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REPUBLICA DE COLOMBIA



Departamento Administrativo Nacional de Estadística

# Anuario de transporte y comunicaciones

1977

# Indice

| Pág.<br>No. | Cuadros<br>números                                                                                             |
|-------------|----------------------------------------------------------------------------------------------------------------|
| 7           | <b>A. Ferrocarriles</b>                                                                                        |
| 9           | 1. Movimiento de pasajeros, según divisiones, 1968-1977                                                        |
| 10          | 2. Movimiento de carga y ganado vacuno, según divisiones, 1968-1977                                            |
| 12          | 3. Tráfico de carga, por grupos, 1972-1977                                                                     |
|             | 4. Gastos de explotación, según conceptos, 1976-1977                                                           |
|             | 5. Ingresos de explotación, por divisiones, según conceptos, 1976-1977                                         |
| 13          | 6. Inventario de equipos, según clase a diciembre 31, 1976-1977                                                |
|             | 7. Ingresos y gastos de operación, según conceptos, 1976-1977                                                  |
| 14          | 8. Movimiento de carga que paga, según artículos principales, 1976-1977                                        |
| 15          | 8A. Carga movilizada. Resumen general, 1976-1977                                                               |
| 17          | <b>B. Transporte aéreo nacional</b>                                                                            |
| 19          | 9. Movimiento de pasajeros y carga, 1971-1977                                                                  |
|             | 9A. Comportamiento de otras variables, 1976-1977                                                               |
| 20          | 10. Indices mensuales del transporte de pasajeros y carga, 1971-1977                                           |
| 21          | 11. Movimiento de pasajeros por los principales aeropuertos del país, 1976-1977                                |
|             | 12. Movimiento de carga por los principales aeropuertos del país, 1976-1977                                    |
| 22          | 13. Intercambio de pasajeros y carga entre los principales aeropuertos del país, 1976-1977                     |
| 25          | <b>C. Transporte aéreo internacional</b>                                                                       |
| 27          | 14. Movimiento de pasajeros y carga por empresas nacionales e internacionales, 1971-1977                       |
| 28          | 15. Indices mensuales del transporte de pasajeros y carga por empresas nacionales e internacionales, 1971-1977 |
| 29          | 16. Movimiento de pasajeros y carga por empresas nacionales, 1971-1977                                         |
| 31          | 16A. Comportamiento de otras variables, 1976-1977                                                              |
|             | 17. Indices mensuales del transporte de pasajeros y carga por empresas nacionales, 1971-1977                   |
| 32          | 18. Movimiento de pasajeros y carga por empresas internacionales, 1971-1977                                    |
| 33          | 19. Indices mensuales del transporte de pasajeros y carga por empresas internacionales, 1971-1977              |
| 34          | 20. Movimiento de pasajeros por aeropuertos y continentes, 1976-1977                                           |
| 35          | 21. Movimiento de carga por aeropuertos y continentes, 1976-1977                                               |
| 36          | 22. Movimiento de pasajeros, carga y correo según naves nacionales o extranjeras y aeropuertos, 1976-1977      |

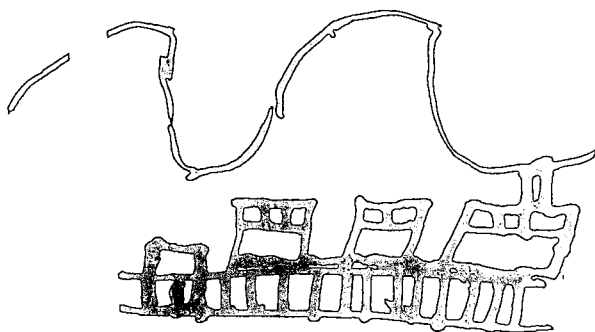
| Pág.<br>No. | Cuadros<br>números                                                                                                                                           |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 37          | <b>D. Carreteras</b>                                                                                                                                         |
| 38          | 23. Carreteras nacionales, departamentales, municipales, particulares y caminos vecinales en servicio a 31 de diciembre, según secciones del país, 1976-1977 |
| 39          | <b>E. Transporte fluvial por el río Magdalena</b>                                                                                                            |
| 41          | 24. Movimiento de embarcaciones, según puertos, 1968-1977                                                                                                    |
| 42          | 25. Movimiento de pasajeros, según puertos, 1972-1977                                                                                                        |
| 43          | 26. Movimiento de carga por grupos de productos, según puertos, 1972-1977                                                                                    |
| 45          | 27. Carga despachada y recibida, según puertos, 1972-1977                                                                                                    |
| 47          | 28. Carga despachada y recibida, según puertos, 1976-1977                                                                                                    |
| 49          | 29. Transporte de ganado, por clases, según puertos, 1976-1977                                                                                               |
|             | 30. Intercambio de ganado, según puertos, 1976-1977                                                                                                          |
| 51          | <b>F. Transporte de cabotaje</b>                                                                                                                             |
| 52          | 31. Movimiento de carga por grupos de productos, según puertos, 1971-1977                                                                                    |
| 55          | 32. Carga despachada y recibida, según puertos, 1976-1977                                                                                                    |
| 56          | 33. Carga despachada y recibida, según puertos, 1976-1977                                                                                                    |
| 57          | <b>G. Transporte marítimo internacional</b>                                                                                                                  |
| 58          | 34. Movimiento de embarcaciones, según puertos colombianos, 1968-1977                                                                                        |
| 60          | 35. Movimiento de embarcaciones en los puertos colombianos, según bandéras, 1968-1977                                                                        |
| 65          | <b>H. Transporte por oleoductos</b>                                                                                                                          |
| 66          | 36. Productos refinados del petróleo, según meses, 1976-1977                                                                                                 |
| 67          | 37. Petróleo crudo, por meses, según oleoductos, 1977                                                                                                        |
| 69          | <b>I. Transporte urbano de pasajeros</b>                                                                                                                     |
| 70          | 38. Resumen nacional del movimiento de buses, busetas, microbuses y taxis colectivos en las principales ciudades del país, 1976-1977                         |
| 71          | 39. Movimiento de buses en las principales ciudades del país, 1976-1977                                                                                      |
| 72          | 40. Movimiento de busetas en las principales ciudades del país, 1976-1977                                                                                    |
| 73          | 41. Movimiento de microbuses en las principales ciudades del país, 1976-1977                                                                                 |
|             | 42. Movimiento de taxis colectivos, según ciudades, 1976-1977                                                                                                |
| 75          | <b>J. Comunicaciones</b>                                                                                                                                     |
| 78          | 43. Movimiento postal despachado en el interior del país, según gerencias regionales, 1976-1977.                                                             |
|             | 44. Envíos bajo control en el interior y exterior del país, según gerencias regionales, 1976-1977.                                                           |
| 79          | 45. Tráfico telegráfico (interior y exterior), según gerencias regionales, 1976-1977.                                                                        |
| 80          | 46. Tráfico telegráfico mensual (interior y exterior), 1976-1977                                                                                             |
| 81          | 47. Tráfico mensual de MUX, 1976-1977                                                                                                                        |
|             | 48. Tráfico mensual de Télex, 1976-1977                                                                                                                      |
| 82          | 49. Tráfico telefónico de larga distancia en el interior del país, 1976-1977                                                                                 |
| 83          | 50. Desarrollo y composición del servicio telefónico, según secciones del país, 1973-1977                                                                    |

*Un sistema eficiente de transporte y comunicaciones es condición esencial para el desarrollo económico y social de un país. La planificación y ordenación de estos dos sistemas tiene como finalidad proveer una adecuada capacidad de infraestructura para satisfacer la demanda actual y futura de ambos servicios. Los adelantos en uno estimulan el avance del otro. La relación entre el desarrollo del transporte y las comunicaciones es muy estrecha. La telegrafía, el teléfono y el télex han determinado progresos importantes de los diferentes medios de transporte; contribuyen particularmente al mejoramiento de las condiciones de seguridad y eficiencia operativa de la navegación y el transporte aéreo; a su vez el desarrollo de cualquier sistema de transporte crea una demanda para ampliar y mejorar los medios de comunicación. Por lo que representan estos dos sistemas en el ámbito nacional, se hace imprescindible el contar con estadísticas actualizadas y confiables como elemento que permita la preparación de estudios, diagnósticos y planes encaminados a solucionar los problemas que todavía subsisten en estos dos sectores de la economía nacional.*

*El presente anuario contiene información sobre los siguientes medios:*

*ferrocarriles,  
transporte aéreo nacional e internacional,  
carreteras,  
fluvial por el río Magdalena,  
cabotaje,  
marítimo internacional,  
oleoductos,  
urbano de pasajeros y  
comunicaciones (telégrafo, teléfono y télex)*

*Para cada sistema se presentan cifras desagregadas según las variables más importantes comparando su comportamiento en los dos últimos años. En algunos casos se presentan series que reflejan el comportamiento a través de varios años.*



## A - Ferrocarriles

Se presenta información sobre número de pasajeros según divisiones; carga transportada por grupos de productos y artículos principales; ingresos y gastos de explotación según conceptos.

### Pasajeros

En 1977 se transportaron 2.968.107 pasajeros, cifra inferior en 26.5o/o (1.070.026) a la registrada el año anterior; esto se debe a que en todas las divisiones se presentaron reducciones en este rubro así: Antioquia 12.9o/o Central 26.2o/o, Magdalena 25.7o/o, Pacífico 35.0o/o y Santander 13.1o/o.

La división Pacífico transportó el 42.1o/o del total de viajeros, seguida por la Santander que aportó el 20.8o/o, la Central 15.7o/o, Antioquia 13.8o/o y Magdalena 7.6o/o (cuadro 1).

### Carga

Se movilizaron en 1977, 2.875.779 toneladas, los cuales representaron una baja de 3.9o/o respecto al año anterior. El 87.6o/o correspondió a la carga que paga y el 12.4o/o a la que no paga. La participación porcentual por divisiones de la carga que paga (2.518.504 toneladas) fue la siguiente: Antioquia 14.1o/o, Central 28.3o/o, Magdalena 24.0o/o, Pacífico 17.1o/o, y Santander 16.5o/o.

En todas las divisiones, con excepción de las del Pacífico y la Central (que mostraron disminución) se incrementó el transporte de la carga que paga en 1977. El aumento global fue de 4.4o/o con relación al año anterior.

De la carga que paga, según grupos de artículos principales, los productos manufacturados contribuyeron con el 49.4o/o al total transportado, seguidos por los productos de origen agrícola 31.1o/o, productos de minas 14.9o/o, animales 2.3o/o, productos forestales 1.3o/o y otros productos 1.0o/o (cuadros 2, 8 y 8A).

### **Ingresos**

En 1977, los ingresos de explotación de los FFNN ascendieron a \$1.567.935 miles, cifra superior en 27.4o/o a la registrada en 1976. Estos ingresos están constituidos en 74.6o/o por concepto de fletes y 10.6o/o por pasajeros, el 14.8o/o restante se discrimina en fletes libres (6.6o/o), explotaciones varias (5.3o/o) y otros ingresos fuera de explotación (2.9o/o) (cuadro 5).

### **Gastos**

Los gastos de explotación en 1977, fueron de \$2.292.505 miles, representando en términos porcentuales un incremento de 12.7o/o si se comparan con los efectuados en 1976. Como los gastos fueron superiores a los ingresos percibidos durante el año, se presentó una pérdida por explotación de \$724.570 miles, cifra inferior en 9.8o/o a la registrada en 1976 (cuadros 4, 5 y 7).

**CUADRO 1**  
**MOVIMIENTO DE PASAJEROS, SEGUN DIVISIONES**  
**1968 – 1977**

| Divisiones      | Años | Pasajeros que pagan |                     |
|-----------------|------|---------------------|---------------------|
|                 |      | Número de pasajeros | Pasajeros kilómetro |
| RESUMEN GENERAL | 1968 | 3.690.391           | 351.198.391         |
|                 | 1969 | 2.649.697           | 273.280.702         |
|                 | 1970 | 2.099.492           | 235.038.537         |
|                 | 1971 | 2.268.972           | 267.458.507         |
|                 | 1972 | 3.084.456           | 380.137.247         |
|                 | 1973 | 3.142.931           | 410.601.975         |
|                 | 1974 | 3.585.450           | 467.923.150         |
|                 | 1975 | 4.217.460           | 508.225.428         |
|                 | 1976 | 4.038.133           | 510.733.150         |
|                 | 1977 | 2.968.107           | 391.167.000         |
| ANTIOQUIA       | 1968 | 450.419             | 56.707.947          |
|                 | 1969 | 375.463             | 46.237.387          |
|                 | 1970 | 295.970             | 35.263.072          |
|                 | 1971 | 439.948             | 42.913.893          |
|                 | 1972 | 590.719             | 60.837.863          |
|                 | 1973 | 541.883             | 59.652.207          |
|                 | 1974 | 497.868             | 59.603.750          |
|                 | 1975 | 523.450             | 61.540.883          |
|                 | 1976 | 470.981             | 62.997.944          |
|                 | 1977 | 410.370             | 53.271.000          |
| CENTRAL         | 1968 | 1.008.850           | 112.989.018         |
|                 | 1969 | 721.389             | 84.388.094          |
|                 | 1970 | 620.462             | 72.702.244          |
|                 | 1971 | 711.940             | 85.564.008          |
|                 | 1972 | 918.531             | 119.282.214         |
|                 | 1973 | 870.975             | 124.956.703         |
|                 | 1974 | 825.894             | 127.818.543         |
|                 | 1975 | 788.551             | 115.177.301         |
|                 | 1976 | 633.367             | 98.008.337          |
|                 | 1977 | 467.500             | 76.843.000          |

| Divisiones | Años | Pasajeros que pagan |                     |
|------------|------|---------------------|---------------------|
|            |      | Número de pasajeros | Pasajeros kilómetro |
| MAGDALENA  | 1968 | 218.248             | 60.796.213          |
|            | 1969 | 154.263             | 46.472.982          |
|            | 1970 | 175.664             | 50.715.160          |
|            | 1971 | 211.662             | 66.019.310          |
|            | 1972 | 260.238             | 88.446.240          |
|            | 1973 | 219.815             | 96.814.201          |
|            | 1974 | 340.059             | 114.969.813         |
|            | 1975 | 353.340             | 117.541.710         |
|            | 1976 | 303.666             | 113.611.016         |
|            | 1977 | 225.508             | 85.451.000          |
| PACIFICO   | 1968 | 1.587.442           | 80.025.267          |
|            | 1969 | 997.374             | 54.185.276          |
|            | 1970 | 586.178             | 31.031.492          |
|            | 1971 | 472.242             | 24.835.971          |
|            | 1972 | 760.012             | 48.825.724          |
|            | 1973 | 895.995             | 65.163.745          |
|            | 1974 | 1.386.122           | 103.553.111         |
|            | 1975 | 1.894.095           | 143.611.741         |
|            | 1976 | 1.922.137           | 157.827.016         |
|            | 1977 | 1.248.914           | 103.255.000         |
| SANTANDER  | 1968 | 425.432             | 40.679.946          |
|            | 1969 | 401.208             | 41.996.963          |
|            | 1970 | 421.218             | 45.326.569          |
|            | 1971 | 433.180             | 48.125.325          |
|            | 1972 | 554.956             | 62.745.206          |
|            | 1973 | 542.263             | 64.015.119          |
|            | 1974 | 535.507             | 61.977.933          |
|            | 1975 | 658.024             | 70.353.793          |
|            | 1976 | 707.982             | 78.288.837          |
|            | 1977 | 615.815             | 72.347.000          |

Fuente: Ferrocarriles Nacionales de Colombia.

CUADRO 2  
MOVIMIENTO DE CARGA Y GANADO VACUNO, SEGUN DIVISIONES  
1968 - 1977

| Divisiones      | Años | Carga transportada 1/ |                     |                    |                     | Ganado vacuno     |                   |
|-----------------|------|-----------------------|---------------------|--------------------|---------------------|-------------------|-------------------|
|                 |      | Que paga              |                     | Que no paga        |                     |                   |                   |
|                 |      | Toneladas métricas    | Toneladas kilómetro | Toneladas métricas | Toneladas kilómetro | Número de cabezas | Cabezas kilómetro |
| RESUMEN GENERAL | 1968 | 3.239.740             | 1.124.631.891       | 308.605            | 66.707.977          | 308.743           | 59.305.355        |
|                 | 1969 | 3.049.859             | 1.158.740.619       | 291.857            | 58.548.616          | 295.268           | 63.281.837        |
|                 | 1970 | 2.781.148             | 1.172.635.523       | 285.667            | 66.302.666          | 279.525           | 63.038.478        |
|                 | 1971 | 2.653.170             | 1.150.492.073       | 396.471            | 65.463.500          | 233.671           | 48.654.975        |
|                 | 1972 | 2.730.836             | 1.198.486.395       | 341.934*           | 50.198.253 *        | 225.450 *         | 46.724.963 *      |
|                 | 1973 | 2.759.682             | 1.330.767.498       | 305.258*           | 37.438.000 *        | 228.588 *         | 53.289.578 *      |
|                 | 1974 | 2.899.283             | 1.329.190.913       | 480.613*           | 62.048.318 *        | 172.110 *         | 30.266.576 *      |
|                 | 1975 | 2.438.520             | 1.138.509.090       | 484.655*           | 68.191.263 *        | 154.642 *         | 25.962.536 *      |
|                 | 1976 | 2.411.372             | 1.156.940.598       | 580.386*           | 64.983.991 *        | 151.773 *         | 23.699.354 *      |
|                 | 1977 | 2.518.504             | 1.215.382.200       | 357.275*           | 38.798.400 *        | 109.283 *         | 16.393.450 *      |
| ANTIOQUIA       | 1968 | 420.802               | 104.090.660         | 46.599             | 10.072.905          | 117.014           | 23.721.342        |
|                 | 1969 | 403.930               | 113.626.828         | 44.070             | 8.840.841           | 111.907           | 25.312.735        |
|                 | 1970 | 348.206               | 101.493.446         | 43.135             | 10.011.703          | 105.940           | 25.215.391        |
|                 | 1971 | 310.454               | 84.911.867          | 46.387             | 4.844.299           | 43.606            | 6.581.018         |
|                 | 1972 | 286.427               | 79.352.658          | (...)              | (...)               | (...)             | (...)             |
|                 | 1973 | 314.098               | 110.904.582         | (...)              | (...)               | (...)             | (...)             |
|                 | 1974 | 302.364               | 94.863.712          | (...)              | (...)               | (...)             | (...)             |
|                 | 1975 | 279.879               | 89.610.379          | (...)              | (...)               | (...)             | (...)             |
|                 | 1976 | 297.558               | 93.408.929          | (...)              | (...)               | (...)             | (...)             |
|                 | 1977 | 355.206               | 122.684.200         | (...)              | (...)               | (...)             | (...)             |
| CENTRAL         | 1968 | 857.459               | 293.452.068         | 92.582             | 20.012.393          | 34.596            | 11.267.637        |
|                 | 1969 | 854.596               | 318.850.750         | 87.557             | 17.564.585          | 80.903            | 12.023.549        |
|                 | 1970 | 745.625               | 271.103.370         | 85.700             | 19.890.799          | 76.590            | 11.977.311        |
|                 | 1971 | 622.463               | 246.368.300         | 93.171             | 14.009.189          | 82.769            | 7.406.998         |
|                 | 1972 | 654.652               | 268.357.663         | (...)              | (...)               | (...)             | (...)             |
|                 | 1973 | 583.458               | 270.457.996         | (...)              | (...)               | (...)             | (...)             |
|                 | 1974 | 711.836               | 328.837.696         | (...)              | (...)               | (...)             | (...)             |
|                 | 1975 | 709.215               | 378.819.734         | (...)              | (...)               | (...)             | (...)             |
|                 | 1976 | 760.126               | 388.984.972         | (...)              | (...)               | (...)             | (...)             |
|                 | 1977 | 713.076               | 327.198.000         | (...)              | (...)               | (...)             | (...)             |

Disponible únicamente el dato global.



**CUADRO 2**  
**MOVIMIENTO DE CARGA Y GANADO VACUNO, SEGUN DIVISIONES**  
**1966 – 1977**

(Conclusión)

| Divisiones | Años | Carga transportada 1/ |                     |                    |                     | Ganado vacuno     |                   |
|------------|------|-----------------------|---------------------|--------------------|---------------------|-------------------|-------------------|
|            |      | Que paga              |                     | Que no paga        |                     |                   |                   |
|            |      | Toneladas métricas    | Toneladas kilómetro | Toneladas métricas | Toneladas kilómetro | Número de cabezas | Cabezas kilómetro |
| MAGDALENA  | 1968 | 520.177               | 330.646.324         | 70.671             | 15.276.127          | 26.243            | 12.972.188        |
|            | 1969 | 464.000               | 329.092.939         | 66.835             | 13.407.633          | 25.098            | 12.922.777        |
|            | 1970 | 511.698               | 414.838.166         | 65.418             | 15.183.311          | 23.760            | 12.922.888        |
|            | 1971 | 544.698               | 446.410.895         | 81.276             | 25.399.838          | 46.760            | 25.003.975        |
|            | 1972 | 510.811               | 407.002.137         | (...)              | (...)               | (...)             | (...)             |
|            | 1973 | 641.968               | 526.153.711         | (...)              | (...)               | (...)             | (...)             |
|            | 1974 | 653.493               | 515.019.599         | (...)              | (...)               | (...)             | (...)             |
|            | 1975 | 479.140               | 359.950.035         | (...)              | (...)               | (...)             | (...)             |
|            | 1976 | 528.911               | 404.539.220         | (...)              | (...)               | (...)             | (...)             |
|            | 1977 | 604.262               | 496.899.000         | (...)              | (...)               | (...)             | (...)             |
| PACIFICO   | 1968 | 976.617               | 257.775.797         | 51.228             | 11.073.524          | 39.519            | 4.269.842         |
|            | 1969 | 814.933               | 225.577.252         | 48.448             | 9.719.070           | 37.794            | 4.556.292         |
|            | 1970 | 714.507               | 205.698.890         | 47.421             | 11.006.243          | 35.779            | 4.538.770         |
|            | 1971 | 649.368               | 159.976.052         | 97.136             | 9.099.427           | 28.998            | 4.749.679         |
|            | 1972 | 706.759               | 213.901.856         | (...)              | (...)               | (...)             | (...)             |
|            | 1973 | 630.748               | 173.912.824         | (...)              | (...)               | (...)             | (...)             |
|            | 1974 | 623.808               | 140.515.862         | (...)              | (...)               | (...)             | (...)             |
|            | 1975 | 540.579               | 132.507.747         | (...)              | (...)               | (...)             | (...)             |
|            | 1976 | 444.889               | 125.071.199         | (...)              | (...)               | (...)             | (...)             |
|            | 1977 | 430.300               | 113.776.200         | (...)              | (...)               | (...)             | (...)             |
| SANTANDER  | 1968 | 434.685               | 138.667.042         | 47.525             | 10.273.028          | 41.371            | 7.887.346         |
|            | 1969 | 512.400               | 171.592.850         | 44.947             | 9.016.487           | 39.566            | 8.416.484         |
|            | 1970 | 461.112               | 179.501.651         | 43.993             | 10.210.610          | 37.456            | 8.384.118         |
|            | 1971 | 526.187               | 212.824.959         | 78.501             | 12.110.747          | 31.538            | 4.913.305         |
|            | 1972 | 572.187               | 229.872.081         | (...)              | (...)               | (...)             | (...)             |
|            | 1973 | 589.410               | 249.338.385         | (...)              | (...)               | (...)             | (...)             |
|            | 1974 | 607.782               | 249.954.044         | (...)              | (...)               | (...)             | (...)             |
|            | 1975 | 429.707               | 177.621.195         | (...)              | (...)               | (...)             | (...)             |
|            | 1976 | 379.888               | 144.936.278         | (...)              | (...)               | (...)             | (...)             |
|            | 1977 | 415.660               | 154.824.800         | (...)              | (...)               | (...)             | (...)             |

1/ Incluye el peso del ganado.

(...) No hubo información.

Fuente: Ferrocarriles Nacionales de Colombia.

