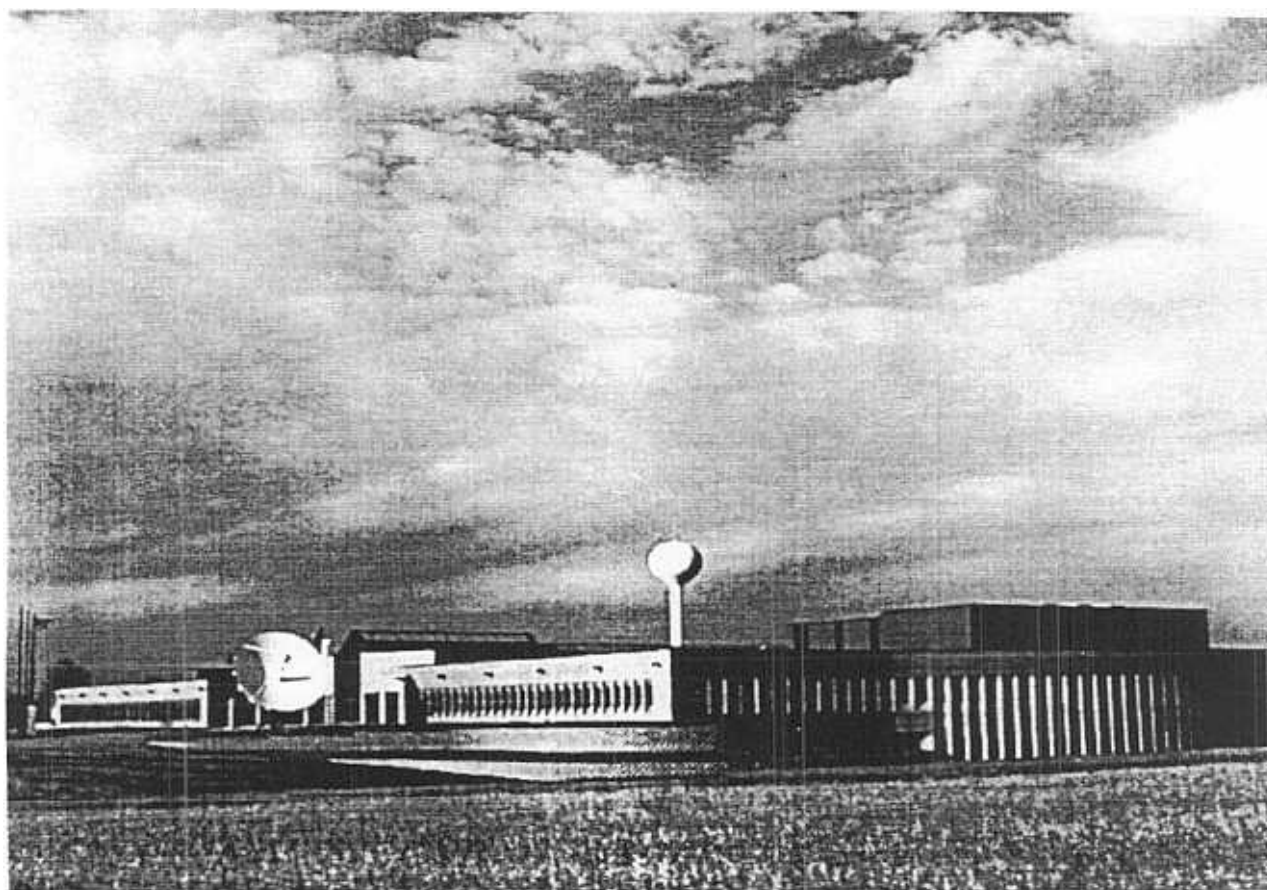


Wright

U.S. Geological Survey
EROS Data Center

**Annual Report Of
Data Services**

Fiscal Year 1997



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Annual Report Of Data Services

Fiscal Year 1997

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Section I

Products And Services

In fiscal year 1997, the EDC produced and distributed more than \$10.6 million worth of products and services. Of the total, nearly \$5.4 million was in direct sales to outside customers and more than \$2.6 million was in products and services provided through EDC cooperative repay projects, for a "reimbursable" total of \$8 million. The remaining \$2.6 million was for products and services distributed to users within the U.S. Geological Survey. In addition, more than 1.8 million files of digital cartographic data were distributed free of charge via the Internet.

The EDC purchased almost \$1.4 million worth of satellite data products from commercial satellite operators as a brokerage service for other Federal agencies.

Almost 81,000 user inquiries were received at EDC during the year, and over 23,000 orders were filled.

	<u>Items</u>	<u>Dollars</u>
Photographic Products	379,068	3,940,091
Digital Products/Processing	192,385	6,605,568
Reference Aids	166	11,906
Miscellaneous	<u>18,813</u>	<u>84,259</u>
Total	590,432	\$10,641,824

EDC Annual Sales Report

Fiscal Year 1997

(Dollars)

	DIRECT REPAY CUSTOMERS	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
PHOTOGRAPHIC DATA				
AERIAL IMAGES				
NAPP	\$ 1,541,934.85	\$ 4,961.00	\$ 1,547,936.00	\$ 3,094,831.85
Other	409,203.38	40.00	19,572.00	428,815.38
SATELLITE IMAGES				
Landsat MSS	34,734.00	600.00	1,938.00	37,272.00
Landsat TM	7,120.00	750.00	2,550.00	10,420.00
Landsat Derivative Products	45.00	60,553.00	0.00	60,598.00
AVHRR	5,228.00	1,425.00	2,212.00	8,865.00
Declassified Intelligence Satellite Photography	56,241.00	1,688.00	9,396.00	67,325.00
Other	1,296.00	120.00	0.00	1,416.00
Digital Film Recorder Products	5,880.00	16,800.00	11,421.00	34,101.00
Other Photographic Data	66,205.24	29,462.00	100,780.00	196,447.24
TOTAL PHOTOGRAPHIC DATA	\$ 2,127,887.47	\$ 116,399.00	\$ 1,695,805.00	\$ 3,940,091.47
DIGITAL DATA PRODUCTS/PROCESSING				
Digital Data Processing	\$ 500.00	\$ 2,400.00	\$ 1,300.00	\$ 4,200.00
Custom Processing Charges	134,068.75	817,072.80	289,427.85	1,240,569.40
Landsat MSS	212,160.00	12,155.00	34,555.00	258,870.00
Landsat TM	1,940,013.50	568,531.00	119,312.50	2,627,857.00
Landsat Derivative Products	7,710.00	545,415.00	16,370.00	569,495.00
AVHRR Images	241,486.99	137,527.90	339,092.00	718,106.89
Digital Cartographic Data				
7.5/15' 30' DEM	261,532.50	943.00	19,988.00	282,463.50
250k DEM	5,168.00	0.00	428.00	5,596.00
24k & 15' DLG	65,723.00	301.00	42,150.00	108,174.00
100k DLG	7,808.00	0.00	140.00	7,948.00
LULC	3,402.00	0.00	0.00	3,402.00
DOQ	35,902.00	1,717.00	14,903.00	52,522.00
DRG	128,278.50	42.00	42,982.00	171,302.50
"Large Order" Charges	70,740.00	720.00	12,510.00	83,970.00
DAAC Products				
SIR-C Educational CD's	2,020.00	266,323.95	310.00	268,653.95
DAAC Rom Data	1,663.90	0.00	0.00	1,663.90
DAAC Tape Copies	3,040.00	156,861.00	70.00	159,971.00
Other Digital Data	35,058.81	1,536.00	4,208.00	40,802.81
TOTAL DIGITAL DATA/PRODUCTS/PROCESSING	\$ 3,156,275.95	\$ 2,511,545.65	\$ 937,748.35	\$ 6,605,567.95
MISCELLANEOUS				
Reference Aids	\$ 5,005.50	\$ 0.00	\$ 6,900.00	\$ 11,905.50
Other Products and Services	80,601.30	248.50	3,409.50	84,259.30
TOTAL MISCELLANEOUS	\$ 85,606.80	\$ 248.50	\$ 10,309.50	\$ 96,164.80
GRAND TOTAL	\$ 5,369,770.22	\$ 2,628,193.15	\$ 2,643,860.85	\$10,641,824.22
Satellite Data Brokerage Fees	\$ 65,004.61	\$ 1,286.00	\$ 2,555.22	\$ 68,845.83
Satellite Data Brokerage Sales	\$ 1,301,852.63	\$ 25,720.00	\$ 51,104.00	\$ 1,378,676.63

* Does not include no-charge electronic distribution of data. (see page 5)

EDC Data Distribution/Services Fiscal Year 1997 (Items)

	DIRECT REPAY CUSTOMERS	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
PHOTOGRAPHIC DATA				
AERIAL IMAGES				
NAPP	95,343	308	238,149	333,800
Other	28,278	4	4,056	32,338
SATELLITE IMAGES				
Landsat MSS	1,939	4	17	1,960
Landsat TM	44	5	15	64
Landsat Derivative Products	1	558	0	559
AVHRR	161	22	204	387
Declassified Intelligence Satellite Photography	2,980	76	460	3,516
Other	61	5	0	66
Digital Film Recorder Products	47	117	77	241
Other Photographic Data	<u>1,481</u>	<u>1,042</u>	<u>3,614</u>	<u>6,137</u>
TOTAL PHOTOGRAPHIC DATA	130,335	2,141	246,592	379,068
DIGITAL DATA PRODUCTS/PROCESSING				
Digital Data Processing	5	2	2	9
Custom Processing Charges	31	180	181	392
Landsat MSS	1,038	59	151	1,248
Landsat TM	4,608	1,596	238	6,442
Landsat Derivative Products	191	15,533	180	15,904
AVHRR Images	2,615	3,636	1,794	8,045
Digital Cartographic Data				
7.5'/15' 30' DEM	96,703	130	3,048	99,881
250k DEM	4,154	0	428	4,582
24k & 15' DLG	10,764	43	7,451	18,258
100k DLG	3,115	0	20	3,135
LULC	486	0	0	486
DOQ	4,969	235	1,880	7,084
DRG	3,909	1	1,327	5,237
"Large Order" Charges	788	8	143	939
DAAC Products				
SIR-C Educational CD's	28	17,277	4	17,309
DAAC Rom Data	54	0	0	54
DAAC Tape Copies	51	3,139	1	3,191
Other Digital Data	<u>155</u>	<u>9</u>	<u>25</u>	<u>189</u>
TOTAL DIGITAL DATA/PRODUCTS/PROCESSING	133,664	41,848	16,873	192,385
MISCELLANEOUS				
Reference Aids	44	0	122	166
Other Products and Services	<u>18,142</u>	<u>49</u>	<u>622</u>	<u>18,813</u>
TOTAL MISCELLANEOUS	18,186	49	744	18,979
GRAND TOTAL	282,185	44,038	264,209	590,432
Satellite Data Brokerage Fees	N/A	N/A	N/A	N/A
Satellite Data Brokerage Sales	628	17	40	685

* Does not include no-charge electronic distribution of data. (see page 5)

Customer Profile

EDC Digital Data Products & Processing

Fiscal Year 1997

Digital Data Products *

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	58,356	\$2,339,091.35
OTHER FEDERAL	19,299	892,401.99
TOTAL FED. GOVERNMENT	77,655	\$3,231,493.34
STATE/LOCAL GOVERNMENT	6,435	69,457.00
ACADEMIA	6,559	333,443.50
INDUSTRY	85,440	743,769.81
INDIVIDUALS	13,506	254,420.40
NON-U.S.	2,389	728,214.50
TOTAL	191,984	\$5,360,798.55

* Does not include no-charge electronic distribution of data. (see page 5)

Digital Data Processing *

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	365	\$1,110,200.65
OTHER FEDERAL	33	127,801.71
TOTAL FED. GOVERNMENT	398	\$1,238,002.36
STATE/LOCAL GOVERNMENT	0	0
ACADEMIA	0	0
INDUSTRY	3	6,767.04
INDIVIDUALS	0	0
NON-U.S.	0	0
TOTAL	401	\$1,244,769.40

Image processing or data capture tasks, such as, image registration and mosaicking, vector data capture, data base development, and image manipulation for greenness monitoring.

