COST AND REVENUE ANALYSIS
FISCAL YEAR 2000

FINANCE

SUMMARY OF REVENUE AND COST FOR MAJOR SERVICE CATEGORIES
Fiscal Year 2000


First-Class Mail:
Single-Piece Letters........................................................................................................
Presort Letters.....
Total Letters......

| (in millions) |  |  | (per piece) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue (note 1) | Incremental Cost <br> (notes 2 \& 4) | Volume Variable Cost (note 2) | Revenue \$ | Marginal Cost \$ (note 2) | $\begin{gathered} \hline \text { Contribution } \\ \$ \\ \text { (note 2) } \\ \hline \end{gathered}$ | Cost Coverage (note 2) |
| A | B | C | D | E | (D-E) | (D/E) |
| \$21,774.1 | \$13,068.1 | \$12,494.9 | \$0.416 | \$0.239 | \$0.177 | 174.26\% |
| 12,553.0 | 4,661.8 | 4,475.6 | 0.275 | 0.098 | 0.177 | 280.47\% |
| 34,327.1 | 18,169.5 | 16,970.5 | 0.350 | 0.173 | 0.177 | 202.28\% |
| 559.4 | 526.4 | 512.7 | 0.206 | 0.189 | 0.017 | 109.11\% |
| 446.7 | 138.5 | 138.4 | 0.162 | 0.050 | 0.112 | 322.87\% |
| 1,006.1 | 665.6 | 651.1 | 0.184 | 0.119 | 0.065 | 154.53\% |
| 182.7 |  |  |  |  |  |  |
| 35,515.9 | 19,032.5 | 17,621.6 | 0.343 | 0.170 | 0.173 | 201.55\% |
| 4,837.1 | 3,457.2 | 3,152.7 | 3.957 | 2.579 | 1.378 | 153.43\% |
| 996.1 | 673.3 | 378.7 | 14.042 | 5.339 | 8.704 | 263.03\% |
| 1.5 | 0.8 | 0.7 | 0.415 | 0.195 | 0.221 | 213.34\% |
| 76.7 | 76.8 | 75.9 | 0.086 | 0.085 | 0.001 | 101.10\% |
| 2,076.3 | 2,224.7 | 2,199.2 | 0.219 | 0.232 | (0.013) | 94.41\% |
| 17.7 |  |  |  |  |  |  |
| 2,170.7 | 2,303.2 | 2,275.1 | 0.209 | 0.220 | (0.010) | 95.41\% |
| 5,095.8 | 2,454.7 | 2,315.8 | 0.143 | 0.065 | 0.078 | 220.04\% |
| 10,015.7 | 7,617.2 | 7,418.0 | 0.184 | 0.136 | 0.048 | 135.02\% |
| 81.8 |  |  |  |  |  |  |
| 15,193.3 | 10,352.1 | 9,733.7 | 0.169 | 0.108 | 0.061 | 156.09\% |
| 1,041.9 | 956.2 | 949.3 | 3.214 | 2.928 | 0.286 | 109.76\% |
| 502.9 | 458.3 | 455.8 | 0.898 | 0.814 | 0.084 | 110.33\% |
| 365.1 | 322.9 | 322.0 | 1.496 | 1.319 | 0.176 | 113.37\% |
| 2.4 |  |  |  |  |  |  |
| 1,912.3 | 1,749.2 | 1,727.1 | 1.695 | 1.531 | 0.164 | 110.72\% |