**CUADRO 3**  
**TRAFICO DE CARGA, POR GRUPOS**  
**1972-1977**

| Años | Total     | Total carga que no paga | Carga que paga |                          |                          |                      |                    |                          |                       |
|------|-----------|-------------------------|----------------|--------------------------|--------------------------|----------------------|--------------------|--------------------------|-----------------------|
|      |           |                         | Total          | Productos de agricultura | Animales y sus productos | Productos forestales | Productos de minas | Productos manufacturados | Varios sin clasificar |
|      |           |                         |                |                          |                          |                      |                    |                          |                       |
| 1972 | 1.248.684 | 50.198                  | 1.198.486      | 479.268                  | 23.899                   | 5.694                | 105.128            | 570.868                  | 13.629                |
| 1973 | 1.368.206 | 37.438                  | 1.330.768      | 537.572                  | 26.694                   | 7.317                | 108.693            | 635.488                  | 15.004                |
| 1974 | 1.391.239 | 62.048                  | 1.329.191      | 509.973                  | 15.051                   | 10.065               | 122.889            | 658.678                  | 12.535                |
| 1975 | 1.206.700 | 68.191                  | 1.138.509      | 492.669                  | 13.360                   | 7.812                | 109.693            | 504.229                  | 10.746                |
| 1976 | 1.221.925 | 64.984                  | 1.156.941      | 473.146                  | 13.189                   | 8.587                | 144.682            | 503.128                  | 14.209                |
| 1977 | 1.254.180 | 38.798                  | 1.215.382      | 421.038                  | 9.833                    | 6.049                | 199.714            | 571.139                  | 7.609                 |

**CUADRO 4**  
**GASTOS DE EXPLOTACION, SEGUN CONCEPTOS**  
**1976-1977**

| Conceptos                          | (Miles de pesos) |           |           |           |            |         |          |         |
|------------------------------------|------------------|-----------|-----------|-----------|------------|---------|----------|---------|
|                                    | Total            |           | Personal  |           | Materiales |         | Varios   |         |
|                                    | 1976             | 1977      | 1976      | 1977      | 1976       | 1977    | 1976     | 1977    |
| TOTAL                              | 2.033.383        | 2.292.505 | 1.117.174 | 1.304.562 | 230.865®   | 295.315 | 685.344® | 692.628 |
| Conservación de vías y estructuras | 487.977®         | 560.123   | 336.615   | 362.152   | 71.522     | 96.670  | 79.840   | 101.301 |
| Conservación de equipos            | 292.837®         | 347.146   | 148.548   | 180.860   | 78.289     | 90.609  | 66.000   | 75.677  |
| Gastos de tráfico                  | 37.164®          | 34.987    | 15.004    | 22.036    | 418        | 1.468   | 21.742   | 11.483  |
| Gastos de transporte               | 587.140®         | 718.080   | 460.362   | 565.578   | 70.928     | 97.180  | 55.850   | 55.322  |
| Gastos generales                   | 205.076®         | 233.079   | 153.761   | 170.650   | 8.509      | 7.965   | 42.806   | 54.463  |
| Gastos diferidos diversos          | 423.189          | 399.090   | 2.884     | 3.286     | 1.199      | 1.423   | 419.106  | 394.382 |

**CUADRO 5**  
**INGRESOS DE EXPLOTACION, POR DIVISIONES, SEGUN CONCEPTOS**  
**1976+1977**

| Conceptos                     | (Miles de pesos) |           |          |         |           |         |          |         |           |         |
|-------------------------------|------------------|-----------|----------|---------|-----------|---------|----------|---------|-----------|---------|
|                               | Total            |           | Central  |         | Magdalena |         | Pacífico |         | Santander |         |
|                               | 1976             | 1977      | 1976     | 1977    | 1976      | 1977    | 1976     | 1977    | 1976      | 1977    |
| TOTAL                         | 1.230.313®       | 1.567.935 | 464.507® | 428.742 | 352.610®  | 534.666 | 141.828® | 210.375 | 155.059   | 228.240 |
| Fletes                        | 803.138®         | 1.169.451 | 229.527  | 273.603 | 292.286   | 472.323 | 77.495   | 114.362 | 121.480   | 181.343 |
| Pasajeros                     | 150.330®         | 165.602   | 34.364   | 31.487  | 37.514    | 41.951  | 40.171   | 42.887  | 21.666    | 28.669  |
| Fletes libres                 | 98.341           | 104.161   | 50.360   | 53.597  | 15.908    | 11.704  | 18.942   | 24.302  | 7.787     | 10.894  |
| Explotaciones varias          | 44.854®          | 83.762    | 21.898   | 25.530  | 6.699     | 8.688   | 5.192    | 28.764  | 4.008     | 7.326   |
| Total ingresos de explotación | 1.100.663®       | 1.522.976 | 336.149  | 384.217 | 352.407®  | 534.666 | 141.800  | 210.315 | 154.941   | 228.232 |
| Ingresos fuera de explotación | 129.650®         | 44.959    | 128.358  | 44.525  | 203       | —       | 28       | 60      | 118       | 8       |
|                               |                  |           |          |         |           |         |          |         |           | 943     |
|                               |                  |           |          |         |           |         |          |         |           | 366     |

Fuente: Ferrocarriles Nacionales de Colombia.

**CUADRO 6**  
**INVENTARIO DE EQUIPOS, SEGUN CLASE, A DICIEMBRE 31**  
**1976-1977**

| Clase de equipo               | 1976  | 1977 | Clase de equipo              | 1976  | 1977  |
|-------------------------------|-------|------|------------------------------|-------|-------|
| <b>Equipo de tracción</b>     |       |      | <b>Equipo de carga</b>       |       |       |
| TOTAL                         | 178   | 178  | TOTAL                        | 5.789 | 5.488 |
| Locomotoras diesel            | 169   | 169  | Vagones                      | 2.347 | 2.236 |
| Locomotoras a vapor           | 9     | 9    | Rejas                        | 291   | 236   |
| <b>Equipo de pasajeros</b>    |       |      | Góndolas                     | 1.008 | 933   |
| TOTAL                         | 345 @ | 315  | Plataformas                  | 990   | 901   |
| Coches                        | 247   | 221  | Carro-nevera                 | 11    | 11    |
| Coches--restaurantes y bares  | 24    | 22   | Carro frutero                | 250   | 250   |
| Coches-tren de lujo (literas) | 14    | 13   | Carro tanque                 | 510   | 535   |
| Remolque autoferro            | —     | —    | Otros (carros tolvas)        | 382   | 386   |
| Autoferros comerciales        | 25    | 25   | <b>Red ferroviaria (Km.)</b> |       |       |
| Furgones                      | 35 @  | 34   |                              | 3.403 | 3.403 |

**CUADRO 7**  
**INGRESOS Y GASTOS DE OPERACION, SEGUN CONCEPTOS**  
**1976-1977**

| Conceptos                           | 1976        | 1977      | Aumento o disminución |        |
|-------------------------------------|-------------|-----------|-----------------------|--------|
|                                     |             |           | Cantidad              | o/o    |
| TRAFICO TOTAL                       |             |           |                       |        |
| Kilómetros de vía                   | 3.403       | 3.403     |                       |        |
| Trenes kilómetro total              | 6.928.508   | 6.268.118 | - 660.390             | - 9.5  |
| Promedio por kilómetros de vía      |             |           |                       |        |
| Trenes kilómetro                    | 2.036       | 1.842     | - 194                 | - 9.5  |
| Ingresos de explotación \$          | 361.538 ®   | 460.750   | 99.212                | 27.4   |
| Gastos de explotación \$            | 597.527 ®   | 673.672   | 76.145                | 12.7   |
| Pérdida de explotación \$           | 235.989 ®   | 212.922   | - 23.067              | - 9.8  |
| Promedio por tren kilómetro         |             |           |                       |        |
| Ingresos de explotación \$          | 177.6 ®     | 250.2     | 72.6                  | 40.9   |
| Gastos de explotación \$            | 293.5 ®     | 365.8     | 72.3                  | 24.6   |
| Pérdida de explotación \$           | 115.9 ®     | 115.6     | 0.3                   | 0.3    |
| Total ferrocarriles                 |             |           |                       |        |
| Productos de explotación (miles \$) | 1.230.313 ® | 1.567.935 | 337.622               | 27.4   |
| Gastos de explotación (miles \$)    | 2.033.383   | 2.292.505 | 259.122               | 12.7   |
| Pérdida de explotación (miles \$)   | 803.070 ®   | 724.570   | - 78.500              | - 9.8  |
| Coeeficientes de explotación        | 1.65        | 1.46      | - 0.19                | - 11.5 |
| Salarios pagados (miles \$)         |             |           |                       |        |
| (gastos de personal)                | 1.117.174   | 1.304.562 | 187.388               | 16.8   |
| Relación de salarios a producto     | 90.8        | 83.2      | - 7.6                 | - 8.4  |
| Relación de salarios a gastos       | 54.9        | 56.9      | 2.0                   | 3.6    |

Fuente: Ferrocarriles Nacionales de Colombia

**CUADRO 8**  
**MOVIMIENTO DE CARGA QUE PAGA, SEGUN ARTICULOS PRINCIPALES**  
**1976-1977**

| Artículos principales       | Toneladas métricas |                  |               | Toneladas kilómetro (miles) |                  |               |
|-----------------------------|--------------------|------------------|---------------|-----------------------------|------------------|---------------|
|                             | 1976               | 1977             | Variación o/o | 1976                        | 1977             | Variación o/o |
| <b>TOTAL GENERAL</b>        | <b>2.411.372</b>   | <b>2.518.504</b> | <b>4.4</b>    | <b>1.156.941</b>            | <b>1.215.382</b> | <b>5.1</b>    |
| Total artículos principales | 2.085.054          | 2.007.063        | - 3.7         | 1.006.101                   | 1.015.406        | 0.9           |
| Total otros artículos       | 326.318            | 511.441          | 56.7          | 150.840                     | 199.976          | 32.6          |
| <b>Agricultura</b>          |                    |                  |               |                             |                  |               |
| Total                       | 819.477            | 784.001          | - 4.3         | 473.146                     | 421.038          | - 11.0        |
| Arroz                       | 195.002            | 121.619          | - 37.6        | 118.531                     | 69.983           | - 41.0        |
| Maíz                        | 29.175             | 118.530          | - 306.3       | 9.026                       | 63.847           | 607.4         |
| Trigo                       | 206.981            | 158.051          | - 23.6        | 136.763                     | 96.856           | - 29.2        |
| Banano                      | 47.675             | 39.510           | - 17.1        | 3.330                       | 2.803            | - 15.8        |
| Café                        | 196.179            | 171.494          | - 12.6        | 112.711                     | 81.198           | - 28.0        |
| Algodón                     | 44.918             | 38.057           | - 15.3        | 24.978                      | 22.057           | - 11.7        |
| Cebada                      | 69.245             | 74.542           | 7.7           | 61.284                      | 67.596           | 10.3          |
| Otros                       | 30.302             | 62.198           | 105.3         | 6.523                       | 16.698           | 156.0         |
| <b>Animales</b>             |                    |                  |               |                             |                  |               |
| Total                       | 78.783             | 57.339           | - 27.2        | 13.189                      | 9.833            | - 25.5        |
| Ganado vacuno               | 72.851             | 52.456           | - 28.0        | 11.376                      | 7.908            | - 30.5        |
| Otros                       | 5.932              | 4.883            | - 17.7        | 1.813                       | 1.925            | 6.2           |
| <b>Forestales</b>           |                    |                  |               |                             |                  |               |
| Total                       | 34.807             | 33.523           | - 3.7         | 8.587                       | 6.049            | - 29.6        |
| Maderas aserradas           | 18.663             | 8.495            | - 54.5        | 5.704                       | 2.344            | - 58.9        |
| Otros                       | 16.144             | 25.028           | 55.0          | 2.883                       | 3.705            | 28.5          |
| <b>Minas</b>                |                    |                  |               |                             |                  |               |
| Total                       | 286.942            | 375.414          | 30.8          | 144.682                     | 199.714          | 38.0          |
| Sal                         | 61.676             | 60.928           | - 1.2         | 28.784                      | 26.090           | - 9.4         |
| Arena, piedra o grava       | 67.715             | 44.774           | - 33.9        | 27.462                      | 16.863           | - 38.6        |
| Carbón                      | 80.531             | 129.519          | 60.8          | 47.385                      | 95.094           | 100.7         |
| Asbesto                     | 7.123              | 9.872            | 38.6          | 6.715                       | 8.348            | 24.3          |
| Dolomita                    | 12.335             | 13.862           | 12.4          | 10.348                      | 9.027            | - 12.8        |
| Otros                       | 57.562             | 116.459          | 102.3         | 23.988                      | 44.292           | 84.6          |

**CUADRO 8**  
**MOVIMIENTO DE CARGA QUE PAGA, SEGUN ARTICULOS PRINCIPALES**  
**1976-1977**

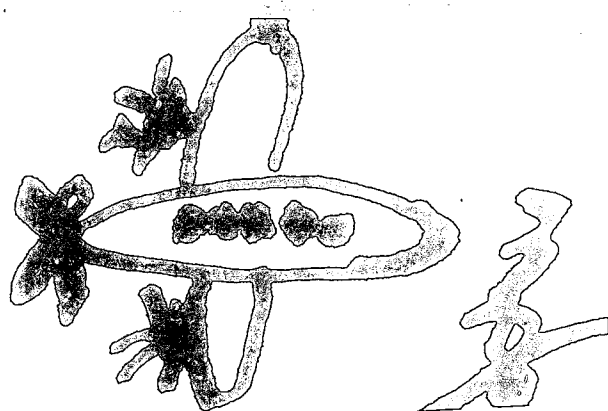
(Conclusión)

| Artículos principales             | Toneladas métricas |           |               | Toneladas kilómetro (miles) |         |               |
|-----------------------------------|--------------------|-----------|---------------|-----------------------------|---------|---------------|
|                                   | 1976               | 1977      | Variación o/o | 1976                        | 1977    | Variación o/o |
| <b>Manufacturados</b>             |                    |           |               |                             |         |               |
| Total                             | 1.156.740          | 1.243.299 | 7.5           | 503.128                     | 571.139 | 13.5          |
| Azúcar                            | 102.206            | 58.569    | - 42.7        | 46.049                      | 34.771  | - 24.5        |
| Panela                            | 9.065              | 3.444     | - 62.0        | 3.930                       | 1.405   | - 64.3        |
| Miel de caña                      | 55.804             | 28.267    | - 49.4        | 12.168                      | 5.632   | - 53.7        |
| Salvado y alimentos para animales | 9.078              | 3.845     | - 57.6        | 5.675                       | 1.702   | - 70.0        |
| Cerveza y bebidas fermentadas     | 24.494             | 23.404    | - 4.5         | 7.822                       | 7.815   | - 0.1         |
| Abonos químicos                   | 187.642            | 245.550   | - 30.9        | 99.016                      | 128.107 | 29.4          |
| Otros productos químicos          | 59.982             | 30.130    | - 49.8        | 29.915                      | 11.585  | - 61.3        |
| Cemento portland blanco           | 110.314            | 78.341    | - 29.0        | 25.197                      | 19.975  | - 20.7        |
| Papel de imprenta                 | 34.273             | 45.542    | 32.9          | 27.060                      | 32.288  | 19.3          |
| Hierro y acero                    | 65.586             | 123.243   | 87.9          | 42.426                      | 86.978  | 105.0         |
| Tubería, accesorios y otros       | 7.626              | 26.356    | 245.6         | 5.301                       | 21.621  | 307.9         |
| Alambre                           | 11.157             | 17.291    | 55.0          | 7.406                       | 11.397  | 53.9          |
| Gasolina en carro-tanque          | 28.880             | 27.063    | - 6.3         | 10.689                      | 10.131  | - 5.2         |
| ACPM en carro-tanque              | 16.048             | 11.835    | - 26.3        | 4.579                       | 3.938   | - 14.0        |
| Fuel-oil en carro-tanque          | 145.888            | 118.852   | - 18.5        | 33.341                      | 24.874  | - 25.4        |
| Kerosene en carro-tanque          | 45.042             | 72.421    | 60.8          | 16.762                      | 27.006  | 61.1          |
| Aceites lubricantes en cajas      | 4.834              | 1.925     | - 60.2        | 1.993                       | 622     | - 68.8        |
| Asfalto en canecas                | 26.893             | 29.233    | 8.7           | 10.045                      | 9.417   | 6.3           |
| Otros manufacturados              | 211.928            | 297.988   | 40.6          | 113.754                     | 131.875 | 15.9          |
| <b>Otros productos</b>            |                    |           |               |                             |         |               |
| Total                             | 34.623             | 24.928    | - 28.0        | 14.209                      | 7.609   | - 46.5        |
| Empaques metálicos usados         | 5.752              | 2.197     | - 61.8        | 2.179                       | 696     | - 68.1        |
| Envases de vidrio y cerámica      | 24.421             | 17.846    | - 26.9        | 10.151                      | 5.432   | - 46.5        |
| Otros                             | 4.450              | 4.885     | 9.8           | 1.879                       | 1.481   | - 21.2        |

**CUADRO 8A**  
**CARGA MOVILIZADA**  
**RESUMEN GENERAL**  
**1976-1977**

| Concepto          | Toneladas métricas |           |               | Toneladas kilómetro (miles) |           |               | Fletes (miles) |           |               |
|-------------------|--------------------|-----------|---------------|-----------------------------|-----------|---------------|----------------|-----------|---------------|
|                   | 1976               | 1977      | Variación o/o | 1976                        | 1977      | Variación o/o | 1976           | 1977      | Variación o/o |
| TOTAL             | 2.991.758          | 2.875.779 | - 3.9         | 1.221.925                   | 1.254.180 | 2.6           | 904.438        | 1.273.611 | 40.8          |
| Carga que paga    | 2.411.372          | 2.518.504 | 4.4           | 1.156.941                   | 1.215.382 | 5.1           | 807.344        | 1.169.451 | 44.9          |
| Carga que no paga | 580.386            | 357.275   | - 38.4        | 64.984                      | 38.798    | - 40.3        | 97.094         | 104.160   | 7.3           |

Fuente: Ferrocarriles Nacionales de Colombia.



## **B-Transporte aéreo nacional**

En el cuadro 10, se presentan los índices mensuales del transporte de pasajeros y carga correspondientes al período 1971–1977, calculados con base en la media mensual de 1970; anteriormente la base utilizada era la media mensual de 1961.

En el cuadro 9, se puede observar el comportamiento del número de pasajeros y carga transportada por las empresas nacionales en 1971–1977 según meses; también se presenta información acerca de las siguientes variables: pasajeros-kilómetro, toneladas-kilómetro, kilómetros recorridos, y horas de vuelo en 1976 y 1977. En los cuadros 11 y 12, aparece el movimiento nacional por los principales aeropuertos del país en cuanto a pasajeros entrados y salidos, y carga embarcada y desembarcada, se comparan las cifras correspondientes a 1977 con las de 1976. Finalmente, en el cuadro 13 se presenta el intercambio de pasajeros y carga entre los principales aeropuertos del país en los mismos años.

### **Pasajeros**

En 1977 se transportaron 4.249.801 pasajeros, cifra superior en 11.6o/o a la de 1976. Los aeropuertos de Bogotá, Medellín, Cali y Barranquilla registraron el mayor movimiento, y concentraron el 65.9o/o del total

de pasajeros entrados y salidos; a Bogotá entraron 1.381.845 pasajeros, cifra equivalente al 32.5o/o del total y salieron 1.385.000 que corresponde al 32.6o/o; le sigue Medellín con el 15.2o/o y 15.6o/o respectivamente; Cali concentró el 10.8o/o tanto en entrados como en salidos, y Barranquilla 7.4o/o y 6.9o/o en los dos conceptos.

### **Carga**

En 1977 se movilizaron 75.438 toneladas de carga, incrementándose en 14.6o/o con relación al año anterior. Bogotá, Barranquilla, Cali y Medellín registraron en conjunto el 75.9o/o del total de carga embarcada y el 66.6o/o de la desembarcada. Los porcentajes correspondientes a cada ciudad son los siguientes: Bogotá 43.9o/o y 31.8o/o, Barranquilla 17.9o/o y 18.3o/o, Cali 8.0o/o y 7.9o/o, y Medellín 6.1o/o y 8.6o/o (cuadros 11 y 12).

**CUADRO 9**  
**MOVIMIENTO DE PASAJEROS Y CARGA**  
**1971-1977**

| Meses | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 |
|-------|------|------|------|------|------|------|------|
|-------|------|------|------|------|------|------|------|

**Pasajeros**

|              |                  |                  |                  |                  |                  |                  |                  |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>TOTAL</b> | <b>2.689.675</b> | <b>2.905.501</b> | <b>2.898.090</b> | <b>2.883.645</b> | <b>3.192.777</b> | <b>3.806.652</b> | <b>4.249.801</b> |
| Enero        | 312.820          | 293.445          | 308.640          | 296.483          | 322.186          | 375.297          | 441.023          |
| Febrero      | 209.749          | 194.330          | 197.875          | 198.463          | 218.053          | 258.612          | 301.359          |
| Marzo        | 201.475          | 210.541          | 206.595          | 208.450          | 248.563          | 259.432          | 286.517          |
| Abril        | 247.805          | 217.156          | 243.217          | 231.137          | 214.009          | 292.125          | 323.459          |
| Mayo         | 206.800          | 214.379          | 208.498          | 212.459          | 221.904          | 269.136          | 299.573          |
| Junio        | 251.173          | 240.357          | 244.070          | 241.718          | 270.949          | 312.441          | 340.063          |
| Julio        | 294.698          | 292.204          | 296.756          | 290.335          | 303.563          | 392.660          | 420.951          |
| Agosto       | 208.443          | 257.553          | 254.012          | 261.820          | 300.870          | 335.408          | 393.418          |
| Septiembre   | 164.260          | 218.555          | 203.074          | 213.453          | 249.270          | 284.445          | 314.109          |
| Octubre      | 182.297          | 231.259          | 216.477          | 209.921          | 247.832          | 308.730          | 333.935          |
| Noviembre    | 179.726          | 227.111          | 227.063          | 226.197          | 258.510          | 307.516          | 343.143          |
| Diciembre    | 230.429          | 308.611          | 291.813          | 293.206          | 337.068          | 410.850          | 452.251          |

**Carga (toneladas métricas)**

|              |               |               |               |               |               |               |               |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>TOTAL</b> | <b>87.837</b> | <b>83.699</b> | <b>81.682</b> | <b>72.666</b> | <b>66.245</b> | <b>65.818</b> | <b>75.438</b> |
| Enero        | 6.707         | 8.475         | 5.435         | 5.503         | 4.814         | 4.778         | 5.067         |
| Febrero      | 7.865         | 5.905         | 5.698         | 5.481         | 5.094         | 4.794         | 5.371         |
| Marzo        | 8.314         | 7.176         | 5.973         | 6.426         | 5.072         | 5.124         | 6.072         |
| Abril        | 7.441         | 8.173         | 6.744         | 6.013         | 5.202         | 4.776         | 5.624         |
| Mayo         | 7.975         | 6.578         | 7.795         | 6.451         | 5.276         | 5.593         | 6.140         |
| Junio        | 6.797         | 6.773         | 6.407         | 6.013         | 5.169         | 4.848         | 5.849         |
| Julio        | 7.006         | 7.173         | 6.739         | 6.411         | 6.069         | 5.343         | 6.287         |
| Agosto       | 6.561         | 6.413         | 6.835         | 6.099         | 6.235         | 5.678         | 6.045         |
| Septiembre   | 7.875         | 5.540         | 6.983         | 6.223         | 5.566         | 5.643         | 6.369         |
| Octubre      | 6.013         | 6.408         | 7.142         | 6.046         | 6.081         | 6.230         | 7.142         |
| Noviembre    | 7.322         | 6.413         | 7.818         | 5.936         | 5.594         | 6.059         | 7.272         |
| Diciembre    | 7.961         | 8.672         | 8.113         | 5.958         | 6.073         | 6.952         | 8.200         |

**CUADRO 9A**  
**COMPORTAMIENTO DE OTRAS VARIABLES**  
**1976-1977**

| Meses        | 1976                 | 1977                 | 1976                | 1977              | 1976                  | 1977              | 1976           | 1977          |
|--------------|----------------------|----------------------|---------------------|-------------------|-----------------------|-------------------|----------------|---------------|
|              | Pasajeros-kilómetro  |                      | Toneladas-kilómetro |                   | Kilómetros recorridos |                   | Horas de vuelo |               |
| <b>TOTAL</b> | <b>1.724.158.328</b> | <b>1.970.880.883</b> | <b>37.208.209</b>   | <b>42.856.673</b> | <b>37.219.133</b>     | <b>38.850.584</b> | <b>98.976</b>  | <b>10.846</b> |
| Enero        | 183.657.772          | 204.000.018          | 2.733.920           | 2.655.406         | 3.327.856             | 3.797.767         | 8.497          | 9.893         |
| Febrero      | 117.468.751          | 135.870.962          | 2.721.436           | 2.791.324         | 2.592.061             | 3.175.844         | 6.945          | 8.353         |
| Marzo        | 115.435.060          | 128.898.184          | 2.890.856           | 3.060.231         | 2.884.801             | 2.908.079         | 7.603          | 7.802         |
| Abril        | 134.102.062          | 154.848.235          | 3.775.423           | 2.799.720         | 2.769.692             | 3.110.846         | 7.780          | 8.186         |
| Mayo         | 117.745.124          | 132.214.628          | 2.873.688           | 3.109.174         | 2.778.505             | 3.096.957         | 7.611          | 8.341         |
| Junio        | 153.244.751          | 159.396.205          | 2.600.862           | 3.013.255         | 2.882.581             | 3.164.231         | 7.971          | 8.111         |
| Julio        | 184.724.549          | 201.977.461          | 2.733.978           | 3.314.880         | 3.390.790             | 3.548.940         | 8.744          | 9.051         |
| Agosto       | 149.033.712          | 183.801.210          | 3.013.707           | 3.259.338         | 3.319.297             | 3.418.867         | 8.496          | 8.799         |
| Septiembre   | 120.241.064          | 141.451.069          | 3.069.636           | 4.402.114         | 2.878.449             | 2.815.497         | 7.929          | 7.798         |
| Octubre      | 143.097.468          | 155.294.018          | 3.478.968           | 4.908.617         | 3.336.943             | 3.015.661         | 8.405          | 8.145         |
| Noviembre    | 134.213.335          | 160.631.635          | 3.370.007           | 4.559.655         | 3.126.826             | 3.078.172         | 8.265          | 8.434         |
| Diciembre    | 180.194.680          | 212.497.258          | 3.945.728           | 4.982.949         | 3.931.332             | 3.715.723         | 10.730         | 9.933         |

Fuente: DANE - Tabulados de transporte aéreo.