Customer Profile

"No-Charge" Digital Cartographic Electronic File Delivery FY 1997

CUSTOMER CATEGORY	FILES TRANSFERRED						TOTAL FILES
	1:2M DLG	1:100K DLG	1-Degree DEM	LULC	SDTS DLG	SDTS 24k DLG	
FEDERAL GOV'T	1,272	211,810	19,076	4,515	1,451	131,795	369,919
ACADEMIA	2,115	145,982	45,400	11,199	8,354	18,059	231,109
INDUSTRY	5,105	300,039	81,380	16,932	20,685	80,401	504,542
INDIVIDUALS	61	14,476	2,547	934	408	729	19,155
NON-U.S.	1,125	20,331	32,866	1,021	1,815	889	58,047
OTHER	6,628	409,011	110,087	20,142	19,949	101,842	667,659
TOTAL	16,306	1,101,649	291,356	54,743	52,662	333,715	1,850,431

Note: These digital cartographic data were provided free of charge to customers using the Internet.

FY97 Digital Data Processing Workload

Digital Data Production	Total Items Processed
NLAPS Registrations	
Systematic	6,150
Precision Corrected	376
Geometrically Registered Images	43
Image Maps	117
AVHRR Registrations	77
AVHRR Greenness Maps	
United States	52
Mideast	5
NIS	6
Horn of Africa	4
Alaska	23
AVHRR Global Composites	18
Humid Tropical Forest Inventory	
DAAC Landsat Products	296
Multi-Resolution Landscape Characterization	
Landsat TM Registrations	399
Geographic Information System Databases	66
Custom Image Processing	326

Customer Profile
EDC Photographic Products
Fiscal Year 1997

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	248,733	\$1,812,204.00
OTHER FEDERAL	<u>42,904</u>	<u>495,373.60</u>
TOTAL FED. GOVERNMENT	291,637	\$2,307,577.60
STATE/LOCAL GOVERNMENT	5,404	85,154.50
ACADEMIA	8,820	107,889.50
INDUSTRY	54,102	1,081,642.87
INDIVIDUALS	17,137	324,207.00
NON-U.S.	<u>1,968</u>	<u>33,620.00</u>
TOTAL	379,068	\$3,940,091.47

Product Profile
EDC Photographic Products
Fiscal Year 1997

BLACK-AND-WHITE PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Paper	117,925	\$ 605,132.40
10" Film	65,501	395,063.62
10" Diapositives Paper	87,714	820,165.00
10" Diapositives Film	11,041	121,295.00
20" Paper	5,327	121,270.60
40" Paper	5,344	241,917.80
Other	<u>7,473</u>	<u>124,280.00</u>
TOTAL	300,325	\$2,429,124.42
COLOR PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Paper	18,197	\$ 284,218.10
10" Film	14,969	291,233.28
10" Diapositives Paper	1,763	14,104.00
10" Diapositives Film	15,117	181,620.00
20" Paper	2,514	126,959.95
40" Paper	4,207	320,989.00
Other	<u>21,976</u>	<u>291,842.72</u>
TOTAL	78,743	\$1,510,967.05
GRAND TOTAL PRODUCTS	379,068	\$3,940,091.47

National Aerial Photography Program (NAPP) Annual Activity Report 1997

ACTIVITY	FY 96	FY 97
NUMBER OF FRAMES RECEIVED BY EDC		
Black and White	45,487	64,009
Color Infrared	<u>35,134</u>	<u>18,182</u>
TOTAL	80,621	82,191
NUMBER OF MASTER FRAMES DUPLICATED BY EDC		
Black and White	59,919	40,158
Color Infrared	<u>35,511</u>	<u>21,885</u>
TOTAL	95,030	62,043
NUMBER OF FRAMES SOLD		
Black and White Film/Paper	250,566	262,177
Color Infrared Film/Paper	78,887	67,346
Other	<u>3</u>	<u>2</u>
TOTAL	329,456	329,525
* NAPP PARTICIPANT PURCHASES		
Bureau of Land Management	4,695	110,182
Fish and Wildlife Service	372	7,383
Forest Service	57,579	48,393
National Park Service	25	0
Soil Conservation Service	809	24,875
State of Florida	456	0
State of Georgia	1,294	84
State of Illinois	0	0
State of Maine	3,592	5,920
State of Maryland	0	0
State of Massachusetts	0	0
State of Minnesota	635	834
State of Mississippi	99	0
State of New Jersey	16,728	1,764
State of New York	3,845	1,680
State of Vermont	30	0
State of Wisconsin	0	0
Tennessee Valley Authority	1,799	1,780
U.S. Geological Survey	<u>924,128</u>	<u>1,278,807</u>
TOTAL	\$ 1,016,086	\$ 1,481,702
PURCHASES BY ALL OTHERS	\$ 1,983,213	\$ 1,613,130
REVENUE FROM FRAMES SOLD		
Black and White Film	880,774	320,035
Black and White Paper	826,849	754,289
Black and White Diapositives Film	165,075	913,475
Black and White Diapositives Paper	47,031	25,905
Color Infrared Film	538,230	399,947
Color Infrared Paper	352,520	487,479
Color Infrared Diapositives Film	149,196	181,620
Color Infrared Diapositives Paper	<u>39,624</u>	<u>14,104</u>
TOTAL	\$ 2,999,299	\$ 3,096,854

* May include State-authorized participants that are not government agencies.

FY97 Photographic Laboratory Workload

Photographic Laboratory	Total Items Processed
Landsat Images	2,015
Other Satellite Images	3,598
Declassified Intelligence Satellite Photography	3,536
Diapositives	178,099
Aerial Photos	136,398
Custom Products	6,524
Microfilm	209
Miscellaneous	1,316
* NAPP Duping	62,043
Laminating	58
Passport/Photo ID	0
Process/Mount Film	2

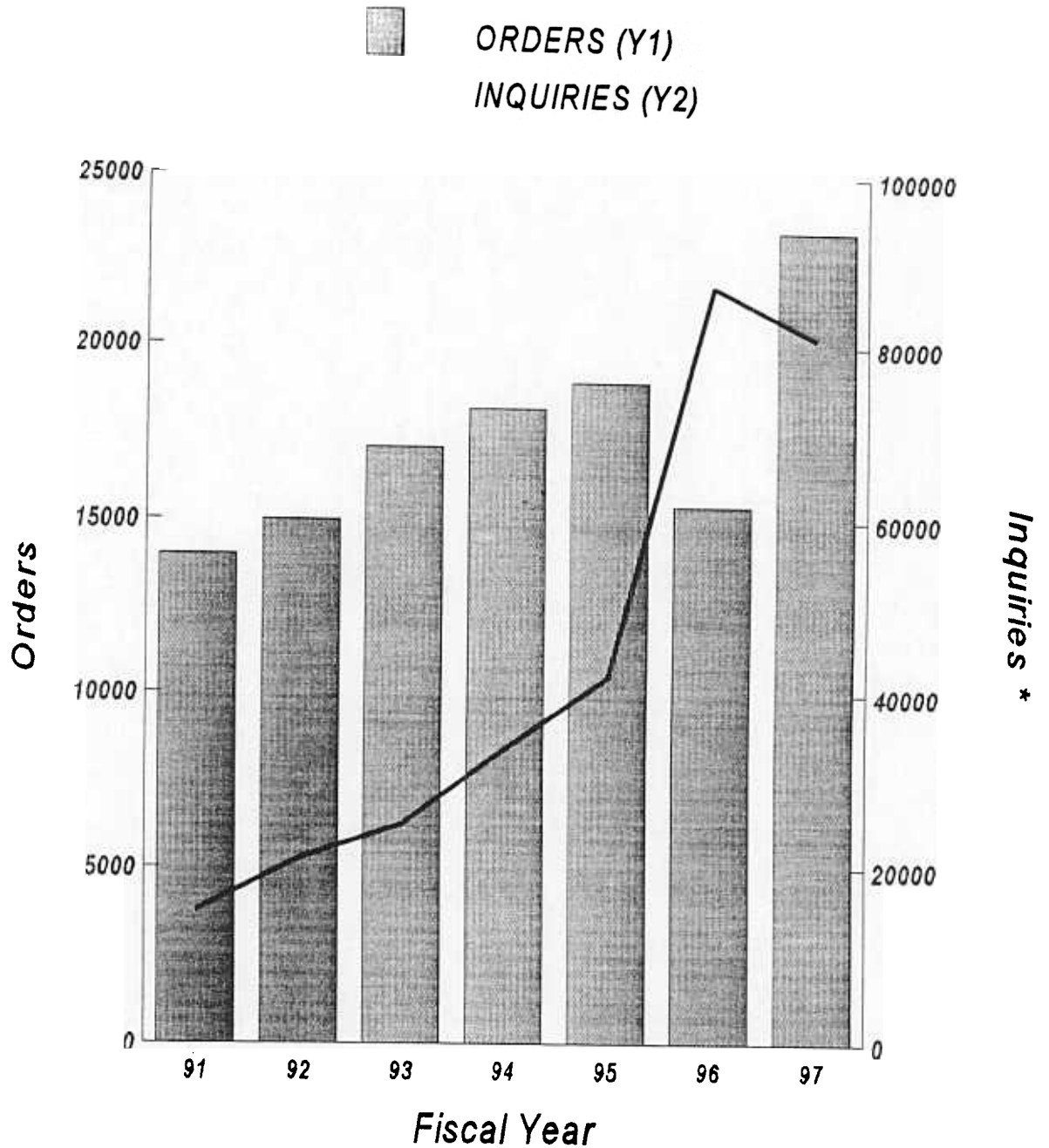
* National Aerial Photography Program film duplicated for archival purposes.

Section II

Customer Services Information

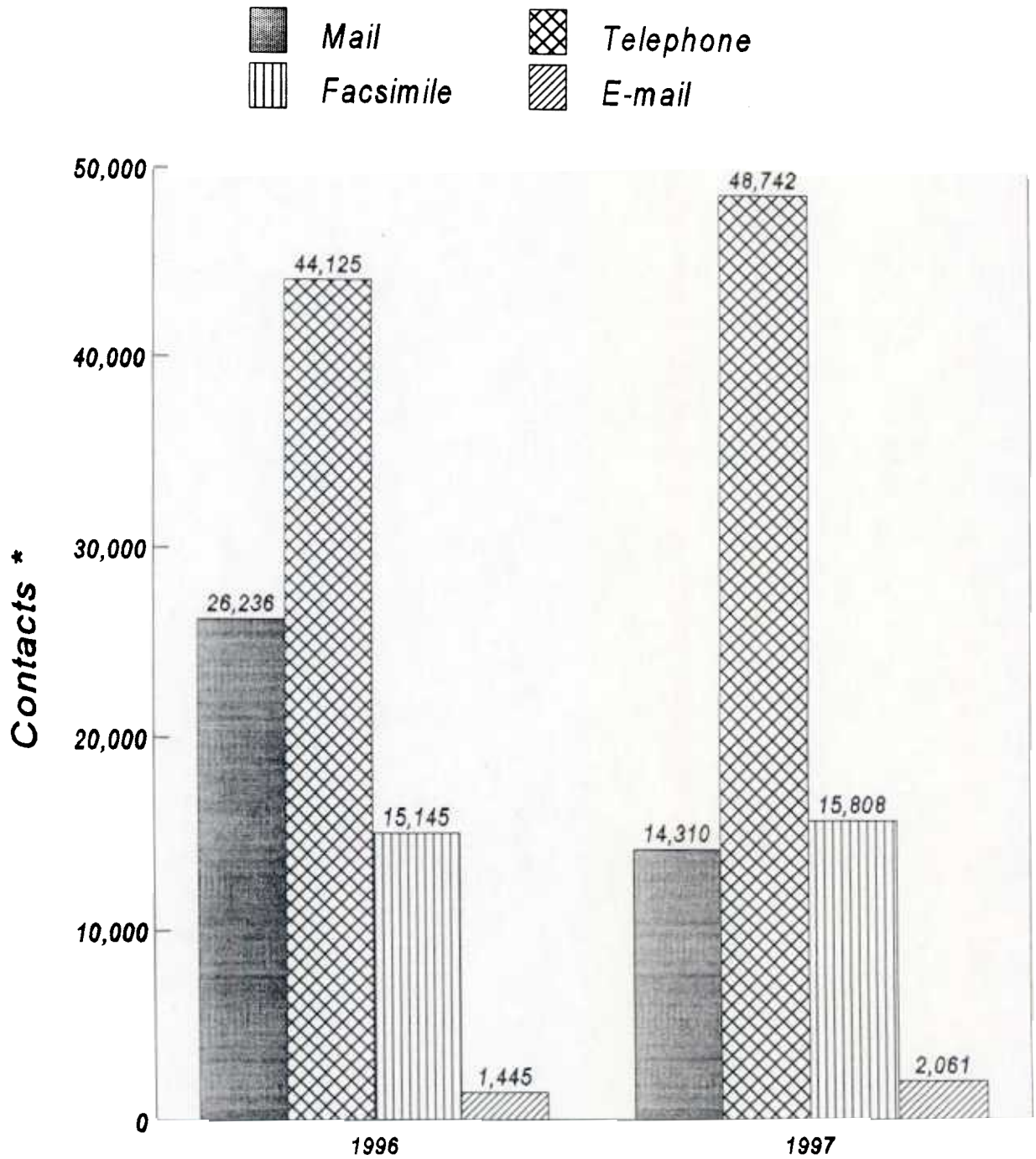
This section includes information on customer ordering and inquiry activities by the EDC.