Fiscal Year 2000

| Classes and Sub-Classes of Mail (note 1) | (in millions) |  |  | (per piece) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Revenue (note 1) | Incremental Cost (notes 2 \& 4) | Volume Variable Cost (note 2) | $\begin{gathered} \text { Revenue } \\ \$ \\ \hline \end{gathered}$ | Marginal Cost \$ (note 2) | Contribution \$ (note 2) | Cost Coverage (note 2) |
|  | A | B | C | D | E | (D-E) | (D/E) |
| Free Mail - blind, handicapped \& servicemen. | \$ | \$33.7 | \$33.2 | \$ | \$ 0.713 | N/A | 0.00\% |
| International Mail (note 2)..................... | 1,700.2 | 1,347.0 | 1,284.4 | 1.544 | 1.167 | 0.378 | 132.37\% |
| Total Mail............................................ | 62,326.9 |  | 36,207.2 | 0.300 | 0.174 | 0.126 | 172.14\% |
| Special Services: |  |  |  |  |  |  |  |
| Registry .......................................... | 72.3 | 87.5 | 87.3 | 8.113 | 9.796 | (1.683) | 82.82\% |
| Ancillary Services............................ | 3.2 |  |  |  |  |  |  |
| Total Registry............................... | 75.5 |  |  |  |  |  |  |
| Certified .......................................... | 377.4 | 412.4 | 371.4 | 1.410 | 1.388 | 0.022 | 101.62\% |
| Ancillary Services............................. | 301.4 |  |  |  |  |  |  |
| Total Certified................................ | 678.9 |  |  |  |  |  |  |
| Insurance........................................ | 105.2 | 91.1 | 90.9 | 1.852 | 1.600 | 0.252 | 115.75\% |
| Ancillary Services............................ | 2.2 |  |  |  |  |  |  |
| Total Insurance.............................. | 107.4 |  |  |  |  |  |  |
| COD ................................................ | 21.5 | 15.3 | 15.1 | 5.198 | 3.649 | 1.549 | 142.46\% |
| Ancillary Services............................. | 0.0 |  |  |  |  |  |  |
| Total COD..................................... | 21.5 |  |  |  |  |  |  |
| Money Orders (note 2).................... | 271.5 | 215.2 | 157.1 | 1.174 | 0.679 | 0.495 | 172.89\% |
| Stamped Cards (note 5).................. | 2.0 | 3.0 | 3.0 |  |  |  |  |
| Stamped Envelopes...................... | 13.4 | 6.2 | 6.2 |  |  |  |  |
| Special Handling............................ | 0.1 | 1.9 | 1.9 |  |  |  |  |
| Post Office Box............................. | 684.2 | 545.2 | 544.9 |  |  |  |  |
| Other............................................ | 17.1 |  | 127.5 |  |  |  |  |
| Total Special Services................. | 1,871.5 | 1,547.2 | 1,405.3 |  |  |  |  |
| Miscellaneous items (note 2)........ | 277.8 |  | - |  |  |  |  |
| Total Mail and Services........................ | 64,476.1 |  | 37,612.5 |  |  |  |  |
| Appropriations: Revenue Forgone........ | 64.2 |  |  |  |  |  |  |
| Total Operating Revenue.................. | 64,540.3 |  |  |  |  |  |  |
| Investment Income.............................. | 40.7 |  |  |  |  |  |  |
| Total (note 3).................................... | 64,581.0 |  | 37,612.5 |  |  |  |  |
| All other costs..................................... |  |  | 27,168.3 |  |  |  |  |
| Total Costs (note 3)........................... |  |  | 64,780.8 |  |  |  |  |

SUMMARY OF REVENUE AND COST FOR MAJOR SERVICE CATEGORIES
Fiscal Year 2000
VOLUME STATISTICS

| Classes and Sub-Classes of Mail (note 1) | Pieces (thousands) | Weight in Pounds (thousands) | Weight per Piece (ounces) | Cubic Feet (thousands) | Weight per Cubic Foot (pounds) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| First-Class Mail: |  |  |  |  |  |
| Single-Piece Letters........................... | 52,369,535 | 2,601,381 | 0.8 | 178,238 | 14.6 |
| Presort Letters.................................. | 45,675,472 | 1,751,435 | 0.6 | 120,002 | 14.6 |
| Total Letters................................... | 98,045,007 | 4,352,816 | 0.7 | 298,240 | 14.6 |
| Single-Piece Cards............................ | 2,719,298 | 17,001 | 0.1 | 1,298 | 13.1 |
| Presort Cards..................................... | 2,761,407 | 22,202 | 0.1 | 1,695 | 13.1 |
| Total Cards..................................... | 5,480,705 | 39,203 | 0.1 | 2,993 | 13.1 |
| Total First Class........................... | 103,525,712 | 4,392,019 | 0.7 | 301,233 | 14.6 |
| Priority Mail........................................... | 1,222,454 | 2,352,320 | 30.8 | 191,292 | 12.3 |
| Express Mail......................................... | 70,935 | 80,017 | 18.0 | 10,073 | 7.9 |
| Mailgram............................................... | 3,656 | 0 | 0.0 | 0 | 0.0 |
| Periodicals: |  |  |  |  |  |
| In County.......................................... | 897,069 | 261,991 | 4.7 | 14,346 | 18.3 |
| Outside County (note 2)..................... | 9,467,716 | 4,458,267 | 7.5 | 244,127 | 18.3 |
| Total Periodicals............................ | 10,364,785 | 4,720,258 | 7.3 | 258,473 | 18.3 |
| Standard Mail:....................................... |  |  |  |  |  |
| Enhanced Carrier Route (note 2)......... | 35,700,637 | 5,332,509 | 2.4 | 299,501 | 17.8 |
| Regular (note 2)................................. | 54,356,510 | 5,810,138 | 1.7 | 327,683 | 17.7 |
| Total Standard Mail | 90,057,147 | 11,142,647 | 2.0 | 627,184 | 17.8 |
| Package Services: |  |  |  |  |  |
| Parcel Post........................................ | 324,167 | 2,040,870 | 100.7 | 290,888 | 7.0 |
| Bound Printed Matter.......................... | 560,218 | 1,383,631 | 39.5 | 97,514 | 14.2 |
| Media Mail (note 2).............................. | 244,046 | 349,272 | 22.9 | 31,523 | 11.1 |
| Total Package Services.................. | 1,128,431 | 3,773,773 | 53.5 | 419,925 | 9.0 |