**CUADRO 10**  
**INDICES MENSUALES DEL TRANSPORTE**  
**DE PASAJEROS Y CARGA 1971-1977**

(Base: media mensual de 1970=100)

| Meses            | 1971  | 1972  | 1973  | 1974  | 1975  | 1976  | 1977  |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| <b>Pasajeros</b> |       |       |       |       |       |       |       |
| Enero            | 133.4 | 125.1 | 131.6 | 126.4 | 137.4 | 160.0 | 188.0 |
| Febrero          | 89.4  | 82.8  | 84.4  | 84.6  | 93.0  | 110.2 | 128.5 |
| Marzo            | 85.9  | 89.8  | 88.1  | 88.9  | 106.0 | 110.6 | 122.1 |
| Abril            | 105.6 | 92.6  | 103.7 | 98.5  | 91.2  | 124.5 | 137.9 |
| Mayo             | 88.2  | 91.4  | 88.9  | 90.6  | 94.6  | 114.7 | 127.7 |
| Junio            | 107.1 | 102.5 | 104.0 | 103.0 | 115.5 | 133.2 | 145.0 |
| Julio            | 125.6 | 124.6 | 126.5 | 123.8 | 129.4 | 167.4 | 179.5 |
| Agosto           | 88.9  | 109.8 | 108.3 | 111.6 | 128.3 | 143.0 | 167.7 |
| Septiembre       | 70.0  | 93.2  | 86.6  | 91.0  | 106.3 | 121.3 | 133.9 |
| Octubre          | 77.7  | 98.6  | 92.3  | 89.5  | 105.7 | 131.6 | 142.4 |
| Noviembre        | 76.6  | 96.8  | 96.8  | 96.4  | 110.2 | 131.1 | 146.3 |
| Diciembre        | 98.2  | 131.6 | 124.4 | 125.0 | 143.7 | 175.1 | 192.8 |
| <b>Carga</b>     |       |       |       |       |       |       |       |
| Enero            | 85.9  | 108.5 | 69.6  | 70.5  | 61.6  | 61.2  | 64.9  |
| Febrero          | 100.7 | 75.6  | 73.0  | 70.2  | 65.2  | 61.4  | 68.8  |
| Marzo            | 106.5 | 91.9  | 76.5  | 82.3  | 64.9  | 65.6  | 77.7  |
| Abril            | 94.9  | 104.6 | 86.4  | 77.0  | 66.6  | 61.2  | 72.0  |
| Mayo             | 102.1 | 84.2  | 99.8  | 82.6  | 67.6  | 71.6  | 78.6  |
| Junio            | 87.0  | 86.7  | 82.0  | 77.0  | 66.2  | 62.1  | 74.9  |
| Julio            | 89.7  | 91.8  | 86.3  | 82.1  | 77.7  | 68.4  | 80.5  |
| Agosto           | 84.0  | 82.1  | 87.5  | 78.1  | 79.8  | 72.7  | 77.4  |
| Septiembre       | 100.8 | 70.9  | 89.4  | 79.8  | 71.3  | 72.3  | 81.5  |
| Octubre          | 77.0  | 82.1  | 91.4  | 78.7  | 77.9  | 79.8  | 91.4  |
| Noviembre        | 93.8  | 82.1  | 100.1 | 76.3  | 71.6  | 77.6  | 93.1  |
| Diciembre        | 101.9 | 111.0 | 103.9 | 76.3  | 77.8  | 89.0  | 105.0 |

Fuente: DANE - Tabulados de transporte aéreo nacional.

**CUADRO 11**  
**MOVIMIENTO DE PASAJEROS POR LOS PRINCIPALES**  
**AEROPUERTOS DEL PAIS 1976-1977**

| Aeropuertos     | Número de pasajeros que pagan |              |               |              |
|-----------------|-------------------------------|--------------|---------------|--------------|
|                 | 1976                          |              | 1977          |              |
|                 | Entra-<br>dos                 | Salí-<br>dos | Entra-<br>dos | Salí-<br>dos |
| TOTAL           | 3.806.652                     | 3.806.652    | 4.249.801     | 4.249.801    |
| Bogotá          | 1.264.062                     | 1.240.835    | 1.381.845     | 1.385.008    |
| Barranquilla    | 290.345                       | 279.298      | 314.806       | 292.941      |
| Cali            | 413.105                       | 417.011      | 459.691       | 458.500      |
| Cartagena       | 179.936                       | 185.993      | 197.324       | 204.073      |
| Medellín        | 568.621                       | 570.670      | 644.866       | 661.564      |
| San Andrés      | 117.782                       | 117.334      | 141.170       | 135.953      |
| Santa Marta     | 81.798                        | 87.026       | 93.096        | 98.254       |
| Leticia         | 10.017                        | 10.449       | 10.273        | 9.564        |
| Villavicencio   | 29.825                        | 37.359       | 33.640        | 40.351       |
| Bucaramanga     | 110.913                       | 108.304      | 122.416       | 115.656      |
| Barrancabermeja | 15.685                        | 16.451       | 19.887        | 21.169       |
| Cúcuta          | 182.426                       | 195.901      | 227.485       | 233.322      |
| Florencia       | 16.103                        | 15.564       | 17.321        | 16.426       |
| Ipiiales        | 11.412                        | 10.593       | 11.663        | 9.037        |
| Manizales       | 25.953                        | 26.133       | 29.793        | 29.496       |
| Montería        | 38.823                        | 37.993       | 45.944        | 43.848       |
| Neiva           | 12.016                        | 13.936       | 15.600        | 15.543       |
| Pasto           | 47.927                        | 46.624       | 51.668        | 53.111       |
| Pereira         | 154.885                       | 159.979      | 173.993       | 176.653      |
| Quibdó          | 16.530                        | 16.527       | 17.811        | 18.456       |
| Valledupar      | 43.867                        | 44.856       | 52.337        | 54.808       |
| Otros           | 174.621                       | 167.816      | 187.172       | 176.068      |

Fuente: DANE - Tabulados de transporte aéreo.

**CUADRO 12**  
**MOVIMIENTO DE CARGA POR LOS PRINCIPALES**  
**AEROPUERTOS DEL PAIS 1976-1977**

| Aeropuertos     | Carga que paga en toneladas métricas |                   |                |                   |
|-----------------|--------------------------------------|-------------------|----------------|-------------------|
|                 | 1976                                 |                   | 1977           |                   |
|                 | Embar-<br>cada                       | Desem-<br>barcada | Embar-<br>cada | Desem-<br>barcada |
| TOTAL           | 65.818                               | 65.818            | 75.438         | 75.438            |
| Bogotá          | 28.097                               | 19.876            | 33.101         | 23.962            |
| Barranquilla    | 10.380                               | 9.825             | 13.477         | 13.827            |
| Cali            | 5.445                                | 5.514             | 6.022          | 5.971             |
| Cartagena       | 2.892                                | 3.880             | 2.369          | 3.413             |
| Medellín        | 4.511                                | 6.000             | 4.648          | 6.448             |
| San Andrés      | 280                                  | 2.355             | 438            | 2.891             |
| Santa Marta     | 912                                  | 933               | 1.076          | 938               |
| Leticia         | 1.867                                | 1.653             | 2.282          | 1.899             |
| Villavicencio   | 815                                  | 571               | 996            | 575               |
| Bucaramanga     | 584                                  | 1.211             | 677            | 1.272             |
| Barrancabermeja | 143                                  | 338               | 81             | 285               |
| Cúcuta          | 2.787                                | 4.213             | 3.263          | 4.718             |
| Florencia       | 119                                  | 148               | 188            | 217               |
| Ipiiales        | 75                                   | 129               | 14             | 40                |
| Manizales       | 64                                   | 68                | 75             | 89                |
| Montería        | 308                                  | 816               | 244            | 896               |
| Neiva           | 310                                  | 440               | 163            | 144               |
| Pasto           | 68                                   | 392               | 252            | 503               |
| Pereira         | 963                                  | 1.321             | 917            | 1.456             |
| Quibdó          | 121                                  | 137               | 133            | 154               |
| Valledupar      | 208                                  | 583               | 37             | 352               |
| Otros           | 4.869                                | 5.415             | 4.985          | 5.388             |

**CUADRO 13**  
**INTERCAMBIO DE PASAJEROS Y CARGA ENTRE LOS PRINCIPALES AEROPUERTOS DEL PAIS**  
**1976-1977**

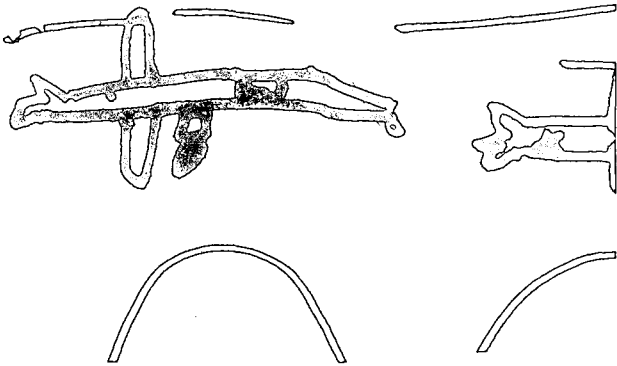
| De:                  | Entre los aeropuertos<br>Para: | Número de pasajeros |         | Carga en toneladas métricas |        |
|----------------------|--------------------------------|---------------------|---------|-----------------------------|--------|
|                      |                                | 1976                | 1977    | 1976                        | 1977   |
| BOGOTA               | Barrancabermeja                | 14.051              | 13.830  | 292                         | 249    |
|                      | Barranquilla                   | 149.711             | 169.537 | 7.731                       | 11.843 |
|                      | Bucaramanga                    | 60.833              | 68.213  | 816                         | 847    |
|                      | Cali                           | 242.011             | 264.124 | 3.851                       | 4.402  |
|                      | Cartagena                      | 105.141             | 109.718 | 2.860                       | 2.343  |
|                      | Cúcuta                         | 110.053             | 129.487 | 1.761                       | 1.834  |
|                      | Medellín                       | 142.500             | 263.759 | 3.727                       | 4.026  |
|                      | Pereira                        | 79.352              | 90.597  | 854                         | 986    |
|                      | San Andrés (Islas)             | 52.445              | 61.416  | 1.298                       | 1.335  |
|                      | Santa Marta                    | 49.433              | 54.771  | 666                         | 707    |
| MEDELLIN             | Barranquilla                   | 44.173              | 50.820  | 607                         | 566    |
|                      | Bogotá                         | 248.199             | 273.798 | 1.623                       | 1.591  |
|                      | Cali                           | 63.542              | 71.422  | 458                         | 432    |
|                      | Cartagena                      | 28.027              | 35.704  | 292                         | 255    |
|                      | Montería                       | 19.001              | 20.913  | 189                         | 172    |
|                      | Pereira                        | 38.425              | 43.012  | 198                         | 204    |
|                      | San Andrés (Islas)             | 16.034              | 18.796  | 283                         | 427    |
| CALI                 | Barranquilla                   | 17.495              | 18.004  | 805                         | 917    |
|                      | Bogotá                         | 244.584             | 259.618 | 2.753                       | 3.286  |
|                      | Ipiales                        | 8.421               | 5.915   | 114                         | 13     |
|                      | Medellín                       | 62.993              | 70.783  | 545                         | 541    |
|                      | Pasto                          | 19.339              | 21.248  | 76                          | 151    |
|                      | San Andrés (Islas)             | 16.236              | 25.285  | 297                         | 264    |
|                      | Tumaco                         | 8.630               | 8.083   | 156                         | 122    |
| BARRANQUILLA         | Bogotá                         | 146.058             | 153.466 | 7.701                       | 10.791 |
|                      | Cali                           | 16.821              | 16.534  | 593                         | 532    |
|                      | Cartagena                      | 3.392               | 3.559   | 172                         | 248    |
|                      | Cúcuta                         | 12.886              | 16.059  | 182                         | 233    |
|                      | Medellín                       | 44.847              | 47.265  | 667                         | 626    |
|                      | San Andrés (Islas)             | 12.039              | 13.373  | 342                         | 709    |
|                      | Valledupar                     | 20.569              | 21.394  | 229                         | 45     |
| BUCARAMANGA          | Barrancabermeja                | 1.179               | 829     | 24                          | 12     |
|                      | Barranquilla                   | 12.387              | 13.959  | 111                         | 114    |
|                      | Bogotá                         | 59.131              | 64.877  | 295                         | 352    |
|                      | Cúcuta                         | 8.378               | 10.716  | 14                          | 17     |
|                      | Medellín                       | 16.122              | 14.441  | 98                          | 141    |
| SAN ANDRES<br>(ISLA) | Barranquilla                   | 10.762              | 12.448  | 30                          | 77     |
|                      | Bogotá                         | 53.181              | 59.984  | 179                         | 258    |
|                      | Cali                           | 16.891              | 24.568  | 16                          | 32     |
|                      | Medellín                       | 15.495              | 17.972  | 32                          | 43     |

**CUADRO 13**  
**INTERCAMBIO DE PASAJEROS Y CARGA ENTRE LOS PRINCIPALES AEROPUERTOS DEL PAIS**  
**1976-1977**

(Conclusión)

| Entre los aeropuertos<br>De: Para: |                    | Número de pasajeros |         | Carga en toneladas métricas |       |
|------------------------------------|--------------------|---------------------|---------|-----------------------------|-------|
|                                    |                    | 1976                | 1977    | 1976                        | 1977  |
| CUCUTA                             | Arauca             | 8.869               | 9.769   | 73                          | 93    |
|                                    | Barranquilla       | 16.467              | 17.841  | 221                         | 203   |
|                                    | Bogotá             | 116.871             | 129.658 | 403                         | 473   |
|                                    | Bucaramanga        | 9.046               | 11.673  | 9                           | 18    |
|                                    | Medellín           | 27.013              | 39.358  | 213                         | 390   |
| CARTAGENA                          | Barranquilla       | 5.486               | 6.944   | 36                          | 31    |
|                                    | Bogotá             | 106.691             | 113.306 | 2.250                       | 1.843 |
|                                    | Cali               | 10.782              | 11.765  | 124                         | 79    |
|                                    | Medellín           | 28.005              | 34.205  | 211                         | 133   |
|                                    | San Andrés (Islas) | 11.258              | 12.920  | 97                          | 141   |
| PEREIRA                            | Bogotá             | 83.582              | 95.549  | 547                         | 502   |
|                                    | Cali               | 16.400              | 17.929  | 70                          | 58    |
|                                    | Medellín           | 39.425              | 42.889  | 139                         | 224   |
| BARRANCABERMEJA                    | Barranquilla       | 16                  | 404     | 1                           | —     |
|                                    | Bogotá             | 15.561              | 14.508  | 119                         | 61    |
|                                    | Bucaramanga        | 45                  | 406     | —                           | 1     |
|                                    | Medellín           | 421                 | 4.906   | —                           | 1     |
| SANTA MARTA                        | Barranquilla       | 359                 | 398     | 6                           | 14    |
|                                    | Bogotá             | 52.145              | 57.088  | 669                         | 745   |
|                                    | Medellín           | 12.838              | 15.978  | 89                          | 115   |
| PASTO                              | Bogotá             | 24.803              | 29.268  | 55                          | 172   |
|                                    | Cali               | 18.785              | 22.869  | 8                           | 78    |
| MANIZALES                          | Bogotá             | 15.952              | 18.322  | 41                          | 49    |
|                                    | Medellín           | 10.161              | 11.174  | 23                          | 25    |
| MONTERIA                           | Medellín           | 17.868              | 19.243  | 74                          | 65    |
| NEIVA                              | Bogotá             | 8.172               | 8.834   | 14                          | 18    |
| FLORENCIA                          | Bogotá             | 8.024               | 7.621   | 31                          | 37    |
| LETICIA                            | Bogotá             | 10.385              | 9.125   | 1.858                       | 2.257 |
| VILLAVICENCIO                      | Bogotá             | 233                 | 190     | 31                          | 29    |

Fuente: DANE - Tabulados de transporte aéreo nacional.



## C-Transporte aéreo internacional

Esta información aparece en los cuadros 14 a 22. Como en el caso del transporte aéreo nacional, la base de los índices que se presentan es la media mensual de 1970; se incluyen cifras mensuales de 1971 a 1977 sobre pasajeros entrados y salidos, y carga importada y exportada a través de empresas nacionales y extranjeras. Adicionalmente, en el caso de las empresas nacionales, se cuenta con otros indicadores, tales como: pasajeros-kilómetro, toneladas-kilómetro, kilómetros recorridos, y horas de vuelo. También se registra el movimiento de pasajeros y carga de los aeropuertos internacionales de nuestro país hacia el exterior y viceversa, así como el movimiento de pasajeros, carga y correo, según que las naves sean nacionales o extranjeras.

### Pasajeros

En 1977 entraron al país, procedentes de Norte, Centro, Sur América y Europa, 509.542 pasajeros y salieron con destino a esas zonas 531.570, con un incremento respecto a 1976 de 8.2o/o y 7.4o/o respectivamente. Las empresas nacionales transportaron el 53.0o/o de los pasajeros entrados y el 52.7o/o de los salidos.

De los pasajeros llegados del exterior, 183.468 (36.0o/o) vinieron de Norte América; 154.794 (30.4o/o) de Centro América; 138.160 (27.1o/o) de Sur América y 33.120 (6.5o/o) de Europa. De nuestro país a Norte

América, partieron 190.900 pasajeros (35.9o/o); a Centro América 162.967 (30.7o/o); a Sur América 143.140 (26.9o/o) y a Europa 34.563 (6.5o/o).

El aeropuerto que mayor flujo internacional registró en 1977 fue el de Bogotá con el 64.3o/o de los pasajeros entrados y el 64.3o/o de los salidos al exterior. Le siguen en importancia el de Barranquilla (10.9o/o y 11.7o/o respectivamente) y San Andrés (7.8o/o y 8.1o/o).

### **Carga**

En 1977 se efectuaron, empleando el medio de transporte aéreo, importaciones por un total de 34.644 toneladas y exportaciones por 36.535; comparadas estas cifras con las registradas durante 1976, se observan incrementos de 43.6o/o en el primer rubro y de 36.8o/o para el segundo.

Las empresas nacionales movilizaron 28.067 toneladas de la carga importada y 28.215 toneladas de la exportada, cifras equivalentes al 81.0o/o y 77.2o/o del total, respectivamente.

Del total de la carga entrada del exterior por vía aérea 23.325 toneladas llegaron procedentes de Norte América (67.3o/o); a su vez, del total exportado, 23.014 toneladas salieron con destino a esa zona (63.0o/o).

Por el aeropuerto de Bogotá se importaron 19.978 toneladas y se exportaron 28.600; estas cantidades representaron en su orden el 57.7o/o y 78.3o/o del total importado y exportado por vía aérea. Le siguió en importancia el aeropuerto de Barranquilla con el 14.4o/o y el 6.1o/o de los dos conceptos.

### **Correo**

Durante 1977 entraron al país 1.110 toneladas de correo, de las cuales el 81.7o/o fue transportado por empresas extranjeras; ocurrió lo contrario con el correo que salió hacia el exterior, pues de un total de 530 toneladas, el 72.2o/o fue transportado en naves nacionales.

**CUADRO 14**  
**MOVIMIENTO DE PASAJEROS Y CARGA POR EMPRESAS NACIONALES E INTERNACIONALES**  
**1971-1977**

| Meses                                  | 1971       | 1972       | 1973       | 1974       | 1975       | 1976       | 1977       |
|----------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Pasajeros entrados del exterior</b> |            |            |            |            |            |            |            |
| TOTAL                                  | 249.497    | 289.275    | 333.039    | 398.020    | 440.896    | 470.958    | 509.542    |
| Enero                                  | 22.619     | 24.333     | 26.971     | 31.533     | 37.666     | 37.559     | 45.846     |
| Febrero                                | 18.284     | 20.462     | 23.810     | 30.443     | 34.793     | 34.906     | 38.035     |
| Marzo                                  | 16.839     | 19.191     | 23.875     | 27.837     | 34.736     | 31.444     | 36.028     |
| Abril                                  | 17.024     | 20.587     | 22.394     | 25.430     | 27.842     | 31.968     | 37.832     |
| Mayo                                   | 16.582     | 17.248     | 20.599     | 24.210     | 27.855     | 30.358     | 32.470     |
| Junio                                  | 20.723     | 22.705     | 30.831     | 34.966     | 33.799     | 33.483     | 36.977     |
| Julio                                  | 34.877     | 37.798     | 41.347     | 44.807     | 51.727     | 55.373     | 67.118     |
| Agosto                                 | 24.089     | 28.569     | 34.608     | 41.331     | 45.600     | 44.766     | 50.216     |
| Septiembre                             | 18.009     | 24.038     | 23.266     | 29.860     | 30.816     | 31.784     | 34.985     |
| Octubre                                | 18.286     | 21.067     | 22.633     | 30.981     | 34.724     | 35.867     | 37.168     |
| Noviembre                              | 17.110     | 22.573     | 26.523     | 32.088     | 35.181     | 35.251     | 39.107     |
| Diciembre                              | 25.055     | 30.704     | 36.182     | 44.534     | 46.157     | 68.199     | 53.760     |
| <b>Pasajeros salidos al exterior</b>   |            |            |            |            |            |            |            |
| TOTAL                                  | 271.029    | 306.666    | 351.723    | 416.873    | 450.037    | 494.758    | 531.570    |
| Enero                                  | 23.020     | 25.495     | 27.372     | 33.628     | 39.747     | 38.849     | 46.568     |
| Febrero                                | 19.550     | 22.500     | 26.062     | 31.574     | 35.184     | 34.149     | 37.621     |
| Marzo                                  | 21.262     | 23.416     | 27.782     | 32.936     | 37.461     | 36.194     | 41.604     |
| Abril                                  | 19.959     | 23.713     | 25.490     | 28.949     | 30.332     | 35.000     | 41.381     |
| Mayo                                   | 20.165     | 20.639     | 24.108     | 27.995     | 30.295     | 33.470     | 35.809     |
| Junio                                  | 24.741     | 26.897     | 33.156     | 39.219     | 36.412     | 41.622     | 48.849     |
| Julio                                  | 29.649     | 35.129     | 38.645     | 40.172     | 47.121     | 45.196     | 55.721     |
| Agosto                                 | 29.296     | 23.275     | 37.065     | 45.395     | 48.973     | 48.480     | 54.113     |
| Septiembre                             | 23.298     | 29.136     | 29.032     | 34.760     | 36.012     | 36.407     | 40.984     |
| Octubre                                | 20.714     | 23.439     | 24.461     | 31.429     | 32.541     | 34.484     | 37.122     |
| Noviembre                              | 16.871     | 23.699     | 26.913     | 30.594     | 34.577     | 34.730     | 39.303     |
| Diciembre                              | 22.504     | 29.328     | 31.637     | 40.222     | 41.382     | 76.177     | 52.495     |
| <b>Carga importada (kilos)</b>         |            |            |            |            |            |            |            |
| TOTAL                                  | 10.044.357 | 10.052.339 | 11.019.986 | 18.785.895 | 20.954.362 | 24.118.393 | 34.643.882 |
| Enero                                  | 615.397    | 1.348.190  | 638.445    | 1.356.460  | 1.372.929  | 1.450.862  | 1.847.235  |
| Febrero                                | 1.606.905  | 673.923    | 552.645    | 1.130.307  | 1.504.428  | 1.403.927  | 2.279.707  |
| Marzo                                  | 896.379    | 816.991    | 750.922    | 1.588.973  | 1.934.405  | 1.793.722  | 2.465.339  |
| Abril                                  | 1.552.557  | 900.242    | 1.045.290  | 1.517.725  | 2.028.877  | 1.843.066  | 2.436.088  |
| Mayo                                   | 825.632    | 578.505    | 1.085.748  | 1.564.586  | 1.801.653  | 1.790.345  | 2.500.407  |
| Junio                                  | 541.330    | 757.519    | 755.799    | 1.667.751  | 1.816.187  | 1.973.131  | 2.638.232  |
| Julio                                  | 667.934    | 922.306    | 1.109.866  | 1.810.726  | 1.705.571  | 2.151.052  | 2.955.307  |
| Agosto                                 | 542.772    | 979.745    | 1.049.168  | 1.664.816  | 1.749.527  | 2.671.621  | 3.302.730  |
| Septiembre                             | 956.017    | 573.397    | 986.453    | 1.581.919  | 1.948.302  | 2.391.127  | 3.397.732  |
| Octubre                                | 569.433    | 621.448    | 860.586    | 1.531.157  | 1.566.642  | 2.077.380  | 3.408.599  |
| Noviembre                              | 499.448    | 710.883    | 1.002.271  | 1.718.646  | 1.670.651  | 2.059.374  | 3.478.412  |
| Diciembre                              | 770.553    | 1.169.190  | 1.182.793  | 1.652.829  | 1.855.190  | 2.512.786  | 3.934.094  |
| <b>Carga exportada (kilos)</b>         |            |            |            |            |            |            |            |
| TOTAL                                  | 14.477.181 | 17.898.626 | 19.683.344 | 26.974.428 | 27.249.195 | 26.709.573 | 36.535.009 |
| Enero                                  | 1.175.526  | 2.536.381  | 913.958    | 1.810.264  | 2.409.695  | 1.838.814  | 2.395.448  |
| Febrero                                | 1.126.435  | 1.019.213  | 1.053.598  | 1.914.835  | 1.974.734  | 2.166.028  | 2.677.716  |
| Marzo                                  | 1.451.926  | 1.587.313  | 1.150.519  | 2.082.588  | 2.014.033  | 2.202.133  | 3.052.128  |
| Abril                                  | 962.092    | 2.173.829  | 2.121.965  | 2.221.517  | 2.578.251  | 2.203.742  | 2.976.000  |
| Mayo                                   | 1.018.535  | 1.138.883  | 2.183.020  | 2.332.237  | 2.432.788  | 2.134.966  | 3.021.684  |
| Junio                                  | 670.609    | 1.238.464  | 1.162.029  | 2.176.773  | 2.399.458  | 1.933.590  | 2.704.202  |
| Julio                                  | 922.522    | 1.616.048  | 1.288.474  | 2.058.130  | 2.222.088  | 1.774.044  | 2.694.608  |
| Agosto                                 | 860.608    | 1.182.059  | 1.934.187  | 2.301.135  | 2.081.965  | 2.178.253  | 2.802.290  |
| Septiembre                             | 2.427.948  | 1.152.738  | 1.802.594  | 2.429.515  | 2.478.579  | 2.229.832  | 3.251.096  |
| Octubre                                | 1.067.249  | 1.102.912  | 1.962.351  | 2.586.561  | 2.318.082  | 2.576.069  | 3.492.042  |
| Noviembre                              | 1.185.322  | 1.039.025  | 2.118.615  | 2.291.043  | 2.210.685  | 2.584.339  | 3.717.373  |
| Diciembre                              | 1.608.409  | 2.111.761  | 1.992.034  | 2.769.830  | 2.128.837  | 2.887.763  | 3.750.422  |

Fuente: DANE - Tabulados del movimiento aéreo.