EDC Customer Orders and Inquiries for Remotely Sensed and Digital Cartographic Products



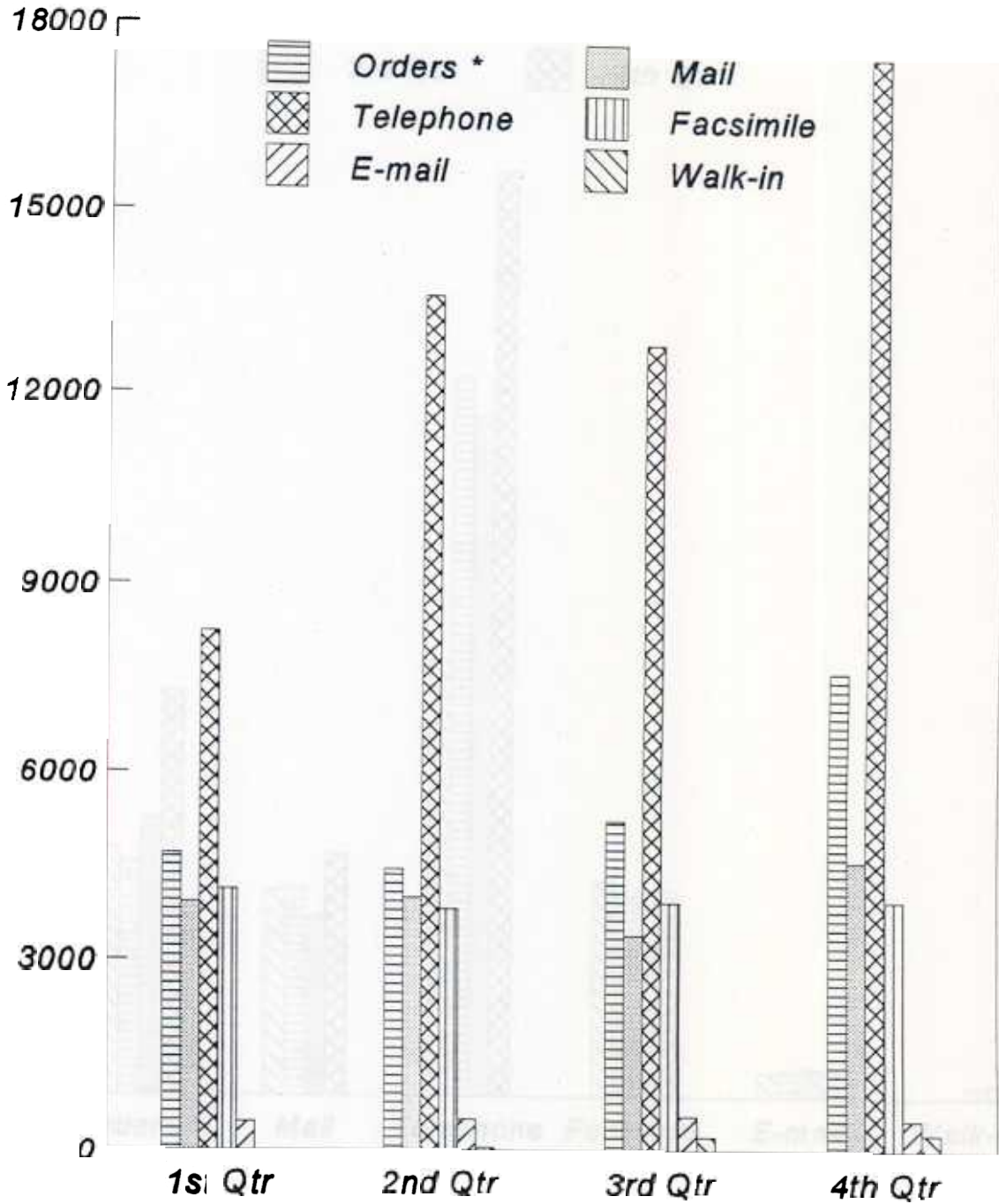
* Inquiries include mail, telephone, facsimile, and e-mail, and excludes GLIS inquiries.

EDC Customer Contacts for Remotely Sensed and Digital Cartographic Products



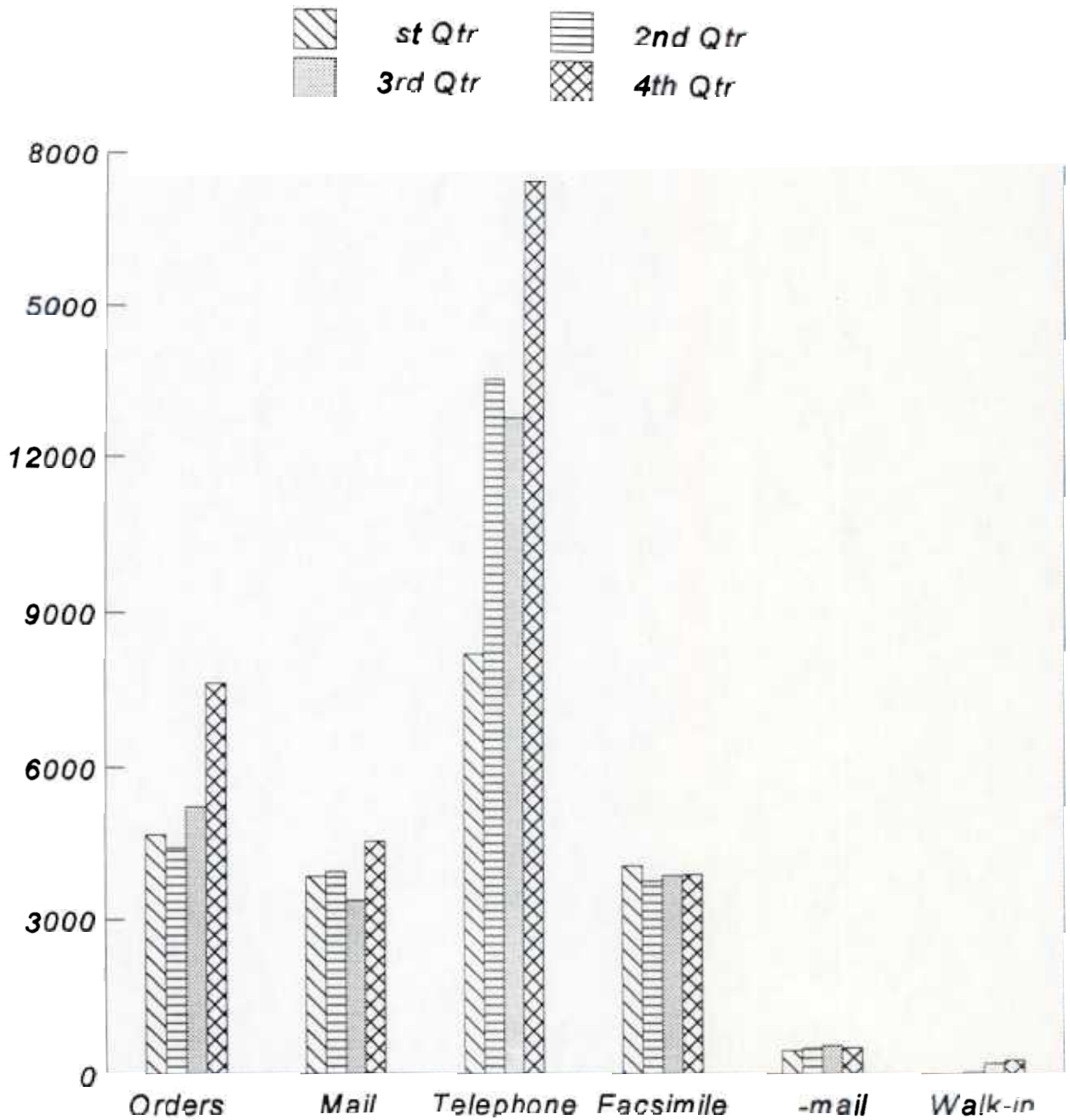
* Contacts include mail, telephone, facsimile and e-mail, and excludes GLIS inquiries.

