# Melbourne-Space Coast Area Transit (SCAT)

401 South Varr Avenue
Cocoa, FL 32922
(407)635-7815

Chief Executive Officer: James Liesenfelt,
Interim Transit Director
ID Number: 4063

## System Wide Information

### General Information

| | |
|---|---|
| **Urbanized Area (UZA) Statistics - 1990 Census** | |
| **Melbourne--Palm Bay, FL** | |
| Square Miles | 233 |
| Population | 305,978 |
| Population Ranking Out of 405 UZA's | 83 |
| Other UZA's Served: | 389 |
| **Service Area Statistics** | |
| Square Miles | 427 |
| Population | 453,117 |
| **Service Consumption** | |
| Annual Passenger Miles | 18,993,528 |
| Annual Unlinked Trips | 795,200 |
| Average Weekday Unlinked Trips | 3,046 |
| Average Saturday Unlinked Trips | 329 |
| Average Sunday Unlinked Trips | 141 |
| **Service Supplied** | |
| Annual Vehicle Revenue Miles | 4,052,697 |
| Annual Vehicle Revenue Hours | 217,123 |
| Total Fleet | 237 |
| Vehicles Operated in Maximum Service | 166 |
| Base Period Requirement | 0 |

**Vehicles Operated in Maximum Service**

| | Directly Operated | Purchased Transportation |
|---|---|---|
| Bus | 18 | 0 |
| Vanpool | 0 | 86 |
| Demand Response | 29 | 33 |
| **Total** | **47** | **119** |

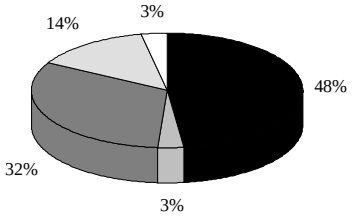
### Financial Information

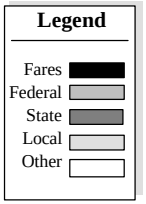
| | |
|---|---|
| **Sources of Operating Funds Expended** | |
| Passenger Fares | $2,834,115 |
| Local Funds | 855,130 |
| State Funds | 1,921,082 |
| Federal Assistance | 191,240 |
| Other Funds | 135,041 |
| **Total Operating Funds Expended** | **$5,936,608** |
| **Summary of Operating Expenses** | |
| Salaries/Wages/Benefits | $2,268,249 |
| Materials & Supplies | 319,115 |
| Purchased Transportation | 2,009,109 |
| Other Operating Expenses | 1,362,149 |
| **Total Operating Expenses** | **$5,958,622** |
| Reconciling Cash Expenditures | $0 |
| **Sources of Capital Funds Expended** | |
| Local Funds | $167,789 |
| State Funds | 174,367 |
| Federal Assistance | 1,871,752 |
| **Total Capital Funds Expended** | **$2,213,908** |

**Uses of Capital Funds**

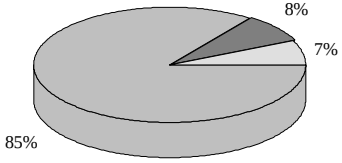
| | Rolling Stock | Facilities and Other | Total |
|---|---|---|---|
| Bus | $386,802 | $176,558 | $563,360 |
| Vanpool | 506,757 | 0 | 506,757 |
| Demand Response | 785,325 | 358,466 | 1,143,791 |
| **Total** | **$1,678,884** | **$535,024** | **$2,213,908** |

**Sources of Operating Funds Expended**




**Sources of Capital Funds Expended**




## Modal Information

### Characteristics

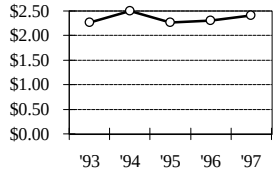
| | Bus | Demand Response | Vanpool |
|---|---|---|---|
| Operating Expense | $1,373,881 | $4,119,395 | $465,346 |
| Capital Funding | $563,360 | $1,143,791 | $506,757 |
| Annual Passenger Miles | 1,682,398 | 4,427,210 | 12,883,920 |
| Annual Vehicle Revenue Miles | 570,693 | 1,595,629 | 1,886,375 |
| Annual Unlinked Trips | 215,692 | 340,200 | 239,308 |
| Average Weekday Unlinked Trips | 797 | 1,296 | 953 |
| Annual Vehicle Revenue Hours | 28,744 | 112,924 | 75,455 |
| Fixed Guideway Directional Route Miles | 0.0 | N/A | N/A |
| Total Fleet | 48 | 95 | 94 |
| Average Fleet Age in Years | 4.7 | 5.2 | 2.7 |
| Vehicles Operated in Maximum Service | 18 | 62 | 86 |
| Peak to Base Ratio | N/A | N/A | N/A |
| Percent Spares | 167% | 53% | 9% |

### Performance Measures

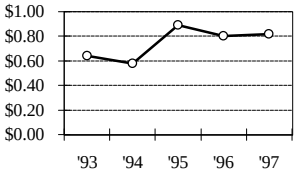
| | | | |
|---|---|---|---|
| **Service Efficiency** | | | |
| Operating Expense/Vehicle Revenue Mile | $2.41 | $2.58 | $0.25 |
| Operating Expense/Vehicle Revenue Hour | $47.80 | $36.48 | $6.17 |
| **Cost Effectiveness** | | | |
| Operating Expense/Passenger Mile | $0.82 | $0.93 | $0.04 |
| Operating Expense/Unlinked Passenger Trip | $6.37 | $12.11 | $1.94 |
| **Service Effectiveness** | | | |
| Unlinked Passenger Trips/Vehicle Revenue Mile | 0.38 | 0.21 | 0.13 |
| Unlinked Passenger Trips/Vehicle Revenue Hour | 7.50 | 3.01 | 3.17 |

**Bus**

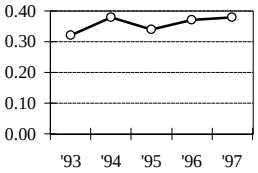
**Operating Expense Per Vehicle Revenue Mile**




**Operating Expense Per Passenger Mile**

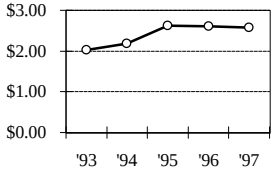



**Passenger Trips Per Vehicle Revenue Mile**

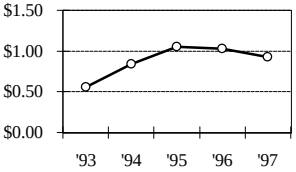



**Demand Response**

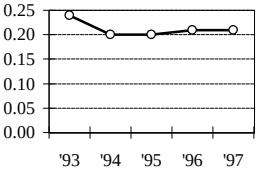
**Operating Expense Per Vehicle Revenue Mile**




**Operating Expense Per Passenger Mile**




**Passenger Trips Per Vehicle Revenue Mile**




*Source: 1997 National Transit Database*