**CUADRO 15**  
**INDICES MENSUALES DEL TRANSPORTE DE PASAJEROS Y CARGA**  
**POR EMPRESAS NACIONALES E INTERNACIONALES 1971-1977**

(Base: media mensual de 1970 = 100)

| Meses            | 1971      |          | 1972      |          | 1973      |          | 1974      |          | 1975      |          | 1976      |          | 1977      |          |
|------------------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
|                  | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos |
| <b>Pasajeros</b> |           |          |           |          |           |          |           |          |           |          |           |          |           |          |
| Enero            | 121.4     | 113.5    | 130.6     | 125.7    | 144.8     | 135.0    | 169.3     | 165.8    | 202.2     | 196.0    | 201.6     | 191.6    | 246.1     | 229.7    |
| Febrero          | 98.2      | 96.4     | 109.9     | 111.0    | 127.8     | 128.5    | 163.4     | 155.7    | 186.8     | 173.5    | 187.4     | 168.4    | 204.2     | 185.5    |
| Marzo            | 90.4      | 104.9    | 103.0     | 115.5    | 128.2     | 137.0    | 149.5     | 162.4    | 186.5     | 184.7    | 168.8     | 178.5    | 193.4     | 205.2    |
| Abril            | 91.4      | 98.4     | 110.5     | 116.9    | 120.2     | 125.7    | 136.5     | 142.8    | 149.5     | 149.6    | 171.6     | 172.6    | 203.1     | 204.1    |
| Mayo             | 89.0      | 99.4     | 92.6      | 101.8    | 110.6     | 118.9    | 130.0     | 138.1    | 149.5     | 149.4    | 163.0     | 165.1    | 174.3     | 176.6    |
| Junio            | 111.3     | 122.0    | 121.9     | 132.6    | 165.5     | 163.5    | 187.7     | 193.4    | 181.5     | 179.6    | 179.8     | 205.3    | 198.5     | 240.9    |
| Julio            | 187.2     | 146.2    | 202.9     | 173.2    | 222.0     | 190.6    | 240.6     | 198.1    | 277.7     | 232.4    | 297.3     | 222.9    | 360.3     | 274.8    |
| Agosto           | 129.3     | 144.5    | 153.4     | 114.8    | 185.8     | 182.8    | 221.9     | 223.9    | 244.8     | 241.5    | 240.3     | 239.1    | 269.6     | 266.9    |
| Septiembre       | 96.7      | 114.9    | 129.1     | 143.7    | 124.9     | 143.2    | 160.3     | 171.4    | 165.4     | 177.6    | 170.6     | 179.5    | 187.8     | 202.1    |
| Octubre          | 98.2      | 102.2    | 113.1     | 115.6    | 121.5     | 120.6    | 166.3     | 155.0    | 186.4     | 160.5    | 192.6     | 170.1    | 199.5     | 183.1    |
| Noviembre        | 91.9      | 83.2     | 121.2     | 116.9    | 142.4     | 132.7    | 172.3     | 150.9    | 188.9     | 170.5    | 189.3     | 171.3    | 210.0     | 193.8    |
| Diciembre        | 134.5     | 111.0    | 164.8     | 144.6    | 194.3     | 156.0    | 239.1     | 198.4    | 247.8     | 204.1    | 366.1     | 375.7    | 288.6     | 258.9    |

| Meses        | 1971       |            | 1972       |            | 1973       |            | 1974       |            | 1975       |            | 1976       |            | 1977       |            |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|              | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada |
| <b>Carga</b> |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| Enero        | 101.1      | 115.5      | 221.5      | 249.3      | 104.9      | 89.8       | 222.9      | 177.9      | 225.6      | 236.8      | 238.4      | 180.7      | 303.6      | 235.4      |
| Febrero      | 264.1      | 110.7      | 110.7      | 100.2      | 90.8       | 103.5      | 185.7      | 188.2      | 247.2      | 194.1      | 230.7      | 212.9      | 374.6      | 263.2      |
| Marzo        | 147.3      | 142.7      | 134.3      | 156.0      | 123.4      | 113.1      | 261.1      | 204.7      | 317.9      | 197.9      | 294.8      | 216.4      | 405.1      | 300.0      |
| Abril        | 255.1      | 94.6       | 147.9      | 213.6      | 171.8      | 208.5      | 249.4      | 218.3      | 333.4      | 253.4      | 302.9      | 216.6      | 400.3      | 292.5      |
| Mayo         | 135.7      | 100.1      | 95.1       | 111.9      | 178.4      | 214.5      | 257.1      | 229.2      | 296.1      | 239.1      | 294.2      | 209.8      | 410.9      | 297.0      |
| Junio        | 89.0       | 65.9       | 124.5      | 121.7      | 124.2      | 114.2      | 274.1      | 213.9      | 298.5      | 235.8      | 324.2      | 190.0      | 433.5      | 265.8      |
| Julio        | 109.8      | 90.7       | 151.6      | 158.8      | 182.4      | 126.6      | 297.6      | 202.3      | 280.3      | 218.4      | 353.5      | 174.4      | 485.6      | 264.8      |
| Agosto       | 89.2       | 84.6       | 161.0      | 116.2      | 172.4      | 190.1      | 273.6      | 226.2      | 287.5      | 204.6      | 439.0      | 174.4      | 542.7      | 275.4      |
| Septiembre   | 157.1      | 238.6      | 94.2       | 113.3      | 162.1      | 177.2      | 260.0      | 238.8      | 320.2      | 243.6      | 392.9      | 219.1      | 558.4      | 319.5      |
| Octubre      | 93.8       | 104.9      | 102.1      | 108.4      | 141.4      | 192.9      | 251.6      | 254.2      | 257.4      | 227.8      | 341.4      | 253.2      | 560.1      | 343.2      |
| Noviembre    | 82.1       | 116.5      | 116.8      | 102.1      | 164.7      | 208.2      | 282.4      | 225.2      | 274.5      | 217.3      | 338.4      | 254.0      | 571.6      | 365.3      |
| Diciembre    | 126.6      | 158.1      | 192.1      | 207.5      | 194.4      | 195.8      | 271.6      | 272.2      | 304.9      | 209.2      | 412.9      | 238.8      | 646.5      | 368.6      |



**CUADRO 16**  
**MOVIMIENTO DE PASAJEROS Y CARGA POR EMPRESAS NACIONALES 1971-1977**

**Pasajeros**

| Meses      | 1971      |          | 1972      |          | 1973      |          | 1974      |          |
|------------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
|            | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos |
| TOTAL      | 119.971   | 127.014  | 136.117   | 136.827  | 169.130   | 177.510  | 195.198   | 203.160  |
| Enero      | 10.216    | 11.743   | 11.193    | 12.300   | 14.358    | 14.525   | 16.633    | 17.255   |
| Febrero    | 8.452     | 9.416    | 9.255     | 9.735    | 12.135    | 12.882   | 15.493    | 15.441   |
| Marzo      | 7.038     | 9.075    | 8.957     | 10.981   | 11.844    | 13.669   | 14.667    | 17.878   |
| Abril      | 7.701     | 9.054    | 9.348     | 10.903   | 11.074    | 12.896   | 12.987    | 14.861   |
| Mayo       | 7.480     | 9.396    | 7.875     | 9.678    | 10.202    | 11.956   | 12.960    | 15.197   |
| Junio      | 10.049    | 11.724   | 12.241    | 14.078   | 13.814    | 16.234   | 17.900    | 18.620   |
| Julio      | 17.206    | 14.002   | 18.735    | 16.851   | 21.606    | 19.164   | 23.189    | 20.125   |
| Agosto     | 11.968    | 14.776   | 12.167    | 5.037    | 16.900    | 19.358   | 18.573    | 21.242   |
| Septiembre | 8.339     | 10.531   | 10.027    | 12.337   | 12.527    | 15.897   | 14.123    | 17.214   |
| Octubre    | 8.755     | 8.225    | 9.177     | 10.343   | 11.045    | 12.215   | 13.822    | 13.770   |
| Noviembre  | 8.248     | 7.993    | 10.382    | 10.567   | 13.346    | 12.787   | 13.823    | 14.024   |
| Diciembre  | 14.519    | 11.079   | 16.760    | 14.017   | 20.279    | 15.927   | 21.028    | 17.533   |

| Meses      | 1975      |          | 1976      |          | 1977      |          |
|------------|-----------|----------|-----------|----------|-----------|----------|
|            | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos |
| TOTAL      | 199.936   | 202.473  | 226.482   | 232.096  | 269.898   | 279.895  |
| Enero      | 17.475    | 19.608   | 18.561    | 20.165   | 24.603    | 25.004   |
| Febrero    | 16.161    | 16.033   | 16.367    | 16.155   | 19.518    | 19.749   |
| Marzo      | 15.818    | 17.069   | 14.488    | 17.069   | 17.736    | 21.540   |
| Abril      | 12.586    | 13.723   | 15.247    | 17.343   | 18.804    | 21.096   |
| Mayo       | 12.717    | 13.935   | 14.657    | 16.359   | 16.450    | 18.972   |
| Junio      | 16.774    | 16.959   | 17.000    | 21.405   | 19.740    | 26.806   |
| Julio      | 23.127    | 19.923   | 29.814    | 23.574   | 37.206    | 28.751   |
| Agosto     | 19.638    | 22.533   | 22.036    | 24.283   | 26.051    | 29.096   |
| Septiembre | 13.061    | 15.504   | 15.830    | 18.001   | 18.537    | 22.389   |
| Octubre    | 14.943    | 14.157   | 17.374    | 16.825   | 19.439    | 19.035   |
| Noviembre  | 15.418    | 14.856   | 17.077    | 16.845   | 20.406    | 19.379   |
| Diciembre  | 22.218    | 18.173   | 28.031    | 24.072   | 31.408    | 28.078   |

**CUADRO 16**  
**MOVIMIENTO DE PASAJEROS POR EMPRESAS NACIONALES 1971-1977**  
 Carga (kilos)

(Conclusión)

| Meses      | 1971      |           | 1972      |            | 1973      |            | 1974       |            |
|------------|-----------|-----------|-----------|------------|-----------|------------|------------|------------|
|            | Importada | Exportada | Importada | Exportada  | Importada | Exportada  | Importada  | Exportada  |
| TOTAL      | 5.497.151 | 8.355.091 | 7.462.066 | 10.794.897 | 8.843.437 | 12.772.996 | 15.023.789 | 18.541.783 |
| Enero      | 456.211   | 620.666   | 1.153.324 | 2.046.414  | 455.898   | 480.734    | 1.110.722  | 1.205.919  |
| Febrero    | 488.252   | 631.102   | 471.938   | 460.036    | 405.987   | 557.706    | 875.087    | 1.214.527  |
| Marzo      | 387.668   | 894.591   | 592.294   | 996.427    | 571.296   | 544.508    | 1.290.555  | 1.490.007  |
| Abril      | 490.832   | 670.366   | 741.170   | 1.557.969  | 868.449   | 1.436.925  | 1.252.867  | 1.601.390  |
| Mayo       | 505.899   | 747.183   | 421.041   | 538.705    | 938.127   | 1.416.785  | 1.268.531  | 1.668.994  |
| Junio      | 394.328   | 407.225   | 610.372   | 861.016    | 537.058   | 650.805    | 1.300.228  | 1.472.191  |
| Julio      | 451.203   | 424.042   | 660.797   | 1.016.788  | 918.916   | 851.493    | 1.481.900  | 1.538.831  |
| Agosto     | 315.288   | 436.673   | 664.308   | 600.830    | 869.113   | 1.316.363  | 1.343.335  | 1.568.263  |
| Septiembre | 607.956   | 1.351.349 | 355.177   | 343.177    | 875.295   | 1.331.749  | 1.312.686  | 1.593.733  |
| Octubre    | 394.092   | 514.177   | 418.110   | 379.347    | 693.560   | 1.445.096  | 1.226.921  | 1.847.872  |
| Noviembre  | 386.520   | 614.423   | 433.804   | 456.775    | 790.556   | 1.417.444  | 1.410.639  | 1.463.426  |
| Diciembre  | 618.902   | 1.043.294 | 939.731   | 1.537.413  | 919.182   | 1.323.388  | 1.150.318  | 1.876.630  |

| Meses      | 1975       |            | 1976       |            | 1977       |            |
|------------|------------|------------|------------|------------|------------|------------|
|            | Importada  | Exportada  | Importada  | Exportada  | Importada  | Exportada  |
| TOTAL      | 16.726.778 | 18.922.039 | 18.902.308 | 18.935.697 | 28.066.972 | 28.215.159 |
| Enero      | 972.593    | 1.676.918  | 1.040.960  | 1.198.925  | 1.399.883  | 1.911.527  |
| Febrero    | 1.128.275  | 1.399.882  | 1.034.910  | 1.419.148  | 1.719.098  | 2.156.720  |
| Marzo      | 1.578.294  | 1.481.655  | 1.353.072  | 1.446.976  | 1.956.628  | 2.327.092  |
| Abril      | 1.674.474  | 1.749.506  | 1.428.317  | 1.464.765  | 1.984.467  | 2.222.608  |
| Mayo       | 1.474.140  | 1.790.781  | 1.454.248  | 1.541.720  | 1.967.259  | 2.279.733  |
| Junio      | 1.524.146  | 1.827.650  | 1.547.294  | 1.338.497  | 2.122.183  | 2.096.030  |
| Julio      | 1.440.792  | 1.675.279  | 1.750.228  | 1.321.532  | 2.439.151  | 2.140.869  |
| Agosto     | 1.391.262  | 1.482.698  | 1.884.436  | 1.584.894  | 2.678.371  | 2.217.085  |
| Septiembre | 1.511.613  | 1.591.933  | 1.991.140  | 1.655.132  | 2.847.085  | 2.534.941  |
| Octubre    | 1.249.702  | 1.514.496  | 1.682.796  | 1.903.711  | 2.852.109  | 2.648.984  |
| Noviembre  | 1.363.538  | 1.420.732  | 1.704.868  | 1.860.908  | 2.897.955  | 2.827.073  |
| Diciembre  | 1.417.949  | 1.310.509  | 2.030.039  | 2.199.489  | 3.202.783  | 2.852.497  |

**CUADRO 16 A**  
**COMPORTAMIENTO DE OTRAS VARIABLES**  
**1976-1977**

| Meses      | Pasajeros kilómetro |               | Toneladas kilómetro |             | Kilómetros recorridos |            | Horas de vuelo |        |
|------------|---------------------|---------------|---------------------|-------------|-----------------------|------------|----------------|--------|
|            | 1976                | 1977          | 1976                | 1977        | 1976                  | 1977       | 1976           | 1977   |
| TOTAL      | 1.456.464.606       | 1.677.483.855 | 98.628.704          | 141.613.379 | 24.834.715            | 25.306.017 | 39.074         | 40.238 |
| Enero      | 129.581.404         | 141.725.648   | 5.706.418           | 7.019.434   | 2.018.453             | 2.006.818  | 3.212          | 3.301  |
| Febrero    | 111.421.977         | 114.346.608   | 6.645.597           | 9.138.610   | 1.954.655             | 1.887.577  | 3.214          | 3.112  |
| Marzo      | 106.749.072         | 121.852.582   | 6.256.159           | 10.008.488  | 1.994.408             | 1.962.894  | 3.277          | 3.273  |
| Abril      | 111.882.100         | 118.489.625   | 7.087.718           | 10.259.544  | 2.011.213             | 1.944.197  | 3.219          | 3.174  |
| Mayo       | 105.130.374         | 116.196.424   | 7.848.807           | 10.468.714  | 2.037.308             | 1.995.919  | 3.263          | 3.138  |
| Junio      | 124.253.763         | 143.160.915   | 7.620.360           | 10.968.934  | 2.017.817             | 2.111.029  | 3.128          | 3.173  |
| Julio      | 164.123.893         | 197.573.414   | 7.821.205           | 11.390.168  | 2.260.851             | 2.409.200  | 3.460          | 3.477  |
| Agosto     | 118.015.299         | 171.533.837   | 8.482.941           | 12.458.773  | 2.098.687             | 2.280.892  | 3.238          | 3.481  |
| Septiembre | 113.127.217         | 138.869.050   | 10.303.588          | 9.433.173   | 2.016.659             | 2.163.175  | 3.011          | 3.477  |
| Octubre    | 113.182.052         | 126.740.442   | 10.791.225          | 15.840.295  | 2.142.617             | 2.111.503  | 3.295          | 3.459  |
| Noviembre  | 105.724.654         | 121.163.018   | 9.630.963           | 17.002.892  | 2.033.886             | 2.075.508  | 3.201          | 3.384  |
| Diciembre  | 153.272.801         | 165.832.292   | 10.433.723          | 17.624.354  | 2.248.161             | 2.357.305  | 3.556          | 3.789  |

Fuente: DANE - Tabulados del movimiento aéreo.

**CUADRO 17**  
**INDICES MENSUALES DEL TRANSPORTE DE PASAJEROS Y CARGA POR EMPRESAS NACIONALES**  
**1971-1977**

(Base: media mensual de 1970=100)

| Meses | 1971      |          | 1972      |          | 1973      |          | 1974      |          | 1975      |          | 1976      |          | 1977      |          |
|-------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
|       | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos |

**Pasajeros**

|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Enero      | 111.8 | 120.6 | 122.5 | 126.3 | 157.2 | 149.2 | 182.1 | 177.2 | 191.3 | 201.4 | 203.2 | 207.1 | 269.3 | 256.8 |
| Febrero    | 92.5  | 96.7  | 101.3 | 100.0 | 132.8 | 132.3 | 169.6 | 158.6 | 176.9 | 164.7 | 179.1 | 165.9 | 213.6 | 202.8 |
| Marzo      | 77.0  | 93.2  | 98.0  | 112.8 | 129.6 | 140.4 | 160.5 | 183.6 | 173.1 | 175.3 | 158.6 | 175.3 | 194.1 | 221.2 |
| Abril      | 84.3  | 93.0  | 102.3 | 112.0 | 121.2 | 132.4 | 142.2 | 152.6 | 137.8 | 140.9 | 166.9 | 178.1 | 205.8 | 216.7 |
| Mayo       | 81.9  | 96.5  | 86.2  | 99.4  | 111.7 | 122.8 | 141.9 | 156.1 | 139.2 | 143.1 | 160.4 | 168.0 | 180.1 | 194.8 |
| Junio      | 110.0 | 120.4 | 134.0 | 144.6 | 151.2 | 166.7 | 195.9 | 191.2 | 183.6 | 174.2 | 186.1 | 219.8 | 216.1 | 275.3 |
| Julio      | 188.3 | 143.8 | 205.1 | 173.1 | 236.5 | 196.8 | 253.8 | 206.7 | 253.1 | 204.6 | 326.3 | 242.1 | 407.2 | 295.3 |
| Agosto     | 131.0 | 151.8 | 133.2 | 51.7  | 185.0 | 198.8 | 203.3 | 218.2 | 215.0 | 231.4 | 241.2 | 249.4 | 285.1 | 298.3 |
| Septiembre | 91.3  | 108.2 | 109.8 | 126.7 | 137.1 | 163.3 | 154.6 | 176.8 | 143.0 | 159.2 | 173.3 | 184.9 | 202.9 | 298.8 |
| Octubre    | 95.8  | 84.5  | 100.4 | 106.2 | 120.9 | 125.4 | 151.3 | 141.4 | 163.6 | 145.4 | 190.2 | 172.8 | 212.8 | 195.5 |
| Noviembre  | 90.3  | 82.1  | 113.6 | 108.5 | 146.1 | 131.3 | 151.3 | 144.0 | 168.8 | 152.6 | 186.9 | 173.0 | 223.4 | 199.0 |
| Diciembre  | 158.9 | 113.8 | 163.5 | 144.0 | 222.0 | 163.6 | 230.2 | 180.1 | 243.2 | 186.6 | 306.8 | 247.2 | 343.8 | 288.4 |

| Meses | 1971       |            | 1972       |            | 1973       |            | 1974       |            | 1975       |            | 1976       |            | 1977       |            |
|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|       | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada |

**Carga**

|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Enero      | 107.7 | 111.2 | 272.2 | 366.5 | 107.6 | 86.1  | 262.2 | 216.0 | 229.6 | 300.4 | 245.7 | 214.7 | 330.4 | 342.4 |
| Febrero    | 115.2 | 113.0 | 111.4 | 82.4  | 95.8  | 99.9  | 206.6 | 217.5 | 266.3 | 250.7 | 244.3 | 254.2 | 405.8 | 386.3 |
| Marzo      | 91.5  | 160.2 | 139.8 | 178.5 | 134.8 | 97.5  | 304.6 | 266.9 | 372.5 | 265.4 | 319.4 | 259.2 | 461.8 | 416.8 |
| Abril      | 115.9 | 120.1 | 174.9 | 279.0 | 205.0 | 257.4 | 295.7 | 286.8 | 395.2 | 313.4 | 337.1 | 263.1 | 468.4 | 398.1 |
| Mayo       | 119.4 | 133.8 | 99.4  | 96.5  | 221.4 | 253.8 | 299.4 | 298.9 | 347.9 | 320.7 | 343.3 | 276.1 | 464.3 | 408.3 |
| Junio      | 93.1  | 72.9  | 144.1 | 154.2 | 126.8 | 116.6 | 306.9 | 263.7 | 359.8 | 327.4 | 365.2 | 239.7 | 500.9 | 375.4 |
| Julio      | 106.5 | 76.0  | 156.0 | 182.1 | 216.9 | 152.5 | 349.8 | 275.6 | 340.1 | 300.1 | 413.1 | 236.7 | 575.7 | 383.5 |
| Agosto     | 74.4  | 78.2  | 156.8 | 107.6 | 205.1 | 235.8 | 317.1 | 280.9 | 328.4 | 265.6 | 444.8 | 283.9 | 632.2 | 397.1 |
| Septiembre | 143.5 | 242.0 | 83.8  | 61.5  | 206.6 | 238.5 | 309.8 | 285.5 | 356.8 | 285.1 | 470.0 | 296.5 | 672.0 | 454.0 |
| Octubre    | 93.0  | 92.1  | 98.7  | 57.2  | 163.7 | 258.8 | 289.6 | 331.0 | 295.0 | 271.3 | 397.2 | 341.0 | 673.2 | 474.5 |
| Noviembre  | 91.2  | 110.0 | 102.4 | 81.8  | 186.6 | 253.9 | 333.0 | 262.1 | 321.8 | 254.5 | 402.4 | 333.3 | 684.0 | 506.4 |
| Diciembre  | 146.1 | 186.9 | 221.8 | 275.4 | 217.0 | 273.0 | 271.5 | 336.1 | 334.7 | 234.7 | 479.2 | 394.0 | 756.0 | 510.9 |