EDC Customer Service Order Inquiry Activities Quarterly - FY 1997



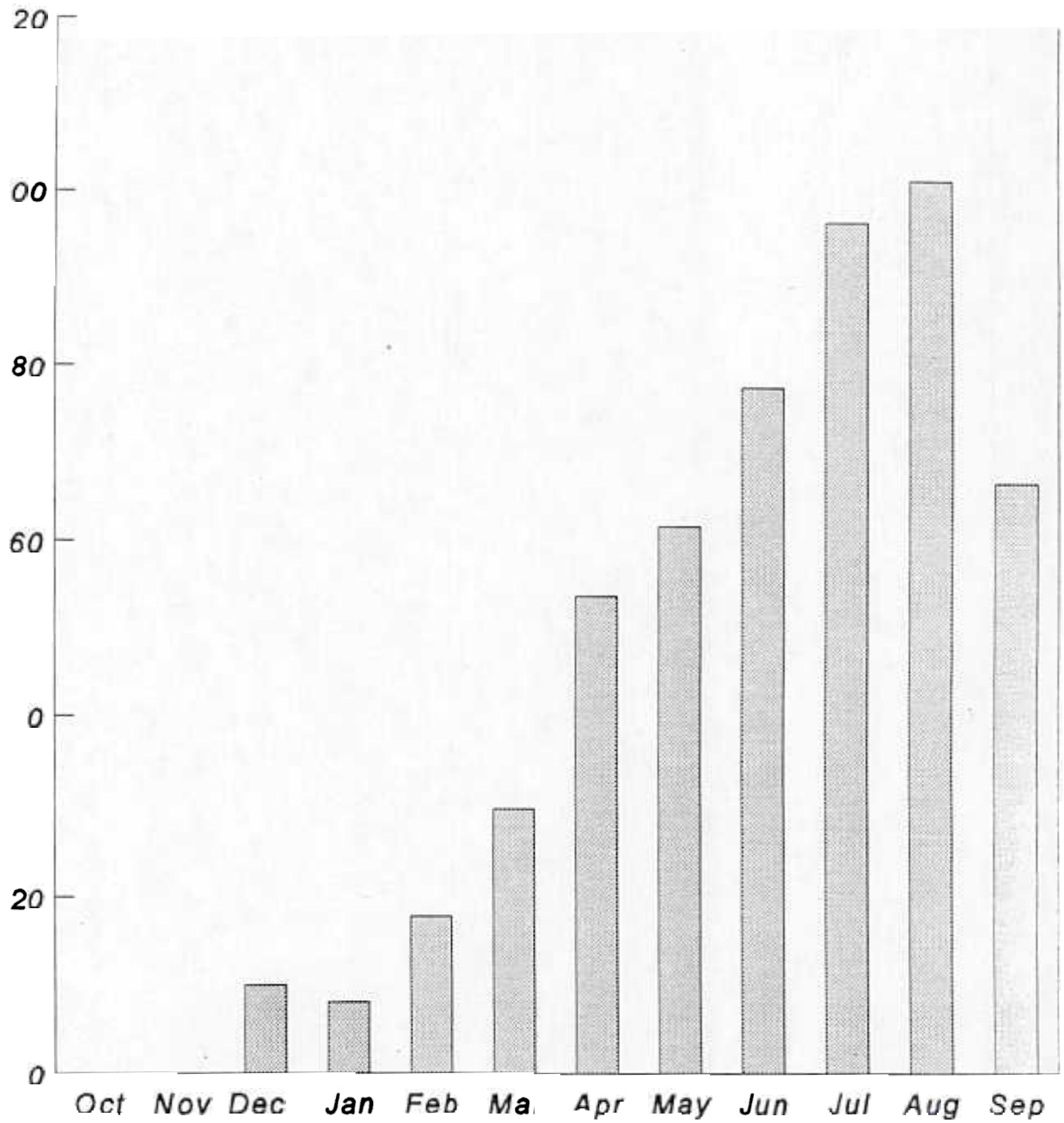
Orders were received through a variety of methods including facsimile, telephone, mail, and GLIS. E-mail and walk-in inquiries were also received.

EDC Customer Service Order Inquiry Activities Quarterly - FY 1997



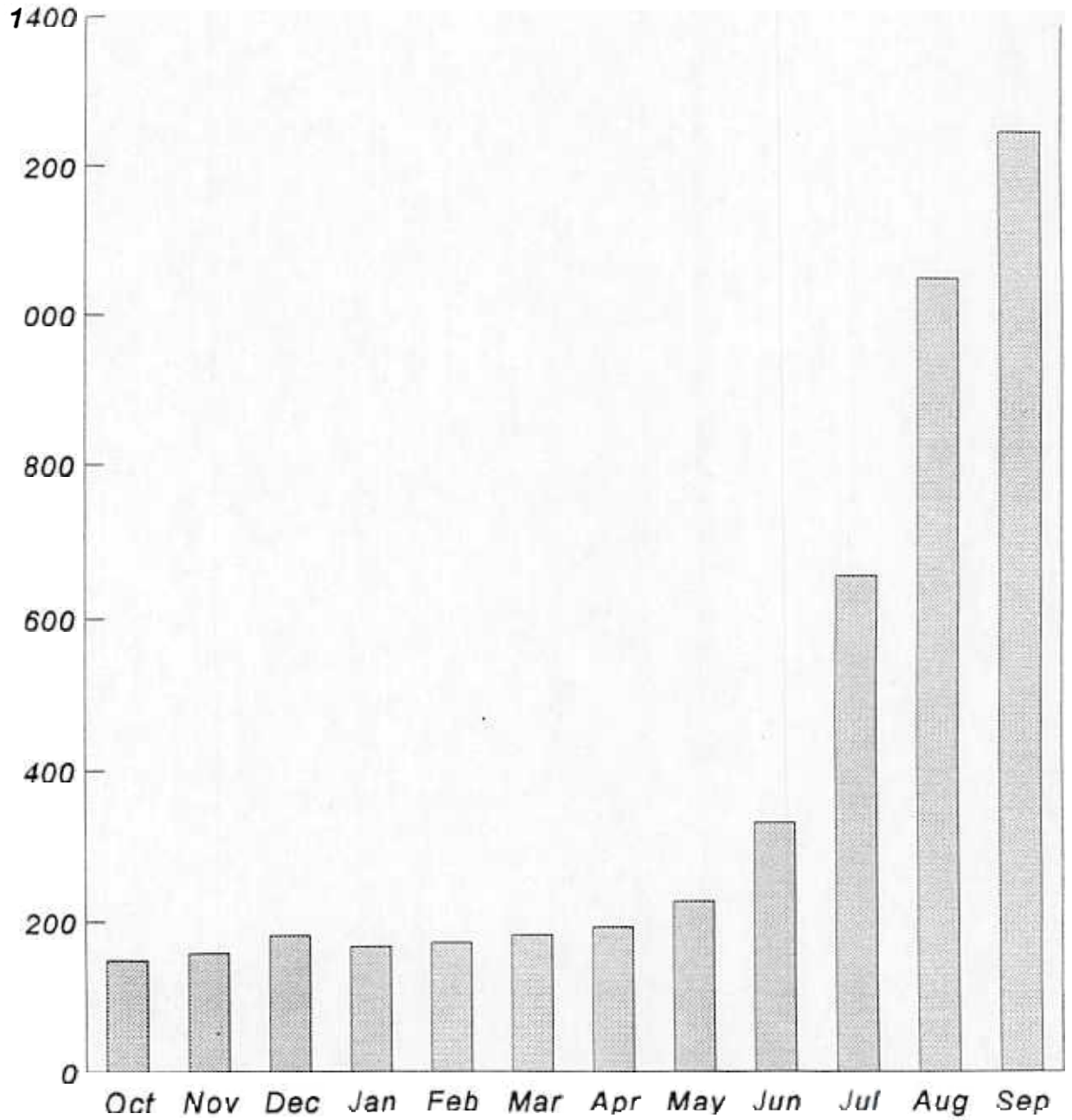
Orders were received through a variety of methods - mail, telephone calls, e-mail, facsimile and GLIS.