Fiscal Year 2000
VOLUME STATISTICS

| Classes and Sub-Classes of Mail (note 1) | Pieces (thousands) | Weight in Pounds (thousands) | Weight per Piece (ounces) | Cubic Feet (thousands) | Weight per Cubic Foot (pounds) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| US Postal Service................................. | 362,913 | 95,307 | 4.2 | 6,734 | 14.2 |
| Free Mail - blind, handicapped \& servicemen. | 46,638 | 25,134 | 8.6 | 2,455 | 10.2 |
| International Mail................................... | 1,101,024 | 259,148 | 3.8 | 24,516 | 10.6 |
| Total Mail.............................................. | 207,883,695 | 26,840,623 | 2.1 | 1,841,889 | 14.6 |
| Special Services: |  |  |  |  |  |
| Registry ........................................... | 8,913 | N/A | N/A | N/A | N/A |
| Ancillary Services.............................. | 2,444 |  |  |  |  |
| Total Registry................................. | 11,357 |  |  |  |  |
| Certified ............................................ | 267,635 | N/A | N/A | N/A | N/A |
| Ancillary Services.............................. | 231,860 |  |  |  |  |
| Total Certified............................... | 499,495 |  |  |  |  |
| Insurance................................... | 56,790 | N/A | N/A | N/A | N/A |
| Ancillary Services.............................. | 1,671 |  |  |  |  |
| Total Insurance................................ | 58,461 |  |  |  |  |
| COD ................................................. | 4,131 | N/A | N/A | N/A | N/A |
| Ancillary Services.............................. | 0.0 |  |  |  |  |
| Total COD....................................... | 4,131 |  |  |  |  |
| Money Orders (note 2)...................... | 231,213 | N/A | N/A | N/A | N/A |
| Stamped Cards............................... | 0.0 | N/A | N/A | N/A | N/A |
| Stamped Envelopes........................ | 0.0 | N/A | N/A | N/A | N/A |
| Special Handling............................. | 9.0 | N/A | N/A | N/A | N/A |
| Post Office Box............................... | 0.0 | N/A | N/A | N/A | N/A |
| Other.............................................. | 123,042 | N/A | N/A | N/A | N/A |
| Total Special Services.................... | 927,708 | N/A | N/A | N/A | N/A |

## UNITED STATES POSTAL SERVICE

## NOTES TO COST AND REVENUE ANALYSIS

## 1. Cost and Revenue Analysis

The U.S. Postal Service (Postal Service) annually prepares the Cost and Revenue Analysis (CRA) covering the period from October 1 through September 30. The CRA aids us in determining that we are meeting the statutory requirements under Title 39 U.S. Code, that "each class of mail or type of mail service bear the direct and indirect costs attributable to that class or service...." The CRA presents management's estimates of the total and per unit revenue by category of mail or service. It also presents each category's estimated incremental and marginal costs. These estimates are considered as one element of the postal rate making process.

The postal system of accounts is the basis for CRA data; however, the postal system of accounts generally does not accumulate financial data by class and subclass of mail. Apportionment factors, derived from various postal operational and statistical information sources, are required for development of the data for CRA purposes. Some of these sources (e.g., In-Office Cost System and Revenue, Pieces and Weight (RPW) System) are dedicated to this purpose and involve extensive statistical sampling of postal activity during the year. We compare and scale calculated amounts to actual data in the postal system of accounts, as appropriate. With respect to the RPW system, while calculated sample revenue should approximate actual Postal Service revenue, the RPW system has been designed to accommodate and adjust for any differences. Although the accuracy of the RPW system does not necessarily depend on how close calculated revenue is to actual revenue, we are investigating reasons for an increased difference between the two in Fiscal Year (FY) 2000.