**CUADRO 18**  
**MOVIMIENTO DE PASAJEROS Y CARGA POR EMPRESAS INTERNACIONALES**  
**1971-1977**

| Meses            | 1971      |          | 1972      |          | 1973      |          | 1974      |          | 1975      |          | 1976      |          | 1977      |          |
|------------------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
|                  | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos | Entra-dos | Salí-dos |
| <b>Pasajeros</b> |           |          |           |          |           |          |           |          |           |          |           |          |           |          |
| <b>TOTAL</b>     | 129.526   | 144.015  | 153.158   | 169.839  | 163.909   | 174.213  | 202.822   | 213.713  | 240.960   | 247.564  | 244.476   | 262.662  | 239.644   | 251.675  |
| Enero            | 12.403    | 11.277   | 13.140    | 13.195   | 12.613    | 12.847   | 14.900    | 16.373   | 20.191    | 20.139   | 18.998    | 18.684   | 21.243    | 21.564   |
| Febrero          | 9.832     | 10.134   | 11.207    | 12.765   | 11.675    | 13.180   | 14.950    | 16.133   | 18.632    | 19.151   | 18.539    | 17.994   | 18.517    | 17.872   |
| Marzo            | 9.801     | 12.187   | 10.234    | 12.435   | 12.031    | 14.113   | 13.170    | 15.058   | 18.918    | 20.392   | 16.956    | 19.125   | 18.292    | 20.064   |
| Abril            | 9.323     | 10.905   | 11.239    | 12.810   | 11.320    | 12.594   | 12.443    | 14.088   | 15.256    | 16.609   | 16.721    | 17.657   | 19.028    | 20.285   |
| Mayo             | 9.102     | 10.769   | 9.373     | 10.961   | 10.397    | 12.152   | 11.250    | 12.798   | 15.138    | 16.360   | 15.701    | 17.111   | 16.020    | 16.837   |
| Junio            | 10.674    | 13.017   | 10.464    | 12.819   | 17.017    | 16.922   | 17.066    | 20.599   | 17.025    | 19.453   | 16.483    | 20.217   | 17.237    | 22.043   |
| Julio            | 17.671    | 15.647   | 19.063    | 18.278   | 19.741    | 19.481   | 21.618    | 20.047   | 28.600    | 27.198   | 25.559    | 21.622   | 29.912    | 26.970   |
| Agosto           | 12.121    | 14.520   | 16.402    | 18.238   | 17.708    | 17.707   | 22.758    | 24.153   | 25.962    | 26.440   | 22.730    | 24.197   | 24.165    | 25.017   |
| Septiembre       | 9.670     | 12.767   | 14.011    | 16.799   | 10.739    | 13.135   | 15.737    | 17.546   | 17.755    | 20.508   | 15.954    | 18.406   | 16.448    | 18.595   |
| Octubre          | 9.531     | 12.489   | 11.890    | 13.096   | 11.588    | 12.246   | 17.159    | 17.659   | 19.781    | 18.384   | 18.493    | 17.659   | 17.729    | 18.087   |
| Noviembre        | 8.862     | 8.878    | 12.191    | 13.132   | 13.177    | 14.126   | 18.265    | 16.570   | 19.763    | 19.721   | 18.174    | 17.885   | 18.701    | 19.924   |
| Diciembre        | 10.536    | -11.425  | 13.944    | 15.311   | 15.903    | 15.710   | 23.506    | 22.689   | 23.939    | 23.209   | 40.168    | 52.105   | 22.352    | 24.417   |

| Meses                | 1971       |            | 1972       |            | 1973       |            | 1974       |            |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                      | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada |
| <b>Carga (kilos)</b> |            |            |            |            |            |            |            |            |
| <b>TOTAL</b>         | 4.547.206  | 6.122.090  | 2.590.273  | 7.103.729  | 2.176.549  | 6.910.348  | 3.762.106  | 8.432.645  |
| Enero                | 159.186    | 554.860    | 194.866    | 489.967    | 182.547    | 433.224    | 245.738    | 604.345    |
| Febrero              | 1.118.653  | 495.333    | 201.985    | 559.177    | 146.658    | 495.892    | 255.220    | 700.308    |
| Marzo                | 508.711    | 557.335    | 224.697    | 590.886    | 179.626    | 606.011    | 298.418    | 592.581    |
| Abril                | 1.061.725  | 291.726    | 159.072    | 615.860    | 176.841    | 685.040    | 264.858    | 620.127    |
| Mayo                 | 319.733    | 271.352    | 157.464    | 600.178    | 147.621    | 766.235    | 296.055    | 663.243    |
| Junio                | 147.002    | 263.384    | 147.147    | 377.448    | 218.741    | 511.224    | 367.523    | 704.582    |
| Julio                | 216.731    | 498.480    | 261.509    | 599.260    | 190.950    | 436.981    | 328.826    | 519.299    |
| Agosto               | 227.484    | 423.935    | 315.437    | 581.229    | 180.055    | 617.824    | 321.481    | 732.872    |
| Septiembre           | 348.061    | 1.076.599  | 218.220    | 809.561    | 111.158    | 470.845    | 269.233    | 835.782    |
| Octubre              | 175.341    | 553.072    | 203.338    | 723.565    | 167.026    | 517.255    | 304.236    | 738.689    |
| Noviembre            | 112.928    | 570.899    | 277.079    | 582.250    | 211.715    | 701.171    | 308.007    | 827.617    |
| Diciembre            | 151.651    | 565.115    | 229.459    | 574.348    | 263.611    | 668.646    | 502.511    | 893.200    |

| Meses        | 1975       |            | 1976       |            | 1977       |            |
|--------------|------------|------------|------------|------------|------------|------------|
|              | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada |
| <b>TOTAL</b> | 4.227.584  | 8.327.156  | 5.216.085  | 7.773.876  | 6.576.910  | 8.319.850  |
| Enero        | 400.336    | 732.777    | 409.902    | 639.889    | 447.352    | 483.921    |
| Febrero      | 376.153    | 574.852    | 369.017    | 746.880    | 560.609    | 520.996    |
| Marzo        | 356.111    | 532.378    | 440.650    | 755.157    | 508.711    | 725.036    |
| Abril        | 354.403    | 828.745    | 414.749    | 738.977    | 451.621    | 753.392    |
| Mayo         | 327.513    | 642.007    | 336.097    | 593.246    | 533.148    | 741.951    |
| Junio        | 292.041    | 571.808    | 425.837    | 595.093    | 516.049    | 608.172    |
| Julio        | 264.779    | 546.809    | 400.824    | 452.512    | 516.156    | 553.739    |
| Agosto       | 358.265    | 599.267    | 787.185    | 593.359    | 624.359    | 585.205    |
| Septiembre   | 436.689    | 886.646    | 399.987    | 574.700    | 550.647    | 716.155    |
| Octubre      | 316.940    | 803.586    | 394.584    | 672.358    | 556.490    | 843.058    |
| Noviembre    | 307.113    | 789.953    | 354.506    | 723.431    | 580.457    | 890.300    |
| Diciembre    | 437.241    | 818.328    | 482.747    | 688.274    | 731.311    | 897.925    |

Fuente: DANE - Tabulados del movimiento aéreo.

**CUADRO 19**  
**INDICES MENSUALES DEL TRANSPORTE DE PASAJEROS Y CARGA**  
**POR EMPRESAS INTERNACIONALES 1971-1977**

(Base: media mensual de 1970=100)

| Meses | 1971      |          | 1972      |          | 1973      |          | 1974      |          | 1975      |          | 1976      |          | 1977      |          |
|-------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
|       | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos | Entra-dos | Sali-dos |

**Pasajeros**

|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Enero      | 130.7 | 107.0 | 138.5 | 125.2 | 132.9 | 121.9 | 157.0 | 155.3 | 212.8 | 191.1 | 200.2 | 177.3 | 223.9 | 204.6 |
| Febrero    | 103.6 | 96.1  | 118.1 | 121.1 | 123.0 | 125.0 | 157.6 | 153.1 | 196.4 | 181.7 | 195.4 | 170.7 | 195.1 | 169.6 |
| Marzo      | 103.3 | 115.6 | 107.9 | 118.0 | 126.8 | 133.9 | 138.8 | 142.9 | 199.4 | 193.5 | 178.7 | 181.5 | 192.8 | 190.4 |
| Abril      | 98.3  | 103.5 | 118.4 | 121.5 | 119.3 | 119.5 | 131.1 | 133.7 | 160.8 | 157.6 | 176.2 | 167.5 | 200.5 | 192.5 |
| Mayo       | 95.9  | 102.2 | 98.8  | 104.0 | 109.6 | 115.3 | 118.6 | 121.4 | 159.5 | 155.2 | 165.5 | 162.3 | 168.8 | 159.7 |
| Junio      | 112.5 | 123.5 | 110.3 | 121.6 | 179.3 | 160.6 | 179.9 | 195.4 | 179.4 | 184.6 | 173.7 | 191.8 | 181.7 | 209.1 |
| Julio      | 186.2 | 148.5 | 200.9 | 173.4 | 208.0 | 184.8 | 227.8 | 190.2 | 301.4 | 258.0 | 269.4 | 205.1 | 315.2 | 255.9 |
| Agosto     | 127.7 | 137.8 | 172.9 | 173.0 | 186.6 | 168.0 | 239.8 | 229.2 | 273.6 | 250.9 | 239.5 | 229.6 | 254.7 | 237.4 |
| Septiembre | 101.9 | 121.1 | 147.7 | 159.4 | 113.2 | 124.6 | 165.8 | 166.5 | 187.1 | 194.6 | 168.1 | 174.6 | 173.3 | 176.4 |
| Octubre    | 100.4 | 118.5 | 125.3 | 124.3 | 122.1 | 116.2 | 180.8 | 167.5 | 208.5 | 174.4 | 194.9 | 167.5 | 186.8 | 171.6 |
| Noviembre  | 93.4  | 84.2  | 128.5 | 124.6 | 138.9 | 134.0 | 192.5 | 157.2 | 208.3 | 187.1 | 191.5 | 169.7 | 197.1 | 189.0 |
| Diciembre  | 111.0 | 108.4 | 146.9 | 145.3 | 167.6 | 149.1 | 247.7 | 215.3 | 252.3 | 220.2 | 423.3 | 494.4 | 235.6 | 231.7 |

| Meses | 1971       |            | 1972       |            | 1973       |            | 1974       |            | 1975       |            | 1976       |            | 1977       |            |
|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|       | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada | Impor-tada | Expor-tada |

**Carga**

|            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Enero      | 86.1  | 120.8 | 105.4 | 106.7 | 98.7  | 94.3  | 132.9 | 131.6 | 216.6 | 159.6 | 221.7 | 139.3 | 242.0 | 105.4 |
| Febrero    | 605.1 | 107.9 | 109.3 | 121.8 | 79.3  | 108.0 | 138.1 | 152.5 | 203.5 | 125.2 | 199.6 | 162.6 | 303.3 | 113.5 |
| Marzo      | 275.2 | 121.4 | 121.5 | 128.7 | 97.2  | 132.0 | 161.4 | 129.0 | 192.6 | 115.9 | 238.4 | 164.5 | 275.2 | 157.9 |
| Abril      | 574.3 | 63.5  | 86.0  | 134.1 | 95.7  | 149.2 | 143.3 | 135.0 | 191.7 | 180.5 | 224.4 | 160.9 | 244.3 | 164.1 |
| Mayo       | 173.0 | 59.1  | 85.2  | 130.7 | 79.9  | 166.9 | 160.1 | 144.4 | 177.2 | 139.8 | 181.8 | 129.2 | 288.4 | 161.6 |
| Junio      | 79.5  | 57.4  | 79.6  | 82.2  | 118.3 | 111.3 | 198.8 | 153.4 | 158.0 | 124.5 | 230.4 | 129.6 | 279.2 | 132.4 |
| Julio      | 117.2 | 108.6 | 141.5 | 130.5 | 103.3 | 95.2  | 177.9 | 113.1 | 143.2 | 119.1 | 216.8 | 98.5  | 279.2 | 120.6 |
| Agosto     | 123.1 | 92.3  | 170.6 | 126.6 | 97.4  | 134.5 | 173.9 | 159.6 | 193.8 | 130.5 | 425.8 | 129.2 | 337.7 | 127.4 |
| Septiembre | 188.3 | 234.5 | 118.0 | 176.3 | 60.1  | 102.5 | 145.6 | 182.0 | 236.2 | 193.1 | 216.4 | 125.2 | 297.9 | 156.0 |
| Octubre    | 94.8  | 120.4 | 110.0 | 157.6 | 90.4  | 112.6 | 164.6 | 160.9 | 171.4 | 175.0 | 213.4 | 146.4 | 301.0 | 183.6 |
| Noviembre  | 61.1  | 124.3 | 149.9 | 126.8 | 114.5 | 152.7 | 166.6 | 180.2 | 166.1 | 172.0 | 191.8 | 157.5 | 314.0 | 193.9 |
| Diciembre  | 82.0  | 123.1 | 124.1 | 125.1 | 142.6 | 145.6 | 271.8 | 194.5 | 236.5 | 178.2 | 261.1 | 149.9 | 395.6 | 195.6 |

**CUADRO 20**  
**MOVIMIENTO DE PASAJEROS, POR AEROPUERTOS Y CONTINENTES**  
**1976-1977**

| Continentes                                       | Número de pasajeros   |       |                     |       |                       |       |                     |       |
|---------------------------------------------------|-----------------------|-------|---------------------|-------|-----------------------|-------|---------------------|-------|
|                                                   | 1976                  |       |                     |       | 1977                  |       |                     |       |
|                                                   | Entrados del exterior | o/o   | Salidos al exterior | o/o   | Entrados del exterior | o/o   | Salidos al exterior | o/o   |
| <b>Resumen</b>                                    |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 470.958               | 100.0 | 494.758             | 100.0 | 509.542               | 100.0 | 531.570             | 100.0 |
| Centro América                                    | 158.757               | 33.7  | 166.042             | 33.6  | 154.794               | 30.4  | 162.967             | 30.7  |
| Norte América                                     | 164.010               | 34.8  | 164.510             | 33.2  | 183.468               | 36.0  | 190.900             | 35.9  |
| Sur América                                       | 123.314               | 26.2  | 137.992             | 27.9  | 138.160               | 27.1  | 143.140             | 26.9  |
| Europa                                            | 24.877                | 5.3   | 26.214              | 5.3   | 33.120                | 6.5   | 34.563              | 6.5   |
| <b>Aeropuerto "Eldorado" Bogotá</b>               |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 289.740               | 100.0 | 307.219             | 100.0 | 327.944               | 100.0 | 341.955             | 100.0 |
| Centro América                                    | 61.258                | 21.2  | 65.627              | 21.4  | 67.650                | 20.6  | 72.523              | 21.2  |
| Norte América                                     | 93.019                | 32.1  | 90.404              | 29.4  | 102.527               | 31.3  | 105.184             | 30.8  |
| Sur América                                       | 111.615               | 38.5  | 125.839             | 40.9  | 125.406               | 38.2  | 130.407             | 38.1  |
| Europa                                            | 23.848                | 8.2   | 25.349              | 8.3   | 32.361                | 9.9   | 33.841              | 9.9   |
| <b>Aeropuerto "Ernesto Cortizos" Barranquilla</b> |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 59.054                | 100.0 | 63.602              | 100.0 | 55.411                | 100.0 | 62.426              | 100.0 |
| Centro América                                    | 28.288                | 47.9  | 27.499              | 43.2  | 21.765                | 39.2  | 22.416              | 35.9  |
| Norte América                                     | 24.395                | 41.3  | 29.211              | 45.9  | 27.460                | 49.6  | 33.827              | 54.2  |
| Sur América                                       | 5.342                 | 9.0   | 6.027               | 9.5   | 5.427                 | 9.8   | 5.461               | 8.8   |
| Europa                                            | 1.029                 | 1.8   | 865                 | 1.4   | 759                   | 1.4   | 722                 | 1.1   |
| <b>Aeropuerto "Palma Seca" Cali</b>               |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 30.681                | 100.0 | 29.007              | 100.0 | 34.349                | 100.0 | 35.327              | 100.0 |
| Centro América                                    | 7.279                 | 23.7  | 5.709               | 19.7  | 7.829                 | 22.8  | 7.456               | 21.1  |
| Norte América                                     | 17.045                | 55.6  | 17.174              | 59.2  | 19.410                | 56.5  | 20.822              | 58.9  |
| Sur América                                       | 6.357                 | 20.7  | 6.124               | 21.1  | 7.110                 | 20.7  | 7.049               | 20.0  |
| Europa                                            | —                     | —     | —                   | —     | —                     | —     | —                   | —     |
| <b>Aeropuerto "Olaya Herrera" Medellín</b>        |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 45.699                | 100.0 | 48.366              | 100.0 | 38.153                | 100.0 | 38.337              | 100.0 |
| Centro América                                    | 27.848                | 60.9  | 31.413              | 64.9  | 16.981                | 44.5  | 18.206              | 47.5  |
| Norte América                                     | 17.851                | 39.1  | 16.953              | 35.1  | 21.171                | 55.5  | 20.131              | 52.5  |
| Sur América                                       | —                     | —     | —                   | —     | 1                     | —     | —                   | —     |
| <b>Aeropuerto "San Andrés" Isla</b>               |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 34.204                | 100.0 | 37.750              | 100.0 | 39.884                | 100.0 | 42.852              | 100.0 |
| Centro América                                    | 31.720                | 92.7  | 34.421              | 91.2  | 37.314                | 93.6  | 40.046              | 93.5  |
| Norte América                                     | 2.484                 | 7.3   | 3.329               | 8.8   | 2.570                 | 6.4   | 2.806               | 6.5   |
| <b>Otros aeropuertos</b>                          |                       |       |                     |       |                       |       |                     |       |
| <b>TOTAL</b>                                      | 11.580                | 100.0 | 8.814               | 100.0 | 13.801                | 100.0 | 10.673              | 100.0 |
| Centro América                                    | 2.364                 | 20.4  | 1.373               | 15.6  | 3.255                 | 23.6  | 2.320               | 21.7  |
| Norte América                                     | 921.6                 | 79.6  | 7.439               | 84.4  | 10.330                | 74.9  | 8.120               | 76.2  |
| Sur América                                       | —                     | —     | 2                   | —     | 216                   | 1.5   | 223                 | 2.1   |

Fuente: DANE — Tabulados del movimiento aéreo.

**CUADRO 21**  
**MOVIMIENTO DE CARGA POR AEROPUERTOS Y CONTINENTES**  
**1976-1977**

| Continentes                                       | Carga en kilos       |       |                    |       |                      |       |                    |       |
|---------------------------------------------------|----------------------|-------|--------------------|-------|----------------------|-------|--------------------|-------|
|                                                   | 1976                 |       |                    |       | 1977                 |       |                    |       |
|                                                   | Entrada del exterior | o/o   | Salida al exterior | o/o   | Entrada del exterior | o/o   | Salida al exterior | o/o   |
| <b>Resumen</b>                                    |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 24.118.393           | 100.0 | 26.709.573         | 100.0 | 34.643.882           | 100.0 | 36.535.009         | 100.0 |
| Centro América                                    | 2.210.198            | 9.2   | 2.866.829          | 10.7  | 4.692.559            | 13.6  | 5.433.151          | 14.9  |
| Norte América                                     | 17.114.132           | 70.9  | 18.034.725         | 67.5  | 23.325.232           | 67.3  | 23.014.409         | 63.0  |
| Sur América                                       | 3.008.415            | 12.5  | 3.110.049          | 11.7  | 3.744.876            | 10.8  | 4.246.349          | 11.6  |
| Europa                                            | 1.785.648            | 7.4   | 2.697.970          | 10.1  | 2.881.215            | 8.3   | 3.841.100          | 10.5  |
| <b>Aeropuerto "Eldorado" Bogotá</b>               |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 14.840.993           | 100.0 | 20.982.768         | 100.0 | 19.978.000           | 100.0 | 28.600.407         | 100.0 |
| Centro América                                    | 1.464.133            | 9.9   | 2.079.306          | 9.9   | 2.733.929            | 13.7  | 3.523.803          | 12.3  |
| Norte América                                     | 9.113.195            | 61.4  | 13.257.464         | 63.2  | 11.202.928           | 56.1  | 17.731.328         | 62.0  |
| Sur América                                       | 2.514.138            | 16.9  | 2.952.613          | 14.1  | 3.182.590            | 15.9  | 3.516.905          | 12.3  |
| Europa                                            | 1.749.527            | 11.8  | 2.693.385          | 12.8  | 2.858.553            | 14.3  | 3.828.371          | 13.4  |
| <b>Aeropuerto "Ernesto Cortizos" Barranquilla</b> |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 2.729.706            | 100.0 | 1.425.748          | 100.0 | 4.991.762            | 100.0 | 2.240.113          | 100.0 |
| Centro América                                    | 83.454               | 3.1   | 382.328            | 26.8  | 103.451              | 2.1   | 1.051.432          | 46.9  |
| Norte América                                     | 2.608.832            | 95.6  | 1.003.810          | 70.4  | 4.853.472            | 97.2  | 995.806            | 44.5  |
| Sur América                                       | 1.299                | —     | 35.025             | 2.5   | 12.177               | 0.2   | 180.146            | 8.0   |
| Europa                                            | 36.121               | 1.3   | 4.585              | 0.3   | 22.662               | 0.5   | 12.729             | 0.6   |
| <b>Aeropuerto "Palma Seca" Cali</b>               |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 1.833.206            | 100.0 | 962.907            | 100.0 | 2.621.332            | 100.0 | 1.723.599          | 100.0 |
| Centro América                                    | 103.359              | 5.6   | 84.831             | 8.8   | 161.624              | 6.2   | 147.170            | 8.5   |
| Norte América                                     | 1.246.977            | 68.0  | 765.665            | 79.5  | 1.909.599            | 72.8  | 1.027.131          | 59.6  |
| Sur América                                       | 482.870              | 26.4  | 112.411            | 11.7  | 550.109              | 21.0  | 549.298            | 31.9  |
| <b>Aeropuerto "Olaya Herrera" Medellín</b>        |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 1.629.192            | 100.0 | 2.671.782          | 100.0 | 2.981.118            | 100.0 | 3.028.878          | 100.0 |
| Centro América                                    | 14.389               | 0.9   | 220.155            | 8.2   | 29.128               | 1.0   | 190.183            | 6.3   |
| Norte América                                     | 1.614.695            | 99.1  | 2.451.627          | 91.8  | 2.951.990            | 99.0  | 2.838.695          | 93.7  |
| Sur América                                       | 108                  | —     | —                  | —     | —                    | —     | —                  | —     |
| <b>Aeropuerto "San Andrés" Isla</b>               |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 1.326.605            | 100.0 | 69.327             | 100.0 | 2.333.729            | 100.0 | 148.809            | 100.0 |
| Centro América                                    | 524.049              | 39.5  | 66.195             | 95.5  | 1.577.507            | 67.6  | 107.017            | 98.4  |
| Norte América                                     | 802.556              | 60.5  | 3.132              | 4.5   | 756.222              | 32.4  | 1.792              | 1.6   |
| <b>Otros aeropuertos</b>                          |                      |       |                    |       |                      |       |                    |       |
| TOTAL                                             | 1.758.691            | 100.0 | 597.041            | 100.0 | 1.737.941            | 100.0 | 833.203            | 100.0 |
| Centro América                                    | 20.841               | 1.2   | 34.014             | 5.7   | 86.920               | 5.0   | 413.546            | 49.6  |
| Norte América                                     | 1.727.877            | 98.2  | 553.027            | 92.6  | 1.651.021            | 95.0  | 419.657            | 50.4  |
| Sur América                                       | 10.000               | 0.6   | 10.000             | 1.7   | —                    | —     | —                  | —     |

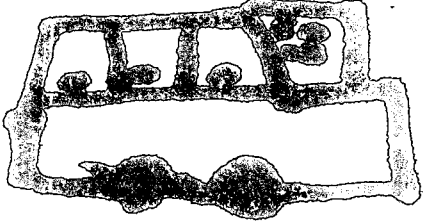
Fuente: DANE - Tabulados del movimiento aéreo.