EDC Scientific & Technical Browse Area Walk-in Visitors - FY 1997

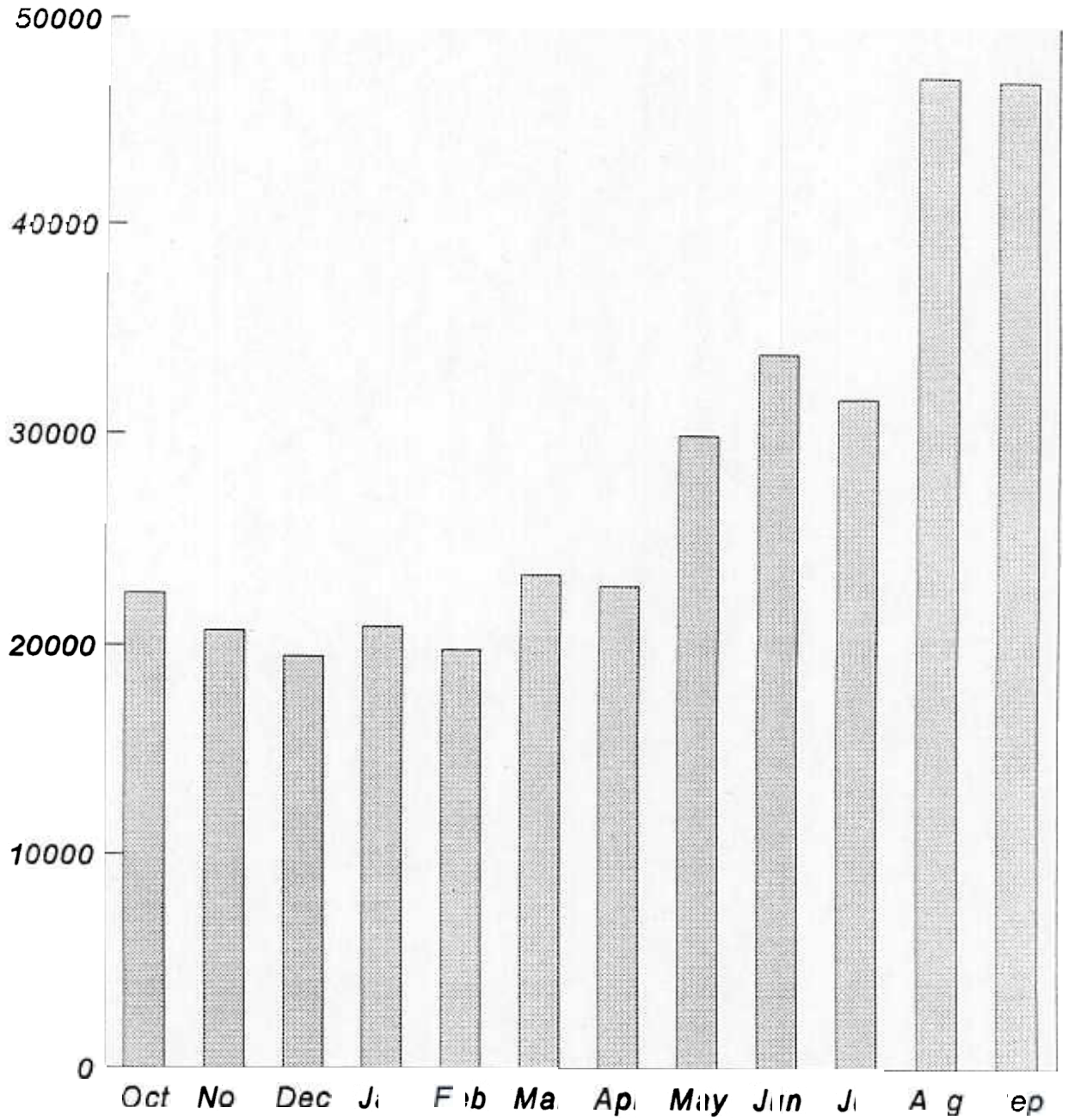


Technical Browse Area staffed full-time basis since December 1996

EDC GLIS Orders FY 1997



EDC GLIS Searches initiated FY 1997

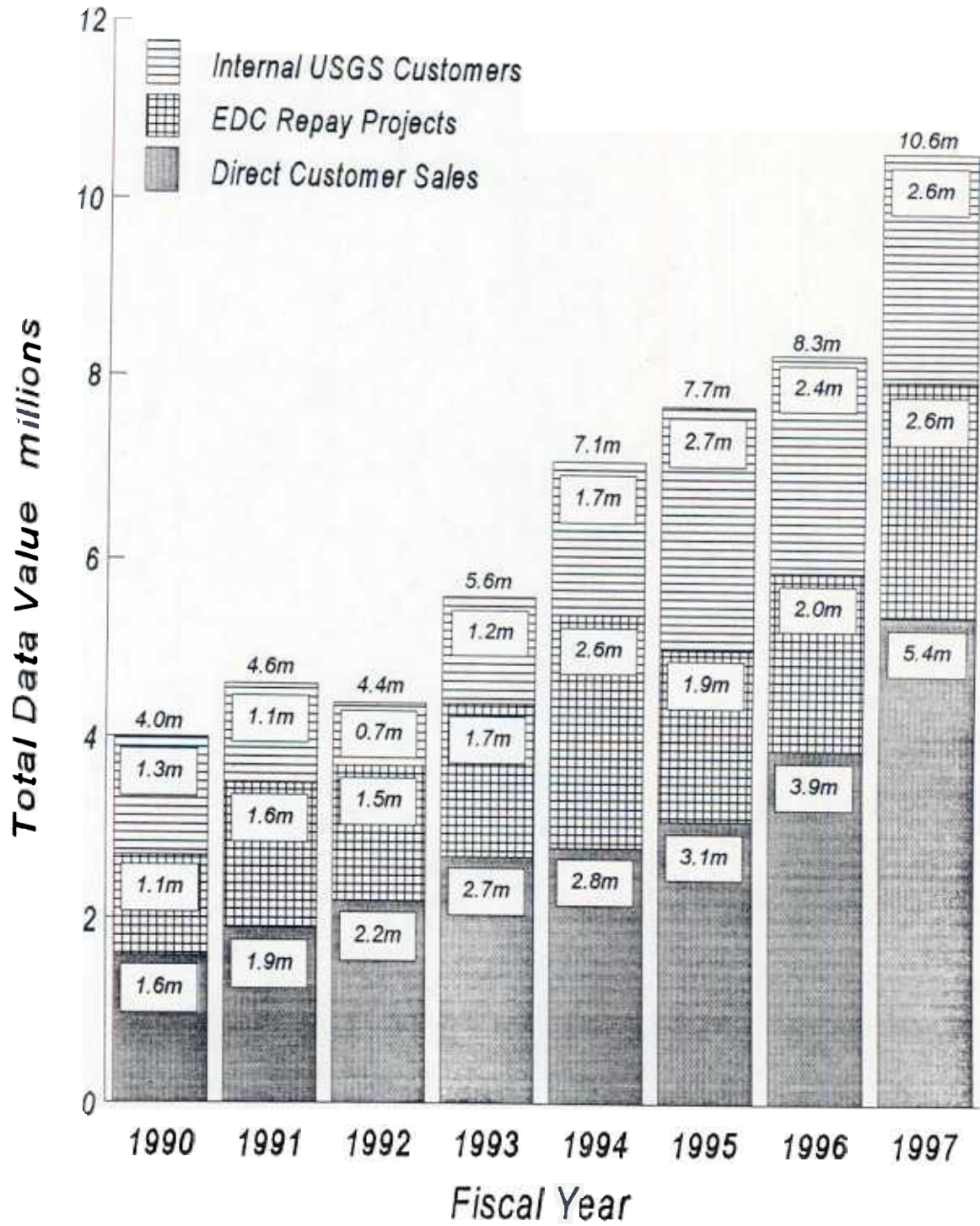


Section III

Historical Information

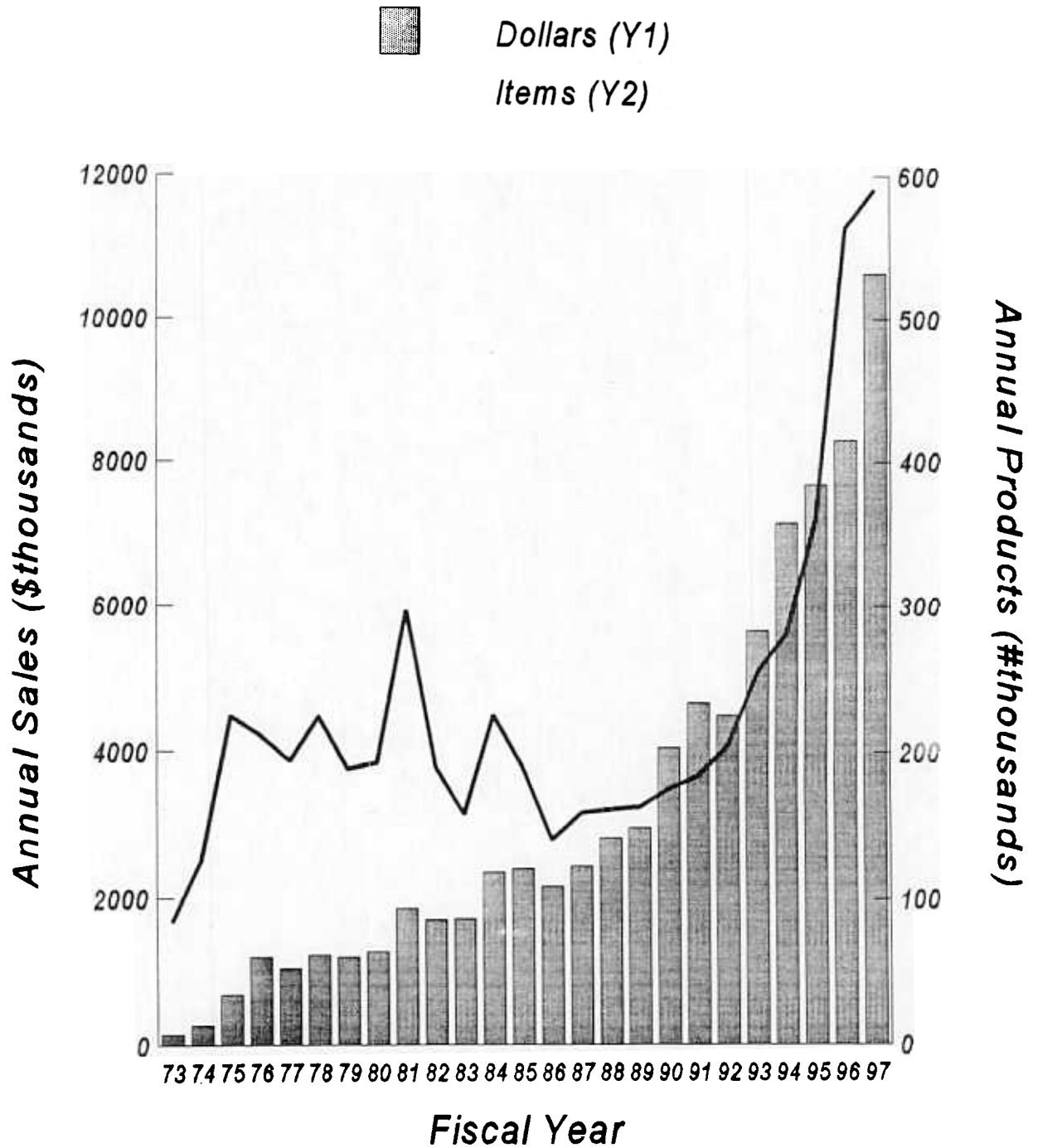
This section includes information on data produced and distributed by the EDC

EDC Total Product Sales



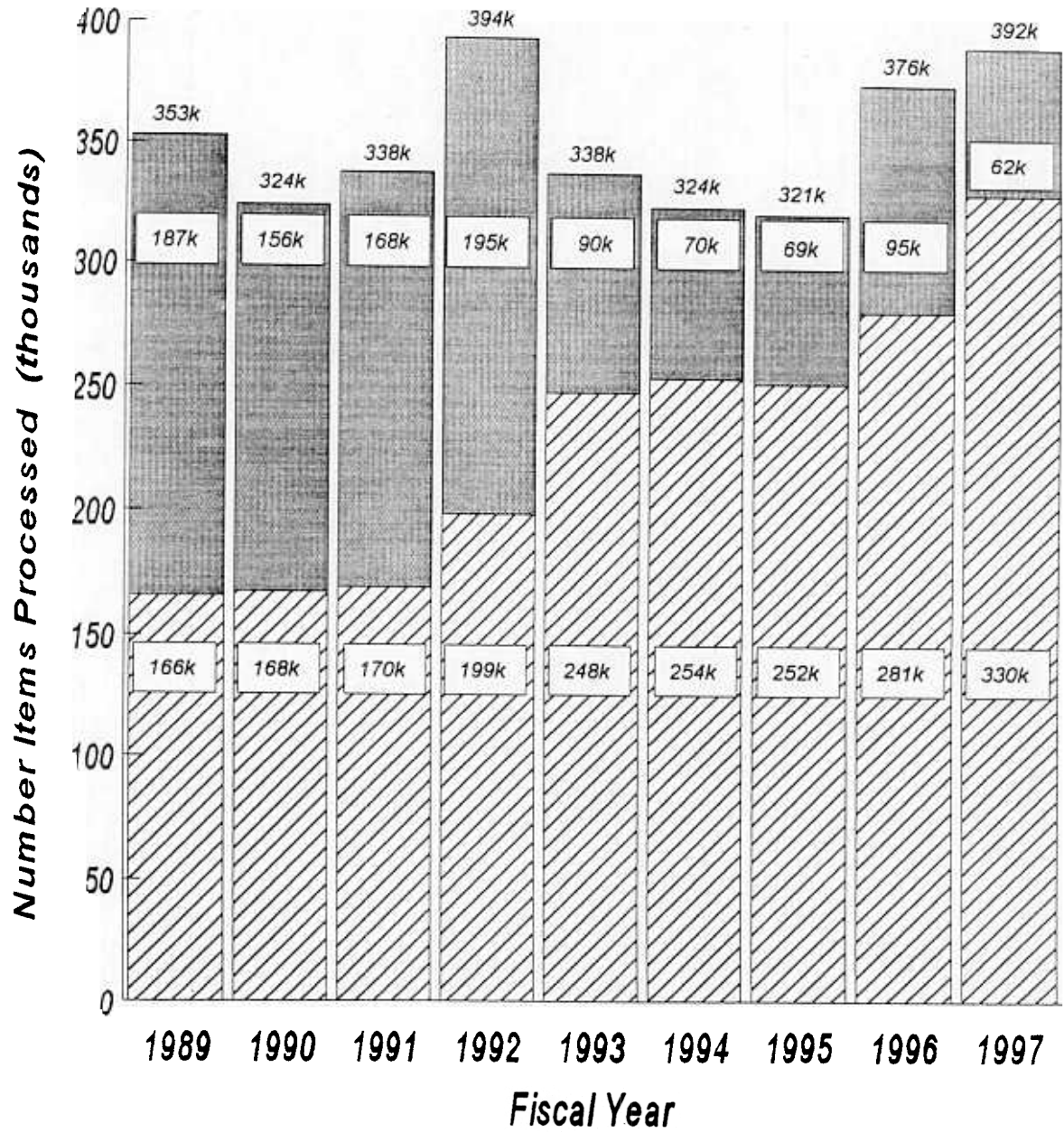
EDC Sales *

Fiscal Years 1973 - 1997

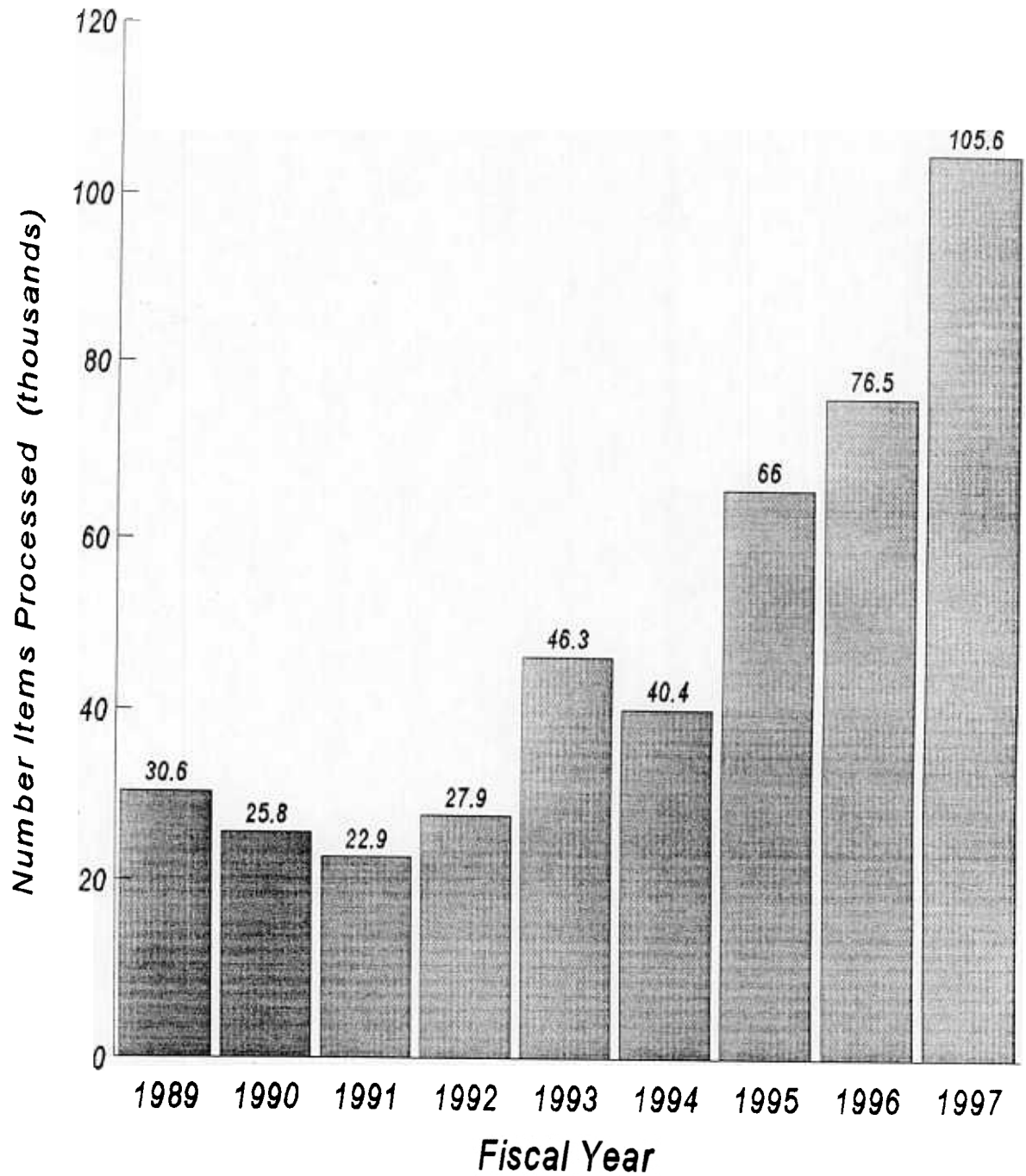


* Includes direct customer sales, EDC repay projects and sales to internal USGS customers.