In the FY 2000 CRA, we reverted to a pre-1999 method for computing city carrier costs to conform our CRA methodology to the Postal Rate Commission (PRC) approach. Other methods we proposed that have not been adopted by the PRC are still used in the CRA development. For example, we attribute mail processing costs differently from the PRC, generally assuming that costs vary less than proportionately with volume. The methods employed in developing CRA data are described in the Summary Description and in testimony we filed before the PRC. These documents are available from Product Cost Analysis in Finance.

## 2. Definitions

Incremental Costs - An estimate of the cost we incur as a result of providing the entire annual quantity of a subclass of mail or service. Incremental cost of a subclass of mail or service can be determined by estimating the cost avoided by eliminating that particular subclass of service, assuming that all other products continue to be provided at their current volumes. The purpose of this determination is to indicate whether the customers of one subclass of mail (or group of subclasses) may be subsidizing (or contributing revenue to) customers of another subclass of mail (or group of subclasses.)

Marginal Costs - We estimate the marginal cost of a subclass or mail category as the change in cost that results from a small change in its volume alone, when the volumes of other subclasses or mail categories remain constant.

Volume Variable Costs - Volume times Marginal Cost.

Contribution - Revenue per piece minus Marginal Cost per piece. Contribution indicates the rate at which a given subclass offsets all other costs. Cost Coverage - Revenue per unit as a percentage of Marginal Cost. Unit Revenue/Marginal Cost times 100.

Fees - Fees associated with a specific class or subclass of mail are included in the reported revenue for that class or subclass.
International Mail - International mail costs include costs of both U.S. origin and foreign origin mail and special services. Volume statistics do not include foreign origin mail.

Miscellaneous Items - Miscellaneous items include philatelic sales, fees, fines, unclaimed money from dead letters, sales of services performed for government agencies and private contractors. They do not include the $\$ 48.8$ million in revenue earned from the money order float, which is included in special services and international mail revenue in the CRA.

Combined Mail Categories - The following mail categories include more than one subclass due to the enactment of Public Law 106-384 (October 27, 2000):
"Outside County" contains Nonprofit Periodicals, Classroom Periodicals and Regular Periodicals.
"Enhanced Carrier Route" (ECR) contains Standard A Nonprofit ECR and Standard A Regular ECR.
"Regular" contains Standard A Nonprofit and Standard A Regular.
"Media Mail" contains Library Rate and Special Standard.
3. Miscellaneous Adjustments
A) Mortgage income of $\$ 0.6$ million was included with interest income in the Annual Report and is reported as miscellaneous revenue in the CRA.

| Operating Revenue per Annual Report | (in millions) |
| :--- | ---: |
| \$64,540.0 |  |
| Mortgage Income | .6 |
| Other Interest Income | 40.4 |
| Annual Report Revenue | $\underline{\$ 64,581.0}$ |
|  |  |
| CRA Report Revenue | $\underline{\$ 64,581.0}$ |

B) Interest expense on borrowings and unfunded retirement liabilities shown separately in the Annual Report is reported as part of CRA Report Expenses.

| Operating Expenses per Annual Report | (in millions) |
| :--- | ---: |
| $\$ 62,992$ |  |
| Interest expense on borrowings | 220 |
| Interest expense on unfunded retirement liabilites | $\underline{1,568}$ |
| Annual Report Expenses | $\underline{\underline{\$ 64,780}}$ |
|  | $\underline{\$ 64,780}$ |

## 4. Product Specific Costs

Product specific costs represent a portion of the incremental cost of certain subclasses of mail. Though these costs make up a very small portion of overall costs, they are a significant part of certain subclasses, as shown below (in millions):

| Priority Mail | $\$ 276.7$ |
| :--- | ---: |
| Express Mail | 284.3 |
| International Mail | 64.5 |

5. Cards

Volume variable costs are for the printing costs related to stamped cards.
6. Other

All figures in the CRA are rounded and may not add to totals.
Percents are rounded to the nearest decimal.

- Denotes zero values.
() Denotes negative values.