**CUADRO 22**  
**MOVIMIENTO DE PASAJEROS, CARGA Y CORREO SEGUN NAVES NACIONALES O EXTRANJERAS Y AEROPUERTOS**  
**1976-1977**

| Aeropuertos internacionales y naves nacionales o extranjeras | Número de pasajeros   |       |                     |       | Carga en kilos |       |            |       | Correo en kilos      |       |                    |       |
|--------------------------------------------------------------|-----------------------|-------|---------------------|-------|----------------|-------|------------|-------|----------------------|-------|--------------------|-------|
|                                                              | Entrados del exterior | o/o   | Salidos al exterior | o/o   | Importada      | o/o   | Exportada  | o/o   | Entrado del exterior | o/o   | Salido al exterior | o/o   |
| <b>GRAN TOTAL</b>                                            | 1976 470.958          | 100.0 | 494.758             | 100.0 | 24.118.393     | 100.0 | 26.709.573 | 100.0 | 967.978              | 100.0 | 510.662            | 100.0 |
|                                                              | 1977 509.542          | 100.0 | 531.570             | 100.0 | 34.643.882     | 100.0 | 36.535.009 | 100.0 | 1.109.741            | 100.0 | 530.429            | 100.0 |
| <b>TOTAL</b>                                                 |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 226.482          | 48.1  | 232.096             | 46.9  | 18.902.308     | 78.4  | 18.935.697 | 70.9  | 170.155              | 17.6  | 360.863            | 70.7  |
|                                                              | 1977 269.898          | 53.0  | 279.895             | 52.7  | 28.066.972     | 81.0  | 28.215.159 | 77.2  | 203.581              | 18.3  | 383.105            | 2.2   |
| Extranjeras                                                  | 1976 244.476          | 51.9  | 262.662             | 53.1  | 5.216.085      | 21.6  | 7.773.876  | 29.1  | 797.823              | 82.4  | 149.799            | 29.3  |
|                                                              | 1977 239.644          | 47.0  | 251.675             | 47.3  | 6.576.910      | 19.0  | 8.319.850  | 22.8  | 906.160              | 81.7  | 147.324            | 27.8  |
| <b>Barranquilla</b>                                          |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 33.813           | 7.2   | 36.827              | 7.5   | 2.677.991      | 11.1  | 1.312.113  | 4.9   | 1.349                | 0.1   | 11.875             | 2.4   |
|                                                              | 1977 36.146           | 7.1   | 42.254              | 8.0   | 4.975.235      | 14.4  | 2.192.005  | 6.0   | 1.243                | 0.1   | 5.427              | 1.0   |
| Extranjeras                                                  | 1976 25.241           | 5.4   | 26.775              | 5.4   | 51.715         | 0.2   | 113.635    | 0.4   | 7.002                | 0.7   | 6.730              | 1.3   |
|                                                              | 1977 19.265           | 3.8   | 20.172              | 3.8   | 16.527         | 0.0   | 48.108     | 0.1   | 4.933                | 0.5   | 5.126              | 1.0   |
| <b>Bogotá</b>                                                |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 139.503          | 29.6  | 142.490             | 28.8  | 11.043.513     | 45.8  | 14.169.925 | 53.0  | 168.763              | 17.5  | 317.777            | 62.2  |
|                                                              | 1977 162.565          | 31.9  | 169.132             | 31.8  | 15.677.874     | 45.2  | 21.236.218 | 58.1  | 202.292              | 18.2  | 352.543            | 66.5  |
| Extranjeras                                                  | 1976 150.237          | 31.9  | 164.729             | 33.3  | 3.797.480      | 15.7  | 6.812.843  | 25.5  | 786.148              | 81.2  | 134.651            | 26.4  |
|                                                              | 1977 165.379          | 32.4  | 172.823             | 32.5  | 4.300.126      | 12.4  | 7.364.189  | 20.2  | 893.639              | 80.5  | 126.223            | 23.8  |
| <b>Cali</b>                                                  |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 7.883            | 1.7   | 8.095               | 1.6   | 914.569        | 3.8   | 229.556    | 0.9   | 31                   | —     | 23.377             | 4.6   |
|                                                              | 1977 13.665           | 2.7   | 13.003              | 2.4   | 1.667.710      | 4.8   | 895.519    | 2.4   | 46                   | —     | 17.378             | 3.3   |
| Extranjeras                                                  | 1976 22.798           | 4.8   | 20.912              | 4.2   | 918.637        | 3.8   | 733.351    | 2.8   | 3.862                | 0.4   | 8.418              | 1.6   |
|                                                              | 1977 20.684           | 4.0   | 22.324              | 4.2   | 953.622        | 2.8   | 828.080    | 2.3   | 4.929                | 0.5   | 13.266             | 2.5   |
| <b>Medellín</b>                                              |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 22.035           | 4.7   | 23.317              | 4.7   | 1.629.175      | 6.8   | 2.586.801  | 9.7   | 12                   | —     | 7.728              | 1.5   |
|                                                              | 1977 27.710           | 5.4   | 27.247              | 5.1   | 2.981.118      | 8.6   | 2.987.913  | 8.2   | —                    | —     | 7.716              | 1.4   |
| Extranjeras                                                  | 1976 23.664           | 5.0   | 25.049              | 5.1   | 17             | —     | 84.981     | 0.3   | 4                    | —     | —                  | —     |
|                                                              | 1977 10.443           | 2.1   | 11.090              | 2.1   | —              | —     | 40.965     | 0.1   | —                    | —     | —                  | —     |
| <b>San Andrés (Isla)</b>                                     |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 11.668           | 2.5   | 12.553              | 2.5   | 878.369        | 3.6   | 40.261     | 0.2   | —                    | —     | 74                 | —     |
|                                                              | 1977 16.011           | 3.1   | 17.586              | 3.3   | 1.027.094      | 3.0   | 70.301     | 0.2   | —                    | —     | 7                  | —     |
| Extranjeras                                                  | 1976 22.536           | 4.8   | 25.197              | 5.1   | 448.236        | 1.9   | 29.066     | 0.1   | 807                  | 0.1   | —                  | —     |
|                                                              | 1977 23.873           | 4.7   | 25.266              | 4.8   | 1.306.635      | 3.8   | 38.508     | 0.1   | 2.659                | 0.2   | 2.709              | 0.5   |
| <b>Otros aeropuertos</b>                                     |                       |       |                     |       |                |       |            |       |                      |       |                    |       |
| Nacionales                                                   | 1976 11.580           | 2.4   | 8.814               | 1.8   | 1.758.691      | 7.3   | 597.041    | 2.2   | —                    | —     | 32                 | —     |
|                                                              | 1977 13.801           | 2.7   | 10.673              | 2.0   | 1.737.941      | 5.0   | 833.203    | 2.3   | —                    | —     | 34                 | —     |
| Extranjeras                                                  | 1976 —                | —     | —                   | —     | —              | —     | —          | —     | —                    | —     | —                  | —     |
|                                                              | 1977 —                | —     | —                   | —     | —              | —     | —          | —     | —                    | —     | —                  | —     |

Fuente: DANE - Tabulados del movimiento aéreo.





## D-Carreteras

BIBLIOTECA DANE

La red vial del país contaba el 31 de diciembre de 1977 con 82.167 kilómetros en servicio, de los cuales las carreteras nacionales constituyeron el 27.1o/o, las departamentales el 44.9o/o, las municipales 4.9o/o, las particulares 5.2o/o y caminos vecinales el 17.9o/o.

Dentro del total de la red vial, sobresalen los departamentos de Antioquia con el 9.2o/o, Tolima con el 8.6o/o, Santander 8.2o/o, Valle 8.1o/o Cundinamarca 7.9o/o y Boyacá 7.8o/o, secciones que poseen en conjunto el 49.8o/o del kilometraje total en servicio (Cuadro 23).

De los 36.890 kilómetros de carreteras departamentales correspondía al Valle del Cauca el 13.4o/o a Antioquia el 10.9o/o, Cundinamarca 10.2o/o, Santander 10.0o/o y Córdoba 6.2o/o.

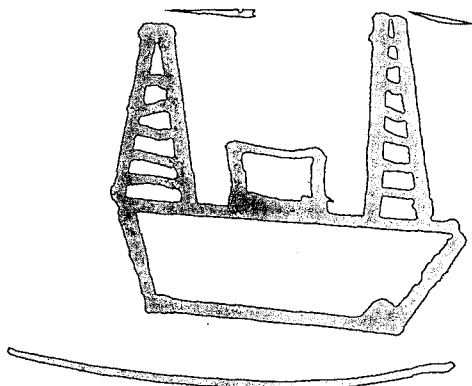
**CUADRO 23**  
**CARRETERAS NACIONALES, DEPARTAMENTALES, MUNICIPALES, PARTICULARES Y CAMINOS VECINALES**  
**EN SERVICIO A 31 DE DICIEMBRE, SEGUN SECCIONES DEL PAIS 1976-1977**

(Kilómetros)

| Sec. del país       | Total  | Nacionales | Departamentales | Municipales | Particulares | Caminos vecinales | Sec. del país                       | Total | Nacionales | Departamentales | Municipales | Particulares | Caminos vecinales |
|---------------------|--------|------------|-----------------|-------------|--------------|-------------------|-------------------------------------|-------|------------|-----------------|-------------|--------------|-------------------|
| <b>TOTAL</b>        |        |            |                 |             |              |                   | <b>La Guajira</b>                   |       |            |                 |             |              |                   |
| 1976                | 71.575 | 21.838     | 32.184          | 4.826       | 2.639        | 10.088            | 1976                                | 716   | 479        | 10              | 15          | —            | 212               |
| 1977                | 82.167 | 22.268     | 36.890          | 4.028       | 4.296        | 14.685            | 1977                                | 1.014 | 479        | —               | —           | —            | 535               |
| <b>Antioquia</b>    |        |            |                 |             |              |                   | <b>Magdalena</b>                    |       |            |                 |             |              |                   |
| 1976                | 7.159  | 1.752      | 3.933           | 142         | —            | 1.332             | 1976                                | 1.930 | 668        | 1.056           | —           | —            | 206               |
| 1977                | 7.518  | 1.776      | 4.017           | 176         | —            | 1.549             | 1977                                | 2.019 | 668        | 1.108           | —           | —            | 243               |
| <b>Atlántico</b>    |        |            |                 |             |              |                   | <b>Meta</b>                         |       |            |                 |             |              |                   |
| 1976                | 637    | 216        | 284             | 18          | —            | 119               | 1976                                | 3.293 | 798        | 1.615           | —           | —            | 880               |
| 1977                | 885    | 281        | 235             | 18          | —            | 351               | 1977                                | 3.592 | 810        | 1.754           | 121         | —            | 907               |
| <b>Bolívar</b>      |        |            |                 |             |              |                   | <b>Nariño</b>                       |       |            |                 |             |              |                   |
| 1976                | 985    | 401        | 370             | —           | —            | 214               | 1976                                | 2.578 | 1.137      | 1.187           | —           | —            | 254               |
| 1977                | 1.456  | 416        | 370             | —           | —            | 670               | 1977                                | 3.262 | 1.156      | 1.235           | —           | —            | 871               |
| <b>Boyacá</b>       |        |            |                 |             |              |                   | <b>Norte de Santander</b>           |       |            |                 |             |              |                   |
| 1976                | 5.490  | 2.206      | 1.230           | 1.400       | —            | 654               | 1976                                | 2.869 | 1.624      | 402             | —           | 486          | 357               |
| 1977                | 6.445  | 2.206      | 1.315           | 1.483       | —            | 1.441             | 1977                                | 2.909 | 1.624      | 410             | —           | 489          | 386               |
| <b>Caldas</b>       |        |            |                 |             |              |                   | <b>Quindío</b>                      |       |            |                 |             |              |                   |
| 1976                | 2.777  | 804        | 1.329           | 260         | —            | 384               | 1976                                | 837   | 194        | 469             | —           | 7            | 167               |
| 1977                | 2.836  | 804        | 1.480           | 266         | —            | 286               | 1977                                | 1.728 | 194        | 1.346           | —           | 19           | 169               |
| <b>Cauca</b>        |        |            |                 |             |              |                   | <b>Risaralda</b>                    |       |            |                 |             |              |                   |
| 1976                | 3.955  | 1.462      | 1.454           | 189         | —            | 850               | 1976                                | 1.520 | 280        | 773             | 237         | —            | 230               |
| 1977                | 4.057  | 1.527      | 1.751           | 194         | —            | 585               | 1977                                | 1.748 | 279        | 1.138           | 267         | —            | 64                |
| <b>Cesar</b>        |        |            |                 |             |              |                   | <b>Santander</b>                    |       |            |                 |             |              |                   |
| 1976                | 1.151  | 1.007      | —               | —           | —            | 144               | 1976                                | 5.678 | 1.750      | 3.622           | —           | —            | 306               |
| 1977                | 1.354  | 1.032      | —               | —           | —            | 322               | 1977                                | 6.780 | 1.833      | 3.693           | —           | 220          | 1.034             |
| <b>Córdoba</b>      |        |            |                 |             |              |                   | <b>Sucre</b>                        |       |            |                 |             |              |                   |
| 1976                | 2.859  | 609        | 1.885           | —           | —            | 365               | 1976                                | 1.211 | 286        | 642             | —           | —            | 283               |
| 1977                | 3.639  | 638        | 2.276           | —           | —            | 725               | 1977                                | 1.924 | 292        | 809             | —           | —            | 823               |
| <b>Cundinamarca</b> |        |            |                 |             |              |                   | <b>Tolima</b>                       |       |            |                 |             |              |                   |
| 1976                | 5.794  | 1.359      | 3.235           | 426         | —            | 774               | 1976                                | 7.334 | 1.361      | 2.181           | 859         | 2.110        | 823               |
| 1977                | 6.505  | 1.359      | 3.775           | 362         | 126          | 883               | 1977                                | 7.057 | 1.399      | 2.206           | 869         | 2.110        | 473               |
| <b>Chocó</b>        |        |            |                 |             |              |                   | <b>Valle del Cauca</b>              |       |            |                 |             |              |                   |
| 1976                | 463    | 325        | —               | —           | —            | 138               | 1976                                | 6.464 | 1.116      | 3.581           | 1.261       | —            | 506               |
| 1977                | 617    | 332        | —               | —           | 62           | 223               | 1977                                | 6.662 | 1.110      | 4.954           | 228         | 34           | 336               |
| <b>Huila</b>        |        |            |                 |             |              |                   | <b>Intendencias y Comisarías 1/</b> |       |            |                 |             |              |                   |
| 1976                | 4.079  | 1.298      | 2.143           | —           | —            | 638               | 1976                                | 1.796 | 706        | 783             | 19          | 36           | 252               |
| 1977                | 5.992  | 1.343      | 2.184           | —           | 1.200        | 1.265             | 1977                                | 2.168 | 710        | 834             | 44          | 36           | 544               |

1/ Incluye: Casanare, Caquetá, Putumayo, San Andrés y Providencia y Vichada.

Fuente: Ministerio de Obras Públicas, Secretarías de Obras Públicas Departamentales y Municipales; Federación de Cafeteros; Fondo Nacional de Caminos Vecinales.



## **E-Transporte fluvial por el río Magdalena**

### **Movimiento de embarcaciones**

En 1977 con relación a 1976 el movimiento de embarcaciones entradas y salidas por los puertos principales del Río Magdalena, tanto en bajada como en subida, disminuyó, excepto en Magangué y Barranquilla; al primero entraron 3.920 embarcaciones en 1977 y al segundo 1.381, cifras superiores en 14.9o/o y 6.5o/o a las de 1976; por esos mismos puertos salieron 3.954 y 1.394 embarcaciones, con incrementos de 12.4o/o y 5.7o/o, respectivamente (cuadro 24).

### **Pasajeros según puertos**

El número de pasajeros (tanto entrados como salidos) en 1977 fue de 4.621, inferior en 29.3o/o al del año anterior. De ese total, por Puertos Intermedios entró y salió el mayor número de pasajeros: 2.269 (70.7o/o) y 1.240 (26.8o/o) respectivamente; le sigue Magangué con 1.221 pasajeros entrados (26.4o/o) y 3.251 salidos (70.4o/o) (cuadro 25).

### **Carga según productos**

En el transcurso de 1977 por los puertos del río Magdalena se movilizaron 2.326.071 toneladas de carga, de las cuales el 88.2o/o correspondió a productos manufacturados y el 11.8o/o restante a los demás grupos

(productos de minas 6.7o/o, productos agrícolas 4.3o/o, animales y sus productos 0.6o/o, y productos forestales 0.2o/o). Si se comparan estas cifras con las del año anterior, se observa una disminución de 28.8o/o en el total de la carga transportada, ocasionada por la sensible baja que se presentó en el transporte de los productos manufacturados por este medio (33.1o/o). En cambio, la movilización de productos agrícolas registró el notable incremento de 183.6o/o (cuadro 26).

### **Carga según puertos**

De las 2.326.071 toneladas movilizadas en 1977 por el río Magdalena, 81.5o/o salió por los puertos siguientes: Barrancabermeja 902.068 toneladas (38.8o/o), Cartagena 661.039 (28.4o/o) y Barranquilla 331.442 (14.3o/o); los dos primeros puertos disminuyeron su despacho con relación al año anterior en 44.2o/o y 41.1o/o respectivamente, mientras que el último lo aumentó en 159.7o/o. Estos mismos puertos recibieron en 1977 el 69.5o/o (1.616.295 toneladas) de la carga, presentando con relación a 1976 las siguientes bajas en términos porcentuales: Barrancabermeja 28.6o/o, Cartagena 54.1o/o y Barranquilla 24.1o/o (cuadro 27).

### **El transporte de ganado**

En 1977 fueron transportadas 43.465 cabezas, presentando una baja de 1.429 reses (3.2o/o), al comparar esta cifra con la de 1976. Del total transportado el 99.6o/o correspondió a ganado vacuno (cuadro 29).

El conjunto de puertos intermedios ocupó el primer lugar en el despacho de ganado con 25.877 cabezas (59.5o/o del total); siguieron en importancia, El Banco con el 19.7o/o y Mompós con el 11.9o/o. Los principales puertos receptores fueron: Barranquilla (31.9o/o), puertos intermedios (27.9o/o), Barrancabermeja (18.4o/o) y Magangué (13.9o/o) (cuadro 30).

**CUADRO 24**  
**MOVIMIENTO DE EMBARCACIONES SEGUN PUERTOS**  
**1968-1977**

| Puertos          | Años | Entrada |         |         |        |         |         | Salida |         |         |        |         |         |
|------------------|------|---------|---------|---------|--------|---------|---------|--------|---------|---------|--------|---------|---------|
|                  |      | Bajada  |         |         | Subida |         |         | Bajada |         |         | Subida |         |         |
|                  |      | Total   | Mayores | Menores | Total  | Mayores | Menores | Total  | Mayores | Menores | Total  | Mayores | Menores |
| PUERTO BERRIO    | 1968 | 338     | 277     | 61      | 781    | 666     | 115     | 781    | 666     | 115     | 338    | 277     | 61      |
|                  | 1969 | 522     | 332     | 190     | 926    | 684     | 242     | 873    | 644     | 229     | 559    | 368     | 191     |
|                  | 1970 | 487     | 397     | 90      | 857    | 728     | 129     | 752    | 613     | 139     | 488    | 413     | 75      |
|                  | 1971 | 251     | 250     | 1       | 728    | 721     | 7       | 611    | 604     | 7       | 402    | 401     | 1       |
|                  | 1972 | 342     | 331     | 11      | 645    | 627     | 18      | 648    | 627     | 21      | 368    | 360     | 8       |
|                  | 1973 | 291     | 291     | —       | 746    | 746     | —       | 684    | 684     | —       | 343    | 343     | —       |
|                  | 1974 | 413     | 413     | —       | 978    | 978     | —       | 889    | 889     | —       | 502    | 502     | —       |
|                  | 1975 | 403     | 403     | —       | 957    | 957     | —       | 890    | 890     | —       | 479    | 479     | —       |
|                  | 1976 | 400     | 343     | 57      | 830    | 809     | 21      | 796    | 775     | 21      | 473    | 413     | 60      |
|                  | 1977 | 330     | 308     | 22      | 819    | 799     | 20      | 761    | 736     | 25      | 421    | 397     | 24      |
| BARRANCA-BERMEJA | 1968 | 174     | 140     | 34      | 603    | 420     | 183     | 1.003  | 760     | 243     | 668    | 628     | 40      |
|                  | 1969 | 249     | 172     | 77      | 756    | 489     | 267     | 1.137  | 860     | 277     | 609    | 535     | 74      |
|                  | 1970 | 639     | 473     | 166     | 950    | 623     | 327     | 1.041  | 701     | 340     | 627    | 454     | 173     |
|                  | 1971 | 571     | 456     | 115     | 986    | 654     | 332     | 1.378  | 876     | 502     | 992    | 641     | 351     |
|                  | 1972 | 663     | 663     | —       | 1.178  | 950     | 228     | 1.298  | 960     | 338     | 813    | 722     | 91      |
|                  | 1973 | 688     | 648     | 40      | 1.124  | 913     | 211     | 1.218  | 888     | 330     | 882    | 717     | 165     |
|                  | 1974 | 791     | 647     | 144     | 1.253  | 1.032   | 221     | 1.517  | 1.102   | 415     | 856    | 691     | 165     |
|                  | 1975 | 910     | 524     | 386     | 1.575  | 1.075   | 500     | 1.776  | 1.127   | 649     | 1.004  | 535     | 469     |
|                  | 1976 | 951     | 462     | 489     | 2.578  | 1.148   | 1.430   | 2.681  | 1.213   | 1.468   | 880    | 428     | 452     |
|                  | 1977 | 891     | 480     | 411     | 1.346  | 769     | 577     | 1.625  | 906     | 719     | 794    | 469     | 325     |
| MAGANGUE         | 1968 | 2.776   | 652     | 2.124   | 1.980  | 597     | 1.383   | 2.023  | 504     | 1.519   | 2.784  | 659     | 2.125   |
|                  | 1969 | 2.407   | 686     | 1.721   | 1.684  | 501     | 1.183   | 1.832  | 493     | 1.339   | 2.306  | 606     | 1.700   |
|                  | 1970 | 1.998   | 388     | 1.610   | 744    | 163     | 581     | 696    | 153     | 543     | 1.943  | 432     | 1.511   |
|                  | 1971 | 2.156   | 486     | 1.670   | 920    | 155     | 765     | 987    | 201     | 786     | 2.202  | 534     | 1.668   |
|                  | 1972 | 1.710   | 637     | 1.073   | 661    | 211     | 450     | 659    | 222     | 437     | 1.738  | 681     | 1.057   |
|                  | 1973 | 1.533   | 728     | 805     | 773    | 424     | 349     | 844    | 455     | 389     | 1.586  | 746     | 840     |
|                  | 1974 | 1.970   | 845     | 1.125   | 796    | 234     | 562     | 815    | 214     | 601     | 1.991  | 861     | 1.130   |
|                  | 1975 | 2.351   | 965     | 1.386   | 1.007  | 220     | 787     | 1.076  | 248     | 828     | 2.198  | 845     | 1.353   |
|                  | 1976 | 2.551   | 1.213   | 1.338   | 862    | 376     | 486     | 900    | 393     | 507     | 2.617  | 1.156   | 1.461   |
|                  | 1977 | 3.036   | 1.395   | 1.641   | 884    | 352     | 532     | 879    | 342     | 537     | 3.075  | 1.405   | 1.670   |
| BARRAN-QUILLA    | 1968 | 1.191   | 776     | 415     | —      | —       | —       | —      | —       | —       | 1.370  | 805     | 565     |
|                  | 1969 | 886     | 472     | 414     | —      | —       | —       | —      | —       | —       | 710    | 380     | 330     |
|                  | 1970 | 893     | 783     | 110     | —      | —       | —       | —      | —       | —       | 912    | 802     | 110     |
|                  | 1971 | 820     | 700     | 120     | —      | —       | —       | —      | —       | —       | 818    | 697     | 121     |
|                  | 1972 | 790     | 698     | 92      | —      | —       | —       | —      | —       | —       | 786    | 689     | 97      |
|                  | 1973 | 799     | 753     | 46      | —      | —       | —       | —      | —       | —       | 731    | 682     | 49      |
|                  | 1974 | 932     | 868     | 64      | —      | —       | —       | —      | —       | —       | 941    | 874     | 67      |
|                  | 1975 | 1.139   | 857     | 282     | —      | —       | —       | —      | —       | —       | 1.197  | 886     | 311     |
|                  | 1976 | 1.297   | 914     | 383     | —      | —       | —       | —      | —       | —       | 1.319  | 912     | 407     |
|                  | 1977 | 1.381   | 892     | 489     | —      | —       | —       | —      | —       | —       | 1.394  | 877     | 517     |
| CARTAGENA        | 1968 | 987     | 987     | —       | —      | —       | —       | —      | —       | —       | 1.032  | 1.032   | —       |
|                  | 1969 | 893     | 893     | —       | —      | —       | —       | —      | —       | —       | 902    | 902     | —       |
|                  | 1970 | 937     | 937     | —       | —      | —       | —       | —      | —       | —       | 943    | 943     | —       |
|                  | 1971 | 1.154   | 1.154   | —       | —      | —       | —       | —      | —       | —       | 1.161  | 1.161   | —       |
|                  | 1972 | 1.067   | 1.067   | —       | —      | —       | —       | —      | —       | —       | 1.071  | 1.071   | —       |
|                  | 1973 | 658     | 658     | —       | —      | —       | —       | —      | —       | —       | 833    | 833     | —       |
|                  | 1974 | 828     | 828     | —       | —      | —       | —       | —      | —       | —       | 837    | 837     | —       |
|                  | 1975 | 952     | 952     | —       | —      | —       | —       | —      | —       | —       | 967    | 967     | —       |
|                  | 1976 | 862     | 862     | —       | —      | —       | —       | —      | —       | —       | 859    | 859     | —       |
|                  | 1977 | 489     | 489     | —       | —      | —       | —       | —      | —       | —       | 490    | 490     | —       |

Fuente: DANE - Tabulados de transporte fluvial.