EDC Photographic Laboratory Workload

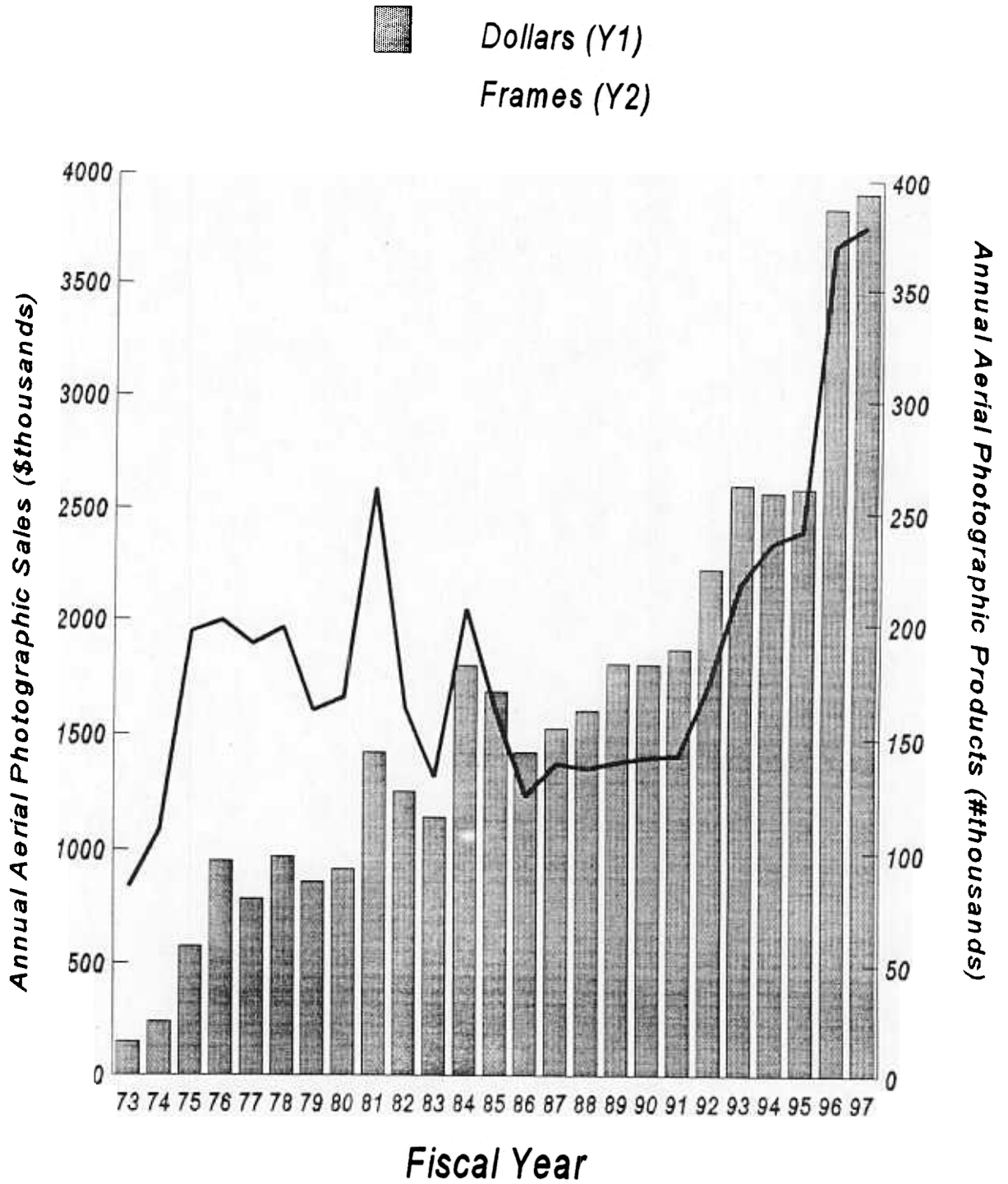


EDC Film Diapositive Workload

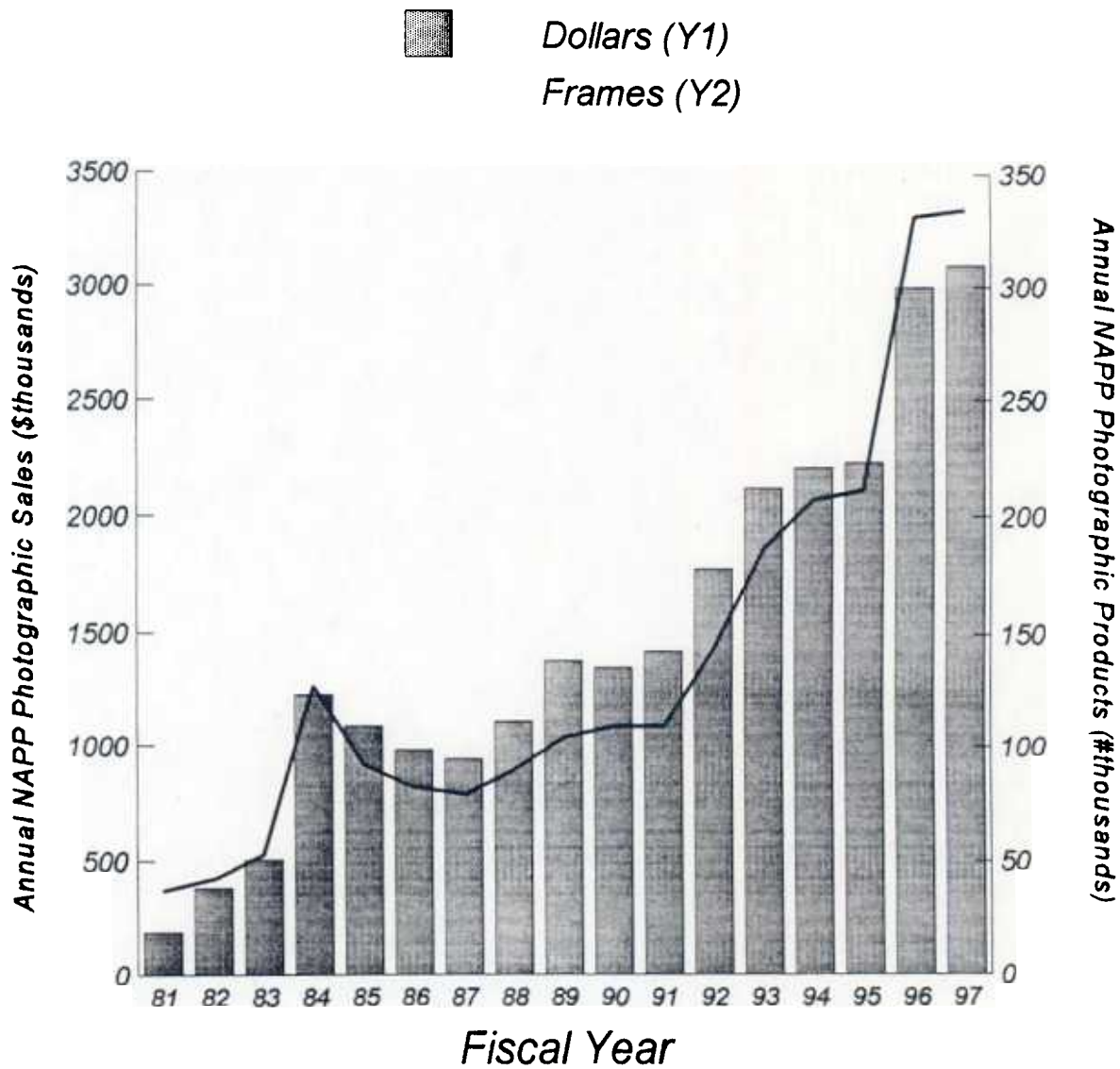


* Primarily for USGS Mapping Centers, for use in map production.

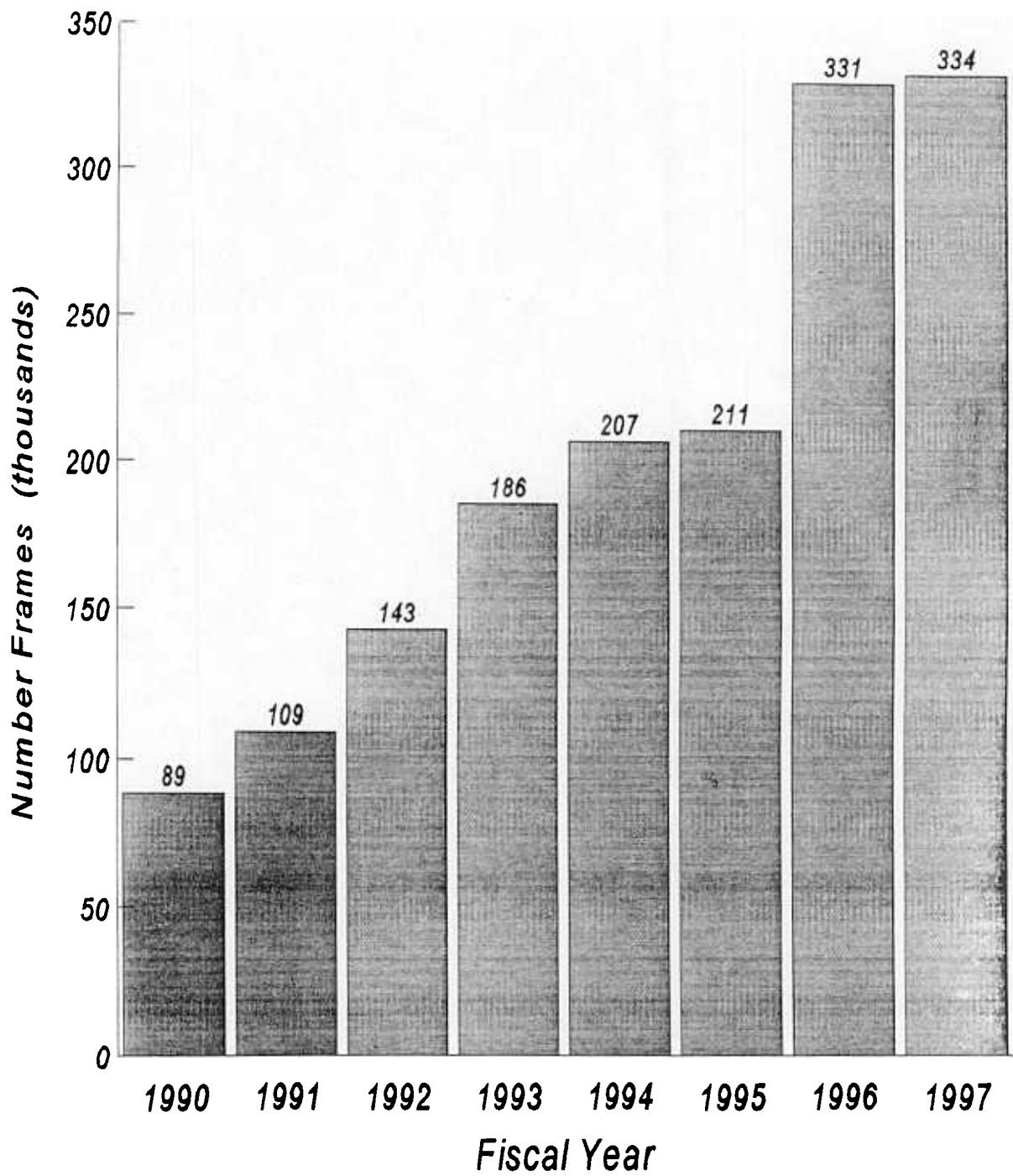
Aerial Photographic Data Sales Fiscal Years 1973 - 1997



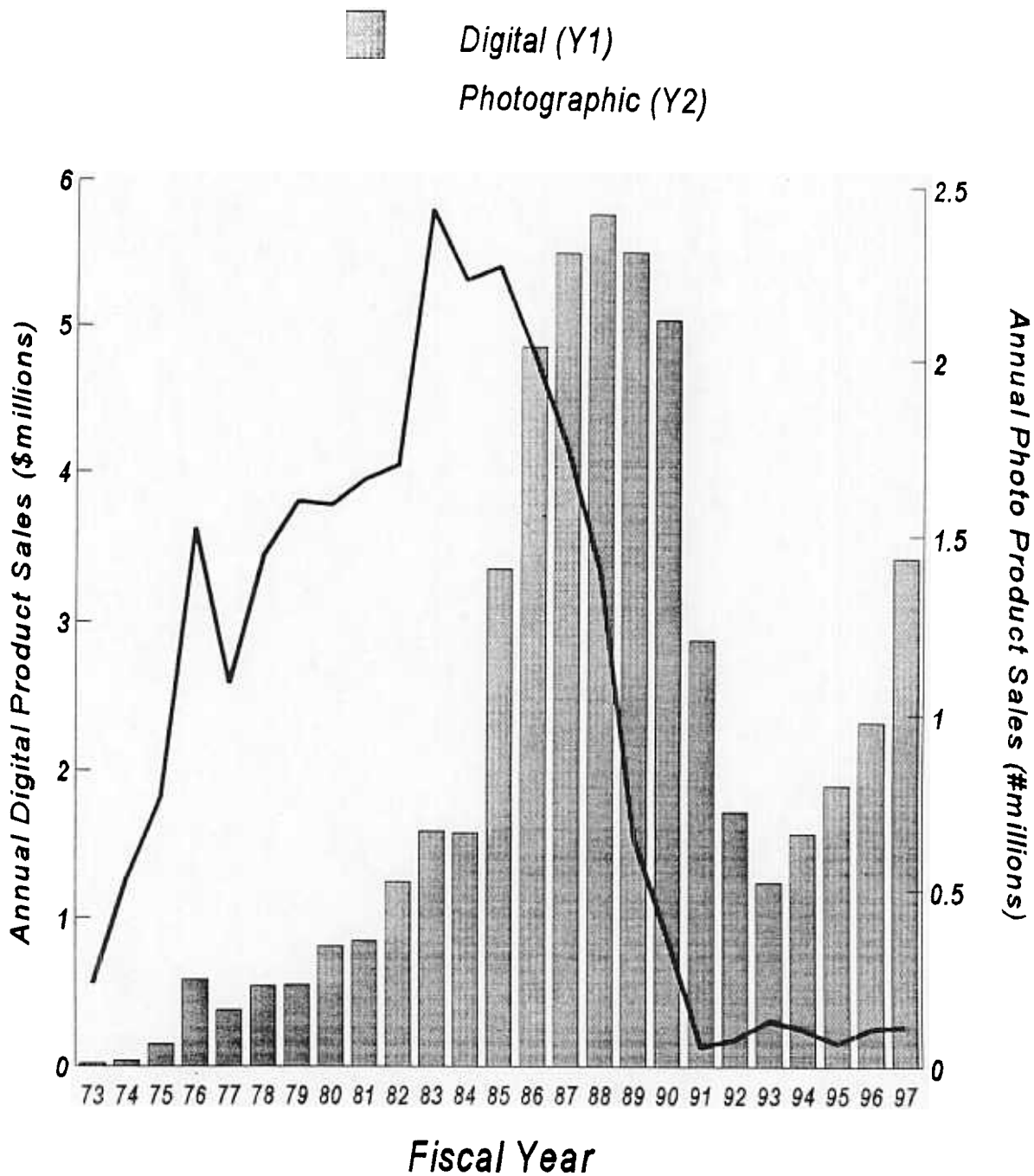
NAPP Data Sales Fiscal Years 1981 - 1997



NAPP Distribution Fiscal Years 1990 - 1997

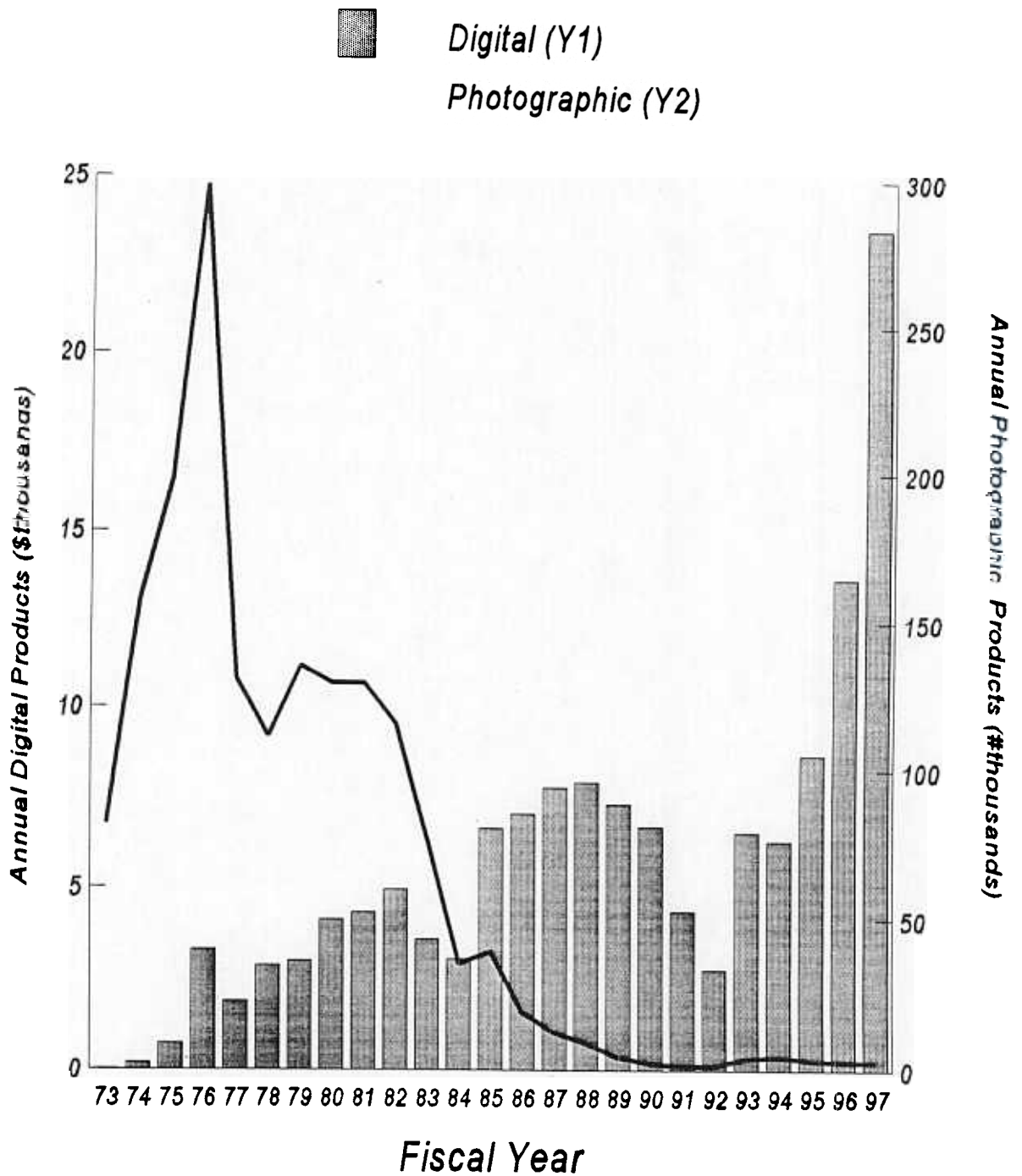


Landsat Sales (\$) * Fiscal Years 1973 - 1997



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

Landsat Sales (# of Items) * Fiscal Years 1973 - 1997



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

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1997	FEDERAL GOVERNMENT				
	USGS	248,831	66%	\$ 1,817,403	46%
	OTHER FEDERAL	42,894	11%	494,135	13%
	STATE/LOCAL GOVERNMENT	5,382	1%	106,189	3%
	ACADEMIA	8,797	2%	83,654	2%
	INDUSTRY	54,097	14%	1,083,485	27%
	INDIVIDUAL	17,122	5%	323,306	8%
	NON-U.S.	<u>1,945</u>	<u>1%</u>	<u>31,919</u>	<u>1%</u>
TOTAL		379,068	100%	\$ 3,940,091	100%
1996	FEDERAL GOVERNMENT				
	USGS	234,398	63%	\$ 1,745,752	45%
	OTHER FEDERAL	28,249	8%	379,748	10%
	STATE/LOCAL GOVERNMENT	10,148	3%	155,398	4%
	ACADEMIA	13,168	3%	134,796	3%
	INDUSTRY	66,984	18%	1,144,212	30%
	INDIVIDUAL	13,771	4%	277,014	7%
	NON-U.S.	<u>3,013</u>	<u>1%</u>	<u>31,831</u>	<u>1%</u>
TOTAL		369,731	100%	\$ 3,868,751	100%
1995	FEDERAL GOVERNMENT				
	USGS	141,484	58%	\$ 919,185	35%
	OTHER FEDERAL	21,161	9%	327,988	12%
	STATE/LOCAL GOVERNMENT	11,010	4%	182,891	7%
	ACADEMIA	14,497	6%	149,575	6%
	INDUSTRY	41,965	17%	805,350	30%
	INDIVIDUAL	13,466	6%	255,520	10%
	NON-U.S.	<u>393</u>	<u>0%</u>	<u>6,220</u>	<u>0%</u>
TOTAL		243,976	100%	\$2,646,729	100%
1994	FEDERAL GOVERNMENT				
	USGS	110,849	47%	\$ 637,614	25%
	OTHER FEDERAL	24,376	10%	420,913	16%
	STATE/LOCAL GOVERNMENT	29,208	13%	344,006	13%
	ACADEMIA	9,823	4%	113,959	4%
	INDUSTRY	47,913	20%	818,873	32%
	INDIVIDUAL	13,264	6%	255,935	10%
	NON-U.S.	<u>174</u>	<u>0%</u>	<u>2,457</u>	<u>0%</u>
TOTAL		235,607	100%	\$2,593,757	100%