**CUADRO 25**  
**MOVIMIENTO DE PASAJEROS SEGUN PUERTOS**  
**1972-1977**

| Puertos                | 1972     |         | 1973     |         | 1974     |         | 1975     |         | 1976     |         | 1977     |         |
|------------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
|                        | Entrados | Salidos | Entrados | Salidos | Entrados | Salidos | Entrados | Salidos | Entrados | Salidos | Entrados | Salidos |
| TOTAL                  | 15.362   | 15.362  | 18.258   | 18.258  | 14.868   | 14.868  | 17.975   | 17.975  | 6.533    | 6.533   | 4.621    | 4.621   |
| La Dorada              | 4        | —       | —        | —       | —        | —       | —        | —       | —        | —       | —        | —       |
| Puerto Berrío          | 12       | 15      | —        | —       | —        | —       | —        | —       | —        | —       | —        | —       |
| Barrancabermeja        | 39       | 132     | —        | —       | —        | 16      | —        | 16      | —        | —       | 5        | —       |
| Puerto Wilches         | 6        | 6       | —        | —       | —        | —       | —        | —       | —        | —       | 12       | —       |
| Gamarra                | 3        | 45      | 9        | —       | 73       | 10      | 11       | —       | —        | —       | —        | —       |
| El Banco               | 2.024    | 2.047   | 2.703    | 2.393   | 1.921    | 1.442   | 1.142    | 1.212   | 365      | 119     | 112      | 130     |
| Mompós                 | 195      | 233     | 503      | 535     | 668      | 663     | 451      | 815     | 45       | 22      | —        | —       |
| Magangué               | 5.739    | 9.368   | 6.226    | 11.700  | 5.227    | 9.327   | 6.947    | 10.502  | 2.110    | 4.305   | 1.221    | 3.251   |
| Ciénaga                | —        | —       | —        | —       | —        | —       | —        | —       | —        | —       | —        | —       |
| Barranquilla           | —        | —       | —        | —       | —        | —       | 12       | —       | —        | —       | —        | —       |
| Cartagena              | —        | —       | 1        | —       | —        | —       | —        | —       | —        | —       | 2        | —       |
| Puertos intermedios 1/ | 7.340    | 3.516   | 8.816    | 3.630   | 6.979    | 3.410   | 9.412    | 5.430   | 4.013    | 2.087   | 3.269    | 1.240   |

1/ La cifra de pasajeros entrados se toma del registro llevado en los puertos de donde salen los pasajeros con destino a intermedios.  
Fuente: DANE - Tabulados de transporte fluvial.

CUADRO 26  
MOVIMIENTO DE CARGA, POR GRUPOS DE PRODUCTOS, SEGUN PUERTOS  
1972-1977

(Toneladas métricas)

| Puertos          | Año  | Total     |            | Productos de agricultura |            | Animales y sus productos |            | Productos forestales |            | Productos de minas |            | Productos manufacturados 1/ |            |
|------------------|------|-----------|------------|--------------------------|------------|--------------------------|------------|----------------------|------------|--------------------|------------|-----------------------------|------------|
|                  |      | Recibida  | Despachada | Recibida                 | Despachada | Recibida                 | Despachada | Recibida             | Despachada | Recibida           | Despachada | Recibida                    | Despachada |
| RESUMEN GENERAL  | 1972 | 2.709.585 | 2.709.585  | 82.419                   | 82.419     | 8.280                    | 8.280      | 4.749                | 4.749      | 54.608             | 54.608     | 2.559.529                   | 2.559.529  |
|                  | 1973 | 3.854.459 | 3.854.459  | 55.533                   | 55.533     | 7.112                    | 7.112      | 2.585                | 2.585      | 45.917             | 45.917     | 3.743.312                   | 3.743.312  |
|                  | 1974 | 5.011.935 | 5.011.935  | 42.259                   | 42.259     | 12.768                   | 12.768     | 6.687                | 6.687      | 112.879            | 112.879    | 4.837.342                   | 4.837.342  |
|                  | 1975 | 4.587.837 | 4.587.837  | 33.331                   | 33.331     | 10.661                   | 10.661     | 5.383                | 5.383      | 76.477             | 76.477     | 4.461.985                   | 4.461.985  |
|                  | 1976 | 3.268.977 | 3.268.977  | 35.275                   | 35.275     | 14.061                   | 14.061     | 8.006                | 8.006      | 147.926            | 147.926    | 3.063.709                   | 3.063.709  |
|                  | 1977 | 2.326.071 | 2.326.071  | 100.024                  | 100.024    | 14.440                   | 14.440     | 5.333                | 5.333      | 155.657            | 155.657    | 2.050.617                   | 2.050.617  |
| CARTAGENA        | 1972 | 1.392.141 | 959.655    | 2.760                    | 59.317     | —                        | —          | 1.858                | —          | 27.540             | 8.287      | 1.359.983                   | 892.051    |
|                  | 1973 | 1.724.434 | 1.360.551  | 1.740                    | 26.763     | —                        | —          | 350                  | —          | 5.589              | 8.070      | 1.716.755                   | 1.325.718  |
|                  | 1974 | 2.262.865 | 1.454.003  | 268                      | 20.634     | —                        | —          | 2.012                | —          | 19.924             | 28.258     | 2.240.661                   | 1.405.111  |
|                  | 1975 | 1.860.501 | 1.626.746  | 1.657                    | 3.526      | —                        | —          | 626                  | 80         | 31.207             | 3.103      | 1.827.011                   | 1.620.037  |
|                  | 1976 | 969.772   | 1.122.485  | 729                      | 11.658     | —                        | —          | 2.454                | —          | 44.199             | 902        | 922.390                     | 1.109.925  |
|                  | 1977 | 445.021   | 661.039    | 69                       | 44.750     | —                        | —          | 949                  | —          | 21.082             | 223        | 422.921                     | 616.066    |
| LA DORADA        | 1972 | 70.068    | 80         | 9.935                    | —          | 160                      | —          | —                    | —          | 850                | —          | 59.123                      | 80         |
|                  | 1973 | 140.457   | 83         | 26.774                   | —          | 298                      | —          | —                    | —          | 5.908              | —          | 107.477                     | 83         |
|                  | 1974 | 154.757   | 21         | 7.411                    | —          | —                        | —          | —                    | —          | 8.523              | —          | 138.823                     | 21         |
|                  | 1975 | 82.827    | 125        | 1.741                    | —          | 570                      | —          | —                    | —          | 9.192              | —          | 71.324                      | 125        |
|                  | 1976 | 62.966    | 17         | 4.299                    | —          | 40                       | —          | 307                  | —          | 13.918             | —          | 44.402                      | 17         |
|                  | 1977 | 47.814    | 23         | 7.574                    | 18         | —                        | 5          | —                    | —          | 4.482              | —          | 35.758                      | —          |
| PUERTO SALGAR    | 1972 | 1.146     | 3.571      | —                        | 1.976      | —                        | —          | —                    | 4          | —                  | 89         | 1.146                       | 1.502      |
|                  | 1973 | 3.964     | 1.395      | 800                      | 1.395      | —                        | —          | —                    | —          | 1.414              | —          | 1.750                       | —          |
|                  | 1974 | 1.748     | 315        | —                        | —          | —                        | —          | 30                   | —          | —                  | —          | 1.718                       | 315        |
|                  | 1975 | 5.728     | 1.246      | —                        | 1.211      | —                        | —          | —                    | 25         | —                  | —          | 5.728                       | 10         |
|                  | 1976 | 2.902     | 1.343      | —                        | 382        | —                        | —          | —                    | —          | —                  | —          | 2.902                       | 961        |
|                  | 1977 | 1.422     | —          | —                        | —          | —                        | —          | —                    | —          | —                  | —          | 1.422                       | —          |
| PUERTO BERRIO    | 1972 | 12.466    | 2.558      | —                        | 6          | 1.049                    | 123        | —                    | 25         | 3.695              | 1.064      | 7.722                       | 1.340      |
|                  | 1973 | 92.404    | —          | —                        | —          | 167                      | —          | —                    | —          | 2.131              | —          | 90.106                      | —          |
|                  | 1974 | 122.993   | 15.893     | —                        | —          | 943                      | —          | —                    | 193        | 15.864             | 296        | 106.186                     | 15.404     |
|                  | 1975 | 120.203   | 24.195     | —                        | 408        | 40                       | —          | —                    | —          | 6.176              | 18.252     | 113.987                     | 5.535      |
|                  | 1976 | 121.329   | 53.265     | —                        | 347        | 1.442                    | 40         | —                    | 1.918      | 5.264              | 50.063     | 114.623                     | 897        |
|                  | 1977 | 147.693   | 22.475     | 6.903                    | —          | 258                      | —          | —                    | —          | 16.703             | 18.108     | 123.829                     | 4.367      |
| BARRANCA-BERMEJA | 1972 | 154.650   | 1.544.937  | 25                       | 1.935      | 15                       | —          | —                    | 909        | 1.051              | 25.809     | 153.559                     | 1.516.284  |
|                  | 1973 | 297.774   | 2.235.267  | 1.003                    | 3.655      | 289                      | 13         | 27                   | 675        | 1.647              | 28.000     | 294.808                     | 2.202.924  |
|                  | 1974 | 364.185   | 3.106.374  | 2.018                    | 2.511      | 878                      | 32         | 47                   | 2.968      | 694                | 74.790     | 360.548                     | 3.026.073  |
|                  | 1975 | 717.777   | 2.650.191  | 1.221                    | 2.677      | 2.409                    | 223        | 6                    | 2.839      | 393                | 42.137     | 713.748                     | 2.602.315  |
|                  | 1976 | 591.856   | 1.617.337  | 1.337                    | 677        | 3.035                    | 145        | 450                  | 905        | 47.324             | 36.795     | 539.710                     | 1.578.815  |
|                  | 1977 | 422.684   | 902.068    | 10.206                   | 682        | 2.608                    | 8          | 114                  | 632        | 80.856             | 36.594     | 328.900                     | 864.152    |
| P. WILCHES       | 1972 | 1.081     | —          | —                        | —          | 210                      | —          | —                    | —          | —                  | —          | 871                         | —          |
|                  | 1973 | 329       | —          | —                        | —          | 35                       | —          | —                    | —          | —                  | —          | 294                         | —          |
|                  | 1974 | 6.294     | 155        | 6.008                    | —          | —                        | —          | —                    | —          | —                  | —          | 286                         | 155        |
|                  | 1975 | 4.551     | 20         | —                        | 20         | —                        | —          | —                    | —          | 13                 | —          | 4.538                       | —          |
|                  | 1976 | 3.506     | 96         | 206                      | 27         | —                        | 5          | —                    | —          | —                  | —          | 3.300                       | 64         |
|                  | 1977 | 47.818    | 6.357      | 7.745                    | 3.509      | —                        | —          | —                    | 20         | —                  | 1.243      | 40.073                      | 1.585      |
| GAMARRA          | 1972 | 80.526    | 19.036     | 2.763                    | 10.391     | 326                      | —          | —                    | —          | 4.925              | —          | 72.512                      | 8.645      |
|                  | 1973 | 108.426   | 21.105     | 1.655                    | 10.512     | 303                      | 168        | —                    | —          | 1.746              | 88         | 104.722                     | 10.337     |
|                  | 1974 | 164.619   | 19.399     | 7.217                    | 2.437      | 280                      | 36         | —                    | 95         | 3.734              | 1          | 153.388                     | 16.850     |
|                  | 1975 | 78.533    | 12.034     | 2.308                    | 2.262      | 449                      | 33         | —                    | —          | 2.871              | —          | 72.905                      | 9.739      |
|                  | 1976 | 117.657   | 10.383     | 21                       | 1.483      | 535                      | 3          | —                    | —          | 200                | —          | 116.901                     | 8.897      |
|                  | 1977 | 107.550   | 9.857      | 5.547                    | 2.253      | 306                      | 45         | —                    | —          | 1.986              | 605        | 99.711                      | 6.954      |

**CUADRO 26**  
**MOVIMIENTO DE CARGA, POR GRUPOS DE PRODUCTOS, SEGUN PUERTOS**  
**1972-1977**

Toneladas métricas (Conclusión)

| Puertos                     | Año  | Total     |            | Productos de agricultura |             | Animales y sus productos |             | Productos forestales |             | Productos de minas |             | Productos manufacturados 1/ |             |
|-----------------------------|------|-----------|------------|--------------------------|-------------|--------------------------|-------------|----------------------|-------------|--------------------|-------------|-----------------------------|-------------|
|                             |      | Recibida  | Despachada | Reci-bida                | Despa-chada | Reci-bida                | Despa-chada | Reci-bida            | Despa-chada | Reci-bida          | Despa-chada | Reci-bida                   | Despa-chada |
| EL BANCO                    | 1972 | 18.244    | 4.122      | 63                       | 901         | 6                        | 3           | 4                    | 299         | 771                | —           | 17.400                      | 2.919       |
|                             | 1973 | 18.496    | 4.380      | 93                       | 1.790       | 16                       | 67          | 4                    | 179         | 1.469              | 17          | 16.914                      | 2.327       |
|                             | 1974 | 22.186    | 5.279      | 133                      | 1.885       | 92                       | 279         | 7                    | 48          | 2.211              | 27          | 19.743                      | 3.040       |
|                             | 1975 | 17.869    | 4.952      | 243                      | 1.187       | 30                       | 282         | 9                    | 20          | 3.356              | 3           | 14.231                      | 3.460       |
|                             | 1976 | 25.372    | 6.640      | 108                      | 862         | —                        | 1.523       | 4                    | 237         | 2.991              | —           | 22.269                      | 4.018       |
|                             | 1977 | 22.677    | 7.341      | 317                      | 1.340       | 531                      | 2.417       | 16                   | 142         | 2.586              | —           | 19.227                      | 3.442       |
| MOMPOS                      | 1972 | 2.760     | 2.767      | 6                        | 151         | 3                        | 2.037       | —                    | —           | 37                 | —           | 2.414                       | 579         |
|                             | 1973 | 4.498     | 3.372      | 360                      | 53          | —                        | 2.535       | —                    | —           | 324                | —           | 3.814                       | 784         |
|                             | 1974 | 4.438     | 3.664      | 405                      | 186         | 115                      | 2.790       | —                    | —           | 108                | —           | 3.810                       | 688         |
|                             | 1975 | 4.802     | 1.718      | 510                      | 196         | 43                       | 1.109       | —                    | —           | 53                 | 13          | 4.196                       | 400         |
|                             | 1976 | 5.630     | 1.913      | 83                       | 301         | —                        | 1.299       | —                    | 11          | 58                 | —           | 5.489                       | 302         |
|                             | 1977 | 4.126     | 1.972      | 62                       | 143         | 2                        | 1.542       | —                    | 10          | 14                 | —           | 4.048                       | 277         |
| MAGANGUE                    | 1972 | 55.241    | 18.149     | 14.253                   | 1.006       | 665                      | 3.164       | 163                  | —           | 6.216              | 281         | 33.944                      | 13.698      |
|                             | 1973 | 82.547    | 22.722     | 14.912                   | 3.073       | 510                      | 2.298       | 326                  | 69          | 7.214              | 1.081       | 59.585                      | 16.201      |
|                             | 1974 | 73.373    | 41.753     | 11.618                   | 3.207       | 173                      | 4.975       | 92                   | 9           | 8.664              | 3.159       | 52.826                      | 30.403      |
|                             | 1975 | 83.396    | 36.455     | 12.224                   | 8.056       | 864                      | 2.759       | 149                  | 98          | 2.554              | 865         | 67.605                      | 24.677      |
|                             | 1976 | 71.443    | 32.352     | 12.533                   | 2.842       | 1.451                    | 832         | 167                  | 75          | 1.331              | 278         | 55.961                      | 28.325      |
|                             | 1977 | 56.952    | 36.552     | 18.611                   | 10.690      | 2.172                    | 1.468       | 300                  | 80          | 1.273              | 175         | 34.596                      | 24.139      |
| CALAMAR                     | 1972 | 4.279     | 788        | —                        | —           | —                        | —           | —                    | —           | 100                | —           | 4.179                       | 788         |
|                             | 1973 | 398       | 668        | 50                       | —           | —                        | —           | —                    | —           | 241                | —           | 107                         | 668         |
|                             | 1974 | 2.020     | 25         | 6                        | —           | —                        | —           | —                    | 5           | 1.932              | —           | 82                          | 20          |
|                             | 1975 | 2.339     | 63         | 19                       | —           | —                        | —           | —                    | —           | 872                | —           | 1.448                       | 63          |
|                             | 1976 | 827       | 24         | 6                        | —           | —                        | —           | —                    | —           | 620                | —           | 201                         | 24          |
|                             | 1977 | 311       | 3.535      | —                        | —           | —                        | —           | 40                   | —           | 223                | —           | 48                          | 3.535       |
| CIENAGA                     | 1972 | —         | —          | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                           | —           |
|                             | 1973 | 1.218     | —          | —                        | —           | —                        | —           | —                    | —           | 1.218              | —           | —                           | —           |
|                             | 1974 | —         | —          | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                           | —           |
|                             | 1975 | 370       | —          | —                        | —           | —                        | —           | —                    | —           | 370                | —           | —                           | —           |
|                             | 1976 | —         | —          | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                           | —           |
|                             | 1977 | —         | —          | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                           | —           |
| BARRAN-<br>QUILLA           | 1972 | 694.672   | 93.538     | 5.768                    | 101         | 870                      | 7           | 2.190                | 9           | 4.530              | 4.727       | 681.314                     | 88.694      |
|                             | 1973 | 981.290   | 146.949    | 6.267                    | 2.467       | 1.649                    | 71          | 1.833                | 10          | 6.851              | 7.725       | 964.690                     | 136.676     |
|                             | 1974 | 1.261.456 | 188.366    | 2.965                    | 1.946       | 4.160                    | 115         | 4.471                | 157         | 21.480             | 6.318       | 1.228.380                   | 179.830     |
|                             | 1975 | 1.262.451 | 136.014    | 7.071                    | 275         | 3.775                    | —           | 4.544                | 4           | 13.371             | 6.313       | 1.233.690                   | 129.422     |
|                             | 1976 | 985.944   | 127.608    | 6.521                    | 428         | 3.415                    | 19          | 4.534                | 191         | 19.637             | 5.190       | 951.837                     | 121.780     |
|                             | 1977 | 748.590   | 331.442    | 12.614                   | 16.321      | 5.304                    | 25          | 3.833                | 49          | 15.957             | 7.519       | 710.882                     | 307.528     |
| PUERTOS IN-<br>TERMEDIOS 2/ | 1972 | 222.311   | 60.384     | 46.846                   | 6.635       | 3.976                    | 2.946       | 534                  | 3.503       | 4.893              | 14.351      | 165.062                     | 32.949      |
|                             | 1973 | 398.224   | 57.967     | 1.879                    | 5.825       | 3.845                    | 1.960       | 45                   | 1.652       | 10.165             | 936         | 382.290                     | 47.594      |
|                             | 1974 | 571.001   | 176.688    | 4.210                    | 9.453       | 6.127                    | 4.541       | 28                   | 3.212       | 29.745             | 30          | 530.891                     | 159.452     |
|                             | 1975 | 346.490   | 94.078     | 6.337                    | 13.513      | 2.481                    | 6.255       | 49                   | 2.317       | 6.049              | 5.791       | 331.574                     | 66.202      |
|                             | 1976 | 309.773   | 295.514    | 9.432                    | 16.268      | 4.143                    | 10.195      | 90                   | 4.669       | 12.384             | 54.698      | 283.724                     | 209.684     |
|                             | 1977 | 273.413   | 343.410    | 30.376                   | 20.318      | 3.259                    | 8.930       | 81                   | 4.400       | 10.495             | 91.190      | 229.202                     | 218.572     |

1/ Incluye la información correspondiente a varios sin clasificar.

2/ Las cifras sobre carga recibida se toman del registro llevado por los puertos que despachan con destino a intermedios.

Fuente: DANE - Tabulados de transporte fluvial.



CUADRO 27  
CARGA DESPACHADA Y RECIBIDA, SEGUN PUERTOS  
1972-1977

(Toneladas métricas)

| Puertos que despachan | Años | Puertos que reciben |           |               |               |                  |                |         |          |        |           |          |            |               |                      |
|-----------------------|------|---------------------|-----------|---------------|---------------|------------------|----------------|---------|----------|--------|-----------|----------|------------|---------------|----------------------|
|                       |      | Total               | La Dorada | Puerto Salgar | Puerto Berrio | Barranca-bermeja | Puerto Wilches | Gamarra | El Banco | Mompós | Magan-gué | Cala-mar | Carta-gena | Barran-quilla | Puertos inter-medios |
| RESUMEN GENERAL       | 1972 | 2.709.585           | 70.068    | 1.146         | 12.466        | 154.650          | 1.081          | 80.526  | 18.244   | 2.760  | 55.241    | 4.279    | 1.392.141  | 694.672       | 222.311              |
|                       | 1973 | 3.854.459           | 140.457   | 3.964         | 92.404        | 297.774          | 329            | 108.426 | 18.496   | 4.498  | 82.547    | 398      | 1.724.434  | 981.290       | 399.442              |
|                       | 1974 | 5.011.935           | 154.757   | 1.748         | 122.993       | 364.185          | 6.294          | 164.619 | 22.186   | 4.438  | 73.373    | 2.020    | 2.262.865  | 1.261.456     | 571.001              |
|                       | 1975 | 4.587.837           | 82.827    | 5.728         | 120.203       | 717.777          | 4.551          | 78.533  | 17.869   | 4.802  | 83.396    | 2.339    | 1.860.501  | 1.262.451     | 346.860              |
|                       | 1976 | 3.268.977           | 62.966    | 2.902         | 121.329       | 591.856          | 3.506          | 117.657 | 25.372   | 5.630  | 71.443    | 827      | 969.772    | 985.944       | 309.773              |
|                       | 1977 | 2.326.071           | 47.814    | 1.422         | 147.693       | 422.684          | 47.818         | 107.550 | 22.677   | 4.126  | 56.952    | 311      | 445.021    | 748.590       | 273.413              |
| LA DORADA             | 1972 | 80                  | —         | —             | —             | 5                | —              | —       | —        | —      | 12        | —        | —          | 3             | 60                   |
|                       | 1973 | 83                  | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | —          | —             | 83                   |
|                       | 1974 | 21                  | —         | —             | —             | 16               | —              | 5       | —        | —      | —         | —        | —          | —             | —                    |
|                       | 1975 | 125                 | —         | —             | 11            | 45               | —              | —       | 69       | —      | —         | —        | —          | —             | —                    |
|                       | 1976 | 17                  | —         | —             | —             | 12               | —              | —       | —        | —      | —         | —        | —          | 5             | —                    |
|                       | 1977 | 23                  | —         | —             | —             | —                | —              | —       | —        | —      | 4         | —        | —          | 5             | 14                   |
| PUERTO SALGAR         | 1972 | 3.571               | —         | —             | —             | —                | —              | 63      | —        | —      | —         | —        | —          | 3.508         | —                    |
|                       | 1973 | 1.395               | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | 1.395      | —             | —                    |
|                       | 1974 | 315                 | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | 212        | —             | 103                  |
|                       | 1975 | 1.246               | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | 1.211      | 10            | 25                   |
|                       | 1976 | 1.343               | —         | —             | 337           | 578              | —              | 6       | —        | —      | —         | —        | 382        | —             | —                    |
|                       | 1977 | —                   | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | —          | —             | —                    |
| PUERTO BERRIO         | 1972 | 2.558               | —         | —             | —             | —                | —              | —       | —        | —      | 578       | —        | 833        | 1.107         | 40                   |
|                       | 1973 | —                   | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | —          | —             | —                    |
|                       | 1974 | 15.893              | —         | —             | —             | 5.419            | —              | 1.766   | 348      | —      | 803       | —        | 2.304      | 4.892         | 361                  |
|                       | 1975 | 24.195              | —         | —             | —             | 2.243            | 200            | 300     | 600      | —      | 85        | —        | 18.830     | 1.637         | 300                  |
|                       | 1976 | 53.265              | 1.203     | —             | —             | 47               | —              | —       | 25       | —      | —         | —        | 44.624     | 17            | 7.349                |
|                       | 1977 | 22.475              | 1.859     | —             | —             | —                | —              | —       | —        | —      | —         | —        | 20.547     | —             | 69                   |
| BARRANCA-BERMEJA      | 1972 | 1.544.937           | —         | —             | —             | —                | —              | —       | 4        | 751    | 8.277     | 100      | 1.361.203  | 173.817       | 785                  |
|                       | 1973 | 2.235.267           | 19.024    | 827           | 67.757        | —                | 206            | 9.400   | 84       | —      | 11.359    | 146      | 1.701.898  | 265.511       | 159.055              |
|                       | 1974 | 3.106.374           | 37.388    | —             | 108.371       | —                | —              | 50.368  | 621      | 269    | 26.874    | 1.904    | 2.157.473  | 436.771       | 286.335              |
|                       | 1975 | 2.650.191           | 33.420    | —             | 113.418       | —                | 33             | 40.270  | 3.326    | —      | 12.073    | 820      | 1.821.749  | 490.927       | 134.155              |
|                       | 1976 | 1.617.337           | 34.060    | 1.211         | 109.219       | —                | 146            | 32.492  | 6.442    | —      | 10.409    | 603      | 898.927    | 387.350       | 136.478              |
|                       | 1977 | 902.068             | 19.190    | —             | 125.727       | —                | —              | 22.116  | 2.577    | —      | 8.389     | 209      | 383.460    | 286.964       | 53.436               |
| PUERTO WILCHES        | 1972 | —                   | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | —          | —             | —                    |
|                       | 1973 | —                   | —         | —             | —             | —                | —              | —       | —        | —      | —         | —        | —          | —             | —                    |
|                       | 1974 | 155                 | —         | —             | —             | 150              | —              | —       | —        | —      | 5         | —        | —          | —             | —                    |
|                       | 1975 | 20                  | —         | —             | —             | —                | —              | —       | —        | —      | 20        | —        | —          | —             | —                    |
|                       | 1976 | 96                  | —         | —             | —             | 96               | —              | —       | —        | —      | —         | —        | —          | —             | —                    |
|                       | 1977 | 6.357               | —         | —             | —             | 432              | —              | —       | —        | —      | —         | —        | —          | 20            | 5.905                |
| GAMARRA               | 1972 | 19.036              | —         | —             | —             | —                | —              | —       | 36       | 1      | 9.329     | —        | 2.145      | 7.458         | 67                   |
|                       | 1973 | 21.105              | —         | —             | —             | 2                | —              | —       | —        | —      | 11.356    | —        | 1.026      | 8.654         | 67                   |
|                       | 1974 | 19.399              | —         | —             | —             | 10               | —              | —       | 61       | —      | 2.783     | —        | 1.963      | 14.558        | 24                   |
|                       | 1975 | 12.034              | —         | —             | —             | 4                | —              | —       | 179      | —      | 2.684     | —        | —          | 9.167         | —                    |
|                       | 1976 | 10.383              | —         | —             | —             | —                | —              | —       | 19       | —      | 3.021     | —        | —          | 7.210         | 133                  |
|                       | 1977 | 9.857               | —         | —             | 839           | 616              | —              | —       | —        | —      | 2.609     | —        | —          | 5.780         | 13                   |