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1997	FEDERAL GOVERNMENT				
	USGS	17,757	75%	\$ 1,296,339	38%
	OTHER FEDERAL	1,642	7%	613,918	18%
	STATE/LOCAL GOVERNMENT	30	0%	13,495	0%
	ACADEMIA	715	3%	256,183	7%
	INDUSTRY	1,344	6%	422,564	12%
	INDIVIDUAL	350	1%	142,525	4%
	NON-U.S.	<u>1,756</u>	<u>8%</u>	<u>711,198</u>	<u>21%</u>
TOTAL		23,594	100%	\$ 3,456,222	100%
1996	FEDERAL GOVERNMENT				
	USGS	10,061	74%	\$ 1,167,388	49%
	OTHER FEDERAL	706	5%	270,344	12%
	STATE/LOCAL GOVERNMENT	55	0%	19,440	1%
	ACADEMIA	442	3%	140,880	6%
	INDUSTRY	1,116	8%	326,728	14%
	INDIVIDUAL	232	2%	79,094	3%
	NON-U.S.	<u>1,133</u>	<u>8%</u>	<u>347,965</u>	<u>15%</u>
TOTAL		13,745	100%	\$ 2,351,839	100%
1995	FEDERAL GOVERNMENT				
	USGS	5,075	58%	\$ 1,100,573	57%
	OTHER FEDERAL	243	3%	56,635	3%
	STATE/LOCAL GOVERNMENT	34	0%	7,200	0%
	ACADEMIA	485	5%	100,715	5%
	INDUSTRY	1,281	15%	279,540	15%
	INDIVIDUAL	175	2%	40,570	2%
	NON-U.S.	<u>1,466</u>	<u>17%</u>	<u>330,534</u>	<u>18%</u>
TOTAL		8,759	100%	\$ 1,915,767	100%
1994	FEDERAL GOVERNMENT				
	USGS	3,609	57%	\$ 997,190	63%
	OTHER FEDERAL	145	2%	22,400	1%
	STATE/LOCAL GOVERNMENT	26	0%	4,550	0%
	ACADEMIA	417	7%	53,628	5%
	INDUSTRY	1,302	21%	333,040	21%
	INDIVIDUAL	70	1%	12,860	1%
	NON-U.S.	<u>779</u>	<u>12%</u>	<u>144,820</u>	<u>9%</u>
TOTAL		6,348	100%	\$ 1,588,810	100%

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1997	FEDERAL GOVERNMENT				
	USGS	599	23%	\$ 66,391	61%
	OTHER FEDERAL	221	9%	10,096	9%
	STATE/LOCAL GOVERNMENT	1	0%	18	0%
	ACADEMIA	321	12%	3,924	4%
	INDUSTRY	812	31%	14,976	14%
	INDIVIDUAL	276	11%	4,503	4%
	NON-U.S.	<u>353</u>	<u>14%</u>	<u>8,382</u>	<u>8%</u>
TOTAL	2,583	100%	\$ 108,290	100%	
1996	FEDERAL GOVERNMENT				
	USGS	852	32%	\$ 70,582	69%
	OTHER FEDERAL	43	2%	1,088	1%
	STATE/LOCAL GOVERNMENT	1	0%	18	0%
	ACADEMIA	88	3%	2,671	3%
	INDUSTRY	637	24%	11,274	11%
	INDIVIDUAL	353	13%	6,077	6%
	NON-U.S.	<u>707</u>	<u>26%</u>	<u>10,734</u>	<u>10%</u>
TOTAL	2,681	100%	\$ 102,444	100%	
1995	FEDERAL GOVERNMENT				
	USGS	389	12%	\$ 16,852	26%
	OTHER FEDERAL	22	1%	372	1%
	STATE/LOCAL GOVERNMENT	3	0%	42	0%
	ACADEMIA	77	2%	1,068	2%
	INDUSTRY	1,293	39%	21,160	33%
	INDIVIDUAL	492	15%	9,143	14%
	NON-U.S.	<u>1,023</u>	<u>31%</u>	<u>15,042</u>	<u>24%</u>
TOTAL	3,299	100%	\$ 63,679	100%	
1994	FEDERAL GOVERNMENT				
	USGS	847	19%	\$ 42,188	42%
	OTHER FEDERAL	164	3%	2,258	2%
	STATE/LOCAL GOVERNMENT	2	0%	72	0%
	ACADEMIA	261	6%	3,702	4%
	INDUSTRY	1,699	38%	26,604	27%
	INDIVIDUAL	411	9%	6,969	7%
	NON-U.S.	<u>1,122</u>	<u>25%</u>	<u>18,546</u>	<u>18%</u>
TOTAL	4,506	100%	\$ 100,339	100%	

Section IV

EDC Archives and Data Bases

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

As of the end of fiscal year 1997 the EDC had archived nearly 9 million frames of photographic data and 229 729 tapes. This includes more than 2.8 million frames of Landsat photographic data and 88,046 Landsat data tapes. The International Landsat Data Base maintained by the EDC refers to more than 1 million Landsat scenes archived in the United States, and more than 2.6 million scenes of Landsat data held by foreign ground stations.

Data Archive Report As Of October 8, 1997

PHOTOGRAPHIC DATA ARCHIVED AT EDC

AERIAL PHOTOGRAPHY		
SOURCE	ROLLS	FRAMES
US Geological Survey	17,353	2,587,722
NAPP	11,643	1,774,150
Bureau of Land Management	626	125,147
Bureau of Reclamation	294	58,785
National Park Service	81	13,635
Bureau of Indian Affairs	49	9,913
TOTAL DEPARTMENT OF THE INTERIOR	30,046	4,569,352
Army Map Service	1,741	219,794
US Air Force	3,398	339,172
US Navy	6,462	435,621
Corps of Engineers	98	24,078
TOTAL DEPARTMENT OF DEFENSE	11,699	1,018,665
Ames Research Center	5,078	625,640
Johnson Space Center	7,631	1,012,129
Other	1,401	131,862
TOTAL NASA	14,110	1,769,631
OTHER SOURCE AGENCIES	2,191	365,565
TOTAL AERIAL PHOTOGRAPHY	58,046	7,723,213

SATELLITE PHOTOGRAPHY		
SOURCE	ROLLS	FRAMES
Landsat MSS 70 mm Film (1/2/3)	7,708	1,342,187
Landsat MSS 9" B&W Film	10,628	1,338,195
Landsat TM 9" B&W Film	2,924	175,665
Skylab	634	44,845
Apollo/Gemini/Apollo-Sojuz	127	18,372
Shuttle (Incl. LFC)	3,186	292,176
Declassified Intelligence Satellite Photography	17,391	945,898
TOTAL SATELLITE PHOTOGRAPHY	42,598	4,157,338

Data Archive Report

As Of October 8, 1997

DIGITAL DATA ARCHIVED AT EDC

SOURCE	MAGNETIC TAPES	SCENES / FILES
AERIAL IMAGE DATA		
NASA Data		
TIMS / NS001	1,732	7,323
SIR-C	1,013	10,416
ASAS	166	162
NALC	2,531	2,531
NLDC	7,306	4,046
GTOPO 30	1	35
AVHRR 1-KM Orbital Segments	6,370	11,540
National Park Service	94	N/A
Side-Looking Airborne Radar (SLAR)	<u>2,523</u>	<u>2,928</u>
TOTAL	21,736	38,981
SATELLITE IMAGE DATA		
Landsat MSS/TM Digital Data	88,046	1,194,396
AVHRR		
EDC-HRPT Data	21,692	39,166
LAC Data Received via DOMSAT	24,441	54,729
LAC Data Received From Other Sources	16,010	64,336
SPOT Data	308	308
Department of Defense Multispectral Imagery Data	<u>7,298</u>	<u>3,318</u>
TOTAL	157,795	1,356,253
USGS GEO DATA (Digital Cartographic Data)		
	<u>QUADS</u>	<u>PRODUCTS</u>
7.5" DIGITAL ELEVATION MODEL (DEM)	39,035	42,305
15' DIGITAL ELEVATION MODEL (DEM)	542	542
30' DIGITAL ELEVATION MODEL (DEM)	N/A	1,285
250k DIGITAL ELEVATION MODEL (DEM)	N/A	1,384
24k & 15' DIGITAL LINE GRAPH (DLG)	24,458	102,660
100k DIGITAL LINE GRAPH (DLG)	1,842	20,581
1:2 M DIGITAL LINE GRAPH (DLG)	49	323
LAND USE LAND COVER (LULC)	521	2,749
3.75' DIGITAL ORTHOQUAD QUARTER QUAD (DOQ QQ)	N/A	45,920
DIGITAL ORTHOQUAD COUNTY CD'S (DOQ)	N/A	277
DIGITAL RASTER GRAPHICS CD'S (DRG)	<u>N/A</u>	<u>779</u>
TOTAL	66,447	171,829
EARTH SCIENCE DATA		
National Uranium Resource Evaluation (NURE/LIL)	957	7,941
Geophysical Research Program	<u>21</u>	<u>N/A</u>
TOTAL	978	7,941
TOTAL DIGITAL HOLDINGS	246,956	1,575,004

N/A = Information not available.

Data Archive Report

As Of October 8, 1997

SUMMARY OF DATA ARCHIVED AT EDC

PHOTOGRAPHIC DATA	ROLLS	FRAMES
AERIAL IMAGES	58,046	7,723,213
LANDSAT SATELLITE IMAGES	21,260	2,856,047
OTHER SATELLITE IMAGES	<u>21,338</u>	<u>1,301,291</u>
TOTAL	100,644	11,880,551

DIGITAL DATA	MAGNETIC TAPES / QUADS	SCENES / FILES / PRODUCTS
AERIAL IMAGE DATA	21,736	38,981
LANDSAT SATELLITE IMAGE DATA	88,046	1,194,396
OTHER SATELLITE IMAGE DATA	69,749	161,857
DIGITAL CARTOGRAPHIC DATA	66,447	171,829
EARTH SCIENCE DATA	<u>978</u>	<u>7,941</u>
TOTAL	246,956	1,575,004

* Includes approximately 1,194,396 Landsat scenes and 158,231 AVHRR scenes.

Landsat International Data Base Summary As Of October 8, 1997

References Landsat data archived by U.S. and foreign ground stations. Input provided via LGSOWG data exchange format tape.

COUNTRY	SCENES	LAST UPDATE	ACQUISITION DATE RANGE
USA	631,393 MSS 377,202 TM	DAILY	7/72 - 10/92 8/82 - 9/97
BRAZIL	32,617 MSS 108,689 TM	5/90 5/95	5/73 - 9/87 3/84 - 1/95
CANADA	466,225 MSS 188,616 TM	4/96 4/96	7/72 - 4/96 8/82 - 4/96
EARTHNET: ITALY	398,865 MSS 135,843 TM	4/95 4/95	4/75 - 12/93 4/84 - 3/95
SWEDEN	479,622 MSS 188,600 TM	4/95 4/95	4/75 - 12/93 4/84 - 3/95
MASPALOMAS (SPAIN)	23,918 MSS 3,058 TM	8/91 4/95	7/84 - 12/90 11/87 - 7/94
SOUTH AFRICA	58,502 MSS 38,630 TM	11/93 3/97	7/80 - 9/93 1/89 - 12/96
AUSTRALIA	210,671 MSS	9/91	9/79 - 8/91
ARGENTINA	--	--	--
JAPAN	166,887 MSS 100,935 TM	7/97 7/97	1/79 - 6/97 4/84 - 6/97
PAKISTAN	3,256 MSS 4,583 TM	6/90 6/90	5/89 - 12/89 5/89 - 12/89
TOTAL SCENES	2,471,956 MSS 1,146,156 TM 3,618,112		
LGSOWG TOTAL SCENES/NON-EDC	2,609,517		

To date, EDC has not received international data base tape updates from Indonesia, Thailand, People's Republic of China, Saudi Arabia and India.

Note: Foreign/USA number of MSS scenes no longer contain RBV data.