**CUADRO 27**  
**CARGA DESPACHADA Y RECIBIDA, SEGUN PUERTOS**  
**1972-1977**

Toneladas métricas (Conclusión)

| Puertos que despachan | Años | Puertos que reciben |           |               |               |                  |                |         |          |        |           |         |            |               |         | Puertos intermedios |
|-----------------------|------|---------------------|-----------|---------------|---------------|------------------|----------------|---------|----------|--------|-----------|---------|------------|---------------|---------|---------------------|
|                       |      | Total               | La Dorada | Puerto Salgar | Puerto Berrio | Barranca-bermeja | Puerto Wilches | Gamarra | El Banco | Mompós | Magan-gué | Calamar | Carta-gena | Barran-quilla |         |                     |
| EL BANCO              | 1972 | 4.122               | —         | —             | —             | —                | —              | —       | —        | 8      | 237       | —       | —          | 3.695         | 182     |                     |
|                       | 1973 | 4.380               | —         | —             | —             | 90               | —              | —       | —        | —      | 932       | —       | —          | 3.269         | 89      |                     |
|                       | 1974 | 5.279               | —         | —             | —             | 1.672            | —              | —       | —        | —      | 614       | —       | —          | 2.923         | 70      |                     |
|                       | 1975 | 4.952               | —         | —             | —             | 692              | —              | —       | —        | —      | 594       | —       | 39         | 3.559         | 68      |                     |
|                       | 1976 | 6.640               | —         | —             | —             | 1.320            | —              | —       | —        | —      | 454       | —       | —          | 4.460         | 406     |                     |
|                       | 1977 | 7.341               | —         | —             | —             | 1.245            | —              | 140     | —        | —      | 1.012     | —       | —          | 3.848         | 1.096   |                     |
| MOMPOS                | 1972 | 2.767               | —         | —             | —             | —                | —              | —       | —        | —      | —         | —       | —          | 1.108         | 1.659   |                     |
|                       | 1973 | 3.372               | —         | —             | —             | 9                | —              | —       | —        | —      | 183       | —       | —          | 1.450         | 1.730   |                     |
|                       | 1974 | 3.664               | —         | —             | —             | —                | —              | —       | —        | —      | 129       | —       | —          | 2.162         | 1.373   |                     |
|                       | 1975 | 1.718               | —         | —             | —             | 1                | —              | —       | —        | —      | 63        | —       | —          | 1.329         | 325     |                     |
|                       | 1976 | 1.913               | —         | —             | —             | 20               | —              | —       | —        | —      | 7         | —       | —          | 996           | 890     |                     |
|                       | 1977 | 1.972               | —         | —             | —             | —                | —              | —       | —        | —      | 15        | —       | —          | 1.902         | 55      |                     |
| MAGANGUE              | 1972 | 18.149              | —         | —             | 331           | 730              | 30             | 472     | 1.788    | 186    | —         | —       | —          | 1.369         | 13.243  |                     |
|                       | 1973 | 22.722              | 298       | —             | 167           | 1.192            | —              | 421     | 3.961    | 1.366  | —         | 252     | —          | 1.930         | 13.135  |                     |
|                       | 1974 | 41.753              | 540       | —             | 513           | 1.619            | 18             | 422     | 3.354    | 1.616  | —         | 116     | —          | 1.080         | 32.475  |                     |
|                       | 1975 | 36.455              | 1.741     | —             | 40            | 1.525            | —              | 550     | 3.992    | 2.171  | —         | 141     | —          | 2.178         | 24.117  |                     |
|                       | 1976 | 32.352              | —         | —             | —             | 1.991            | —              | 572     | 4.076    | 2.135  | —         | 224     | —          | 1.086         | 22.268  |                     |
|                       | 1977 | 36.552              | 100       | —             | 472           | 2.060            | —              | 690     | 3.526    | 1.301  | —         | 62      | —          | 7.981         | 20.360  |                     |
| CALAMAR               | 1972 | 788                 | —         | —             | —             | —                | —              | —       | —        | —      | 788       | —       | —          | —             | —       |                     |
|                       | 1973 | 668                 | —         | —             | —             | —                | —              | —       | —        | —      | —         | —       | 668        | —             | —       |                     |
|                       | 1974 | 25                  | —         | —             | —             | —                | —              | —       | —        | —      | 20        | —       | —          | 5             | —       |                     |
|                       | 1975 | 63                  | —         | —             | —             | 63               | —              | —       | —        | —      | —         | —       | —          | —             | —       |                     |
|                       | 1976 | 24                  | —         | —             | —             | —                | —              | —       | —        | —      | —         | —       | —          | 24            | —       |                     |
|                       | 1977 | 3.535               | —         | —             | —             | 3.535            | —              | —       | —        | —      | —         | —       | —          | —             | —       |                     |
| CARTAGENA             | 1972 | 959.655             | 40.293    | —             | 7.995         | 135.825          | 644            | 66.578  | 7.808    | —      | 26.314    | 3.951   | —          | 487.708       | 182.539 |                     |
|                       | 1973 | 1.360.551           | 90.411    | 1.600         | 13.596        | 265.783          | 75             | 74.761  | 6.041    | —      | 53.179    | —       | —          | 674.823       | 180.282 |                     |
|                       | 1974 | 1.454.003           | 70.008    | 1.500         | 5.728         | 309.830          | 6.157          | 87.545  | 8.849    | —      | 32.141    | —       | —          | 754.512       | 177.733 |                     |
|                       | 1975 | 1.626.746           | 32.060    | —             | —             | 680.471          | 2.540          | 21.041  | —        | —      | 57.165    | 1.375   | —          | 715.704       | 116.390 |                     |
|                       | 1976 | 1.122.485           | 19.752    | —             | 20            | 443.828          | 72             | 47.737  | —        | —      | 42.116    | —       | —          | 497.295       | 71.665  |                     |
|                       | 1977 | 661.039             | 12.636    | 72            | 7.756         | 207.822          | 11.876         | 22.108  | 410      | —      | 21.313    | —       | —          | 320.406       | 56.640  |                     |
| BARRAN-QUILLA         | 1972 | 93.538              | 29.615    | 1.146         | 3.207         | 16.578           | 227            | 9.970   | 6.828    | 1.814  | 185       | 228     | 4.625      | —             | 19.115  |                     |
|                       | 1973 | 146.949             | 30.724    | 1.537         | 6.466         | 26.760           | 13             | 22.944  | 8.358    | 3.127  | 1.195     | —       | 7.380      | —             | 38.445  |                     |
|                       | 1974 | 188.366             | 46.821    | 248           | 4.471         | 40.402           | 119            | 21.582  | 8.569    | 2.553  | 288       | —       | 16.191     | —             | 47.122  |                     |
|                       | 1975 | 136.014             | 14.199    | 5.728         | 990           | 16.554           | 527            | 14.622  | 9.351    | 2.631  | 11        | 3       | 4.903      | —             | 66.495  |                     |
|                       | 1976 | 127.608             | 5.999     | 1.691         | 54            | 20.191           | 369            | 22.718  | 10.700   | 3.495  | —         | —       | 2.395      | —             | 59.996  |                     |
|                       | 1977 | 331.442             | 13.066    | 1.350         | 2.300         | 81.280           | 34.422         | 58.190  | 13.234   | 2.458  | 2.748     | —       | 7.030      | —             | 115.364 |                     |
| PUERTOS IN-TERMEDIOS  | 1972 | 60.384              | 160       | —             | 933           | 1.512            | 180            | 3.443   | 1.780    | —      | 9.521     | —       | 23.335     | 14.899        | 4.621   |                     |
|                       | 1973 | 57.967              | —         | —             | 4.418         | 3.938            | 35             | 900     | 52       | 5      | 4.343     | —       | 12.067     | 25.653        | 6.556   |                     |
|                       | 1974 | 176.688             | —         | —             | 3.910         | 5.067            | —              | 2.931   | 384      | —      | 9.716     | —       | 84.934     | 44.341        | 25.405  |                     |
|                       | 1975 | 94.078              | 1.407     | —             | 5.744         | 16.179           | 1.251          | 1.750   | 352      | —      | 10.701    | —       | 13.769     | 37.940        | 4.985   |                     |
|                       | 1976 | 295.514             | 1.952     | —             | 11.659        | 123.773          | 2.919          | 14.132  | 4.110    | —      | 15.436    | —       | 23.444     | 87.501        | 10.588  |                     |
|                       | 1977 | 343.410             | 963       | —             | 10.599        | 125.694          | 1.520          | 4.306   | 2.930    | 367    | 20.862    | 40      | 33.984     | 121.684       | 20.461  |                     |

Fuente: DANE - Tabulados de transporte fluvial.

**CUADRO 28**  
**CARGA DESPACHADA Y RECIBIDA, SEGUN PUERTOS**  
**1976-1977**

(Toneladas-kilómetro)

| Puertos que despachan | Años | Puertos que reciben |            |               |               |                 |                |            |
|-----------------------|------|---------------------|------------|---------------|---------------|-----------------|----------------|------------|
|                       |      | Total               | La Dorada  | Puerto Salgar | Puerto Berrío | Barrancabermeja | Puerto Wilches | Gamarra    |
| TOTAL                 | 1976 | 1.608.788.899       | 32.822.789 | 1.755.588     | 15.446.650    | 343.572.666     | 1.242.970      | 43.101.410 |
|                       | 1977 | 1.081.187.335       | 28.318.028 | 1.216.609     | 24.389.136    | 229.873.684     | 27.206.112     | 41.463.903 |
| La Dorada             | 1976 | 7.352               | —          | —             | —             | 3.079           | —              | —          |
|                       | 1977 | 16.918              | —          | —             | —             | —               | —              | —          |
| Puerto Salgar         | 1976 | 557.757             | —          | —             | 60.395        | 149.471         | —              | 2.719      |
|                       | 1977 | —                   | —          | —             | —             | —               | —              | —          |
| Puerto Berrío         | 1976 | 36.045.269          | 190.315    | —             | —             | 4.625           | —              | —          |
|                       | 1977 | 15.633.930          | 294.094    | —             | —             | —               | —              | —          |
| Barrancabermeja       | 1976 | 893.114.279         | 8.739.796  | 313.165       | 10.747.150    | —               | 4.979          | 5.149.982  |
|                       | 1977 | 463.635.013         | 4.924.154  | —             | 12.371.537    | —               | —              | 3.505.386  |
| Puerto Wilches        | 1976 | 3.274               | —          | —             | —             | 3.274           | —              | —          |
|                       | 1977 | 1.867.780           | —          | —             | —             | 14.731          | —              | —          |
| Gamarra               | 1976 | 3.854.920           | —          | —             | —             | —               | —              | —          |
|                       | 1977 | 3.447.787           | —          | —             | 245.743       | 97.636          | —              | —          |
| El Banco              | 1976 | 2.123.661           | —          | —             | —             | 333.300         | —              | —          |
|                       | 1977 | 2.148.510           | —          | —             | —             | 314.362         | —              | 13.160     |
| Mompós                | 1976 | 457.335             | —          | —             | —             | 6.928           | —              | —          |
|                       | 1977 | 512.421             | —          | —             | —             | —               | —              | —          |
| Magangué              | 1976 | 7.994.860           | —          | —             | —             | 739.258         | —              | 121.722    |
|                       | 1977 | 9.327.182           | 62.790     | —             | 221.698       | 764.878         | —              | 146.832    |
| Calamar               | 1976 | 2.215               | —          | —             | —             | —               | —              | —          |
|                       | 1977 | 1.832.897           | —          | —             | —             | 1.832.897       | —              | —          |
| Cartagena             | 1976 | 485.471.949         | 17.847.907 | —             | 14.908        | 287.156.716     | 44.129         | 23.319.525 |
|                       | 1977 | 274.919.805         | 11.417.889 | 65.059        | 5.781.322     | 134.460.834     | 7.278.800      | 10.799.758 |
| Barranquilla          | 1976 | 60.456.084          | 5.126.745  | 1.442.423     | 37.546        | 12.078.256      | 208.116        | 10.005.007 |
|                       | 1977 | 165.651.342         | 11.166.203 | 1.151.550     | 1.599.190     | 48.621.696      | 19.414.008     | 25.626.876 |
| Puertos intermedios   | 1976 | 118.699.944         | 918.026    | —             | 4.586.651     | 43.097.759      | 985.746        | 4.502.455  |
|                       | 1977 | 142.193.750         | 452.898    | —             | 4.169.646     | 43.766.650      | 513.304        | 1.371.891  |

Fuente: DANE - Tabulados de transporte fluvial.

**CUADRO 28**  
**CARGA DESPACHADA Y RECIBIDA, SEGUN PUERTOS**  
**1976-1977**

Toneladas-kilómetro ( Conclusión)

| Puertos que despachan | Años | Puertos que reciben |         |            |         |             |              |                     |
|-----------------------|------|---------------------|---------|------------|---------|-------------|--------------|---------------------|
|                       |      | El Banco            | Mompós  | Magangué   | Calamar | Cartagena   | Barranquilla | Puertos intermedios |
| TOTAL                 | 1976 | 7.337.813           | 972.697 | 21.446.109 | 345.629 | 628.119.431 | 387.454.874  | 125.170.273         |
|                       | 1977 | 6.994.042           | 801.597 | 17.473.404 | 133.873 | 282.902.280 | 305.834.681  | 114.579.986         |
| La Dorada             | 1976 | —                   | —       | —          | —       | —           | 4.273        | —                   |
|                       | 1977 | —                   | —       | 2.512      | —       | —           | 4.273        | 10.133              |
| Puerto Salgar         | 1976 | —                   | —       | —          | —       | 345.172     | —            | —                   |
|                       | 1977 | —                   | —       | —          | —       | —           | —            | —                   |
| Puerto Berrio         | 1976 | 8.773               | —       | —          | —       | 33.262.730  | 11.820       | 2.567.006           |
|                       | 1977 | —                   | —       | —          | —       | 15.315.734  | —            | 24.102              |
| Barrancabermeja       | 1976 | 1.626.605           | —       | 3.864.862  | 312.656 | 581.605.769 | 231.712.770  | 49.036.545          |
|                       | 1977 | 650.693             | —       | 3.114.836  | 108.367 | 248.098.620 | 171.661.865  | 19.199.555          |
| Puerto Wilches        | 1976 | —                   | —       | —          | —       | —           | —            | —                   |
|                       | 1977 | —                   | —       | —          | —       | —           | 11.280       | 1.841.769           |
| Gamarra               | 1976 | 1.786               | —       | 642.869    | —       | —           | 3.172.400    | 37.865              |
|                       | 1977 | —                   | —       | 555.195    | —       | —           | 2.545.512    | 3.701               |
| El Banco              | 1976 | —                   | —       | 53.935     | —       | —           | 1.626.116    | 110.310             |
|                       | 1977 | —                   | —       | 120.225    | —       | —           | 1.402.980    | 297.783             |
| Mompós                | 1976 | —                   | —       | 124        | —       | —           | 262.048      | 188.235             |
|                       | 1977 | —                   | —       | 373        | —       | —           | 500.416      | 11.632              |
| Magangué              | 1976 | 484.229             | 53.162  | —          | 32.973  | —           | 259.445      | 6.304.071           |
|                       | 1977 | 418.888             | 32.394  | —          | 9.126   | —           | 1.906.660    | 5.763.916           |
| Calamar               | 1976 | —                   | —       | —          | —       | —           | 2.215        | —                   |
|                       | 1977 | —                   | —       | —          | —       | —           | —            | —                   |
| Cartagena             | 1976 | —                   | —       | 11.611.381 | —       | —           | 109.007.064  | 36.470.319          |
|                       | 1977 | 161.745             | —       | 5.897.307  | —       | —           | 70.232.995   | 28.824.096          |
| Barranquilla          | 1976 | 3.901.220           | 919.535 | —          | —       | 524.984     | —            | 26.212.252          |
|                       | 1977 | 4.825.116           | 646.699 | 656.497    | —       | 1.540.976   | —            | 50.402.531          |
| Puertos Intermedios   | 1976 | 1.315.200           | —       | 5.272.938  | —       | 12.380.776  | 41.396.723   | 4.243.670           |
|                       | 1977 | 937.600             | 122.504 | 7.126.459  | 16.380  | 17.946.950  | 57.568.700   | 8.200.768           |

Fuente: DANE - Tabulados de transporte fluvial.

**CUADRO 29**  
**TRANSPORTE DE GANADO, POR CLASES, SEGUN PUERTOS**  
**1976-1977**

(Cabezas)

| Puertos                | 1976   |                     |                    |                        | 1977   |        |       |                        |
|------------------------|--------|---------------------|--------------------|------------------------|--------|--------|-------|------------------------|
|                        | Total  | Vacuno              | Menor              | Caballar mular y asnal | Total  | Vacuno | Menor | Caballar mular y asnal |
| <b>Entradas</b>        |        |                     |                    |                        |        |        |       |                        |
| TOTAL                  | 44.894 | 43.074 <sup>®</sup> | 1.575 <sup>®</sup> | 245                    | 43.465 | 43.284 | 89    | 92                     |
| La Dorada              | 1.000  | 1.000               | —                  | —                      | —      | —      | —     | —                      |
| Puerto Salgar          | —      | —                   | —                  | —                      | —      | —      | —     | —                      |
| Puerto Berrio          | 4.315  | 4.315               | —                  | —                      | 1.091  | 1.091  | —     | —                      |
| Barrancabermeja        | 9.217  | 9.174               | 40                 | 3                      | 7.980  | 7.874  | 23    | 83                     |
| Gamarra                | 1.030  | 1.030               | —                  | —                      | 600    | 600    | —     | —                      |
| El Banco               | —      | —                   | —                  | —                      | 1.770  | 1.770  | —     | —                      |
| Mompós                 | —      | —                   | —                  | —                      | 11     | 11     | —     | —                      |
| Magangué               | 5.093  | 5.093               | —                  | —                      | 6.036  | 6.036  | —     | —                      |
| Barranquilla           | 9.916  | 8.231               | 1.447              | 238                    | 13.863 | 13.797 | 66    | —                      |
| Puertos Intermedios 1/ | 14.323 | 14.231 <sup>®</sup> | 88 <sup>®</sup>    | 4                      | 12.114 | 12.105 | —     | 9                      |
| <b>Salidas</b>         |        |                     |                    |                        |        |        |       |                        |
| TOTAL                  | 44.894 | 43.074              | 1.575              | 245                    | 43.465 | 43.284 | 89    | 92                     |
| Puerto Berrio          | 150    | 150                 | —                  | —                      | —      | —      | —     | —                      |
| Barrancabermeja        | 530    | 530                 | —                  | —                      | 15     | 15     | —     | —                      |
| El Banco               | 4.834  | 4.834               | —                  | —                      | 8.552  | 8.552  | —     | —                      |
| Mompós                 | 5.234  | 4.849               | 355                | 30                     | 5.165  | 5.165  | —     | —                      |
| Magangué               | 2.392  | 2.351               | 40                 | 1                      | 3.856  | 3.847  | —     | 9                      |
| Barranquilla           | 88     | —                   | 88                 | —                      | —      | —      | —     | —                      |
| Puertos Intermedios    | 31.666 | 30.360              | 1.092              | 214                    | 25.877 | 25.705 | 89    | 83                     |

1/ Las cifras se toman del registro llevado en los puertos de donde sale el ganado con destino a intermedios.

Fuente: DANE - Tabulados de transporte fluvial.

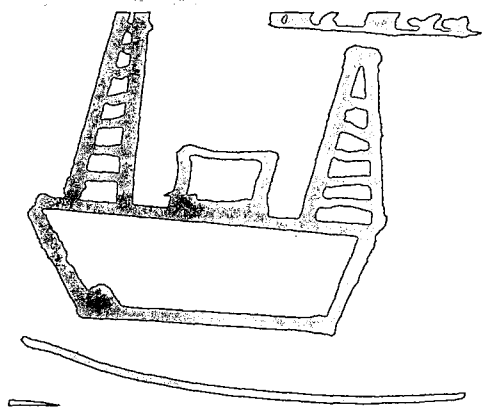
**CUADRO 30**  
**INTERCAMBIO DE GANADO, SEGUN PUERTOS**  
**1976-1977**

(Cabezas)

| Puertos que despachan         | Años | Puertos que reciben |              |          |        |          |         |                 |               |           |                     |
|-------------------------------|------|---------------------|--------------|----------|--------|----------|---------|-----------------|---------------|-----------|---------------------|
|                               |      | Total               | Barranquilla | Magangué | Mompós | El Banco | Gamarra | Barrancabermeja | Puerto Berrio | La Dorada | Puertos Intermedios |
| TOTAL                         | 1976 | 44.894              | 9.916        | 5.093    | —      | —        | 1.030   | 9.217           | 4.315         | 1.000     | 14.323              |
|                               | 1977 | 43.465              | 13.863       | 6.036    | 11     | 1.770    | 600     | 7.980           | 1.091         | —         | 12.114              |
| Magangué                      | 1976 | 2.392               | 85           | —        | —      | —        | 830     | 687             | —             | —         | 790                 |
|                               | 1977 | 3.856               | 1.487        | —        | 11     | —        | 250     | 17              | —             | —         | 2.091               |
| Mompós                        | 1976 | 5.234               | 1.676        | —        | —      | —        | —       | —               | —             | —         | 3.558               |
|                               | 1977 | 5.165               | 4.785        | —        | —      | —        | —       | —               | —             | —         | 380                 |
| El Banco                      | 1976 | 4.834               | 1.099        | —        | —      | —        | —       | 2.469           | —             | —         | 1.266               |
|                               | 1977 | 8.552               | 1.688        | 42       | —      | —        | —       | 2.525           | —             | —         | 4.297               |
| Barrancabermeja               | 1976 | 530                 | —            | —        | —      | —        | —       | —               | —             | —         | 530                 |
|                               | 1977 | 15                  | —            | 15       | —      | —        | —       | —               | —             | —         | —                   |
| Puerto Berrio                 | 1976 | 150                 | —            | —        | —      | —        | —       | 150             | —             | —         | —                   |
|                               | 1977 | —                   | —            | —        | —      | —        | —       | —               | —             | —         | —                   |
| Barranquilla                  | 1976 | 88                  | —            | —        | —      | —        | —       | —               | —             | —         | 88                  |
|                               | 1977 | —                   | —            | —        | —      | —        | —       | —               | —             | —         | —                   |
| <b>Puertos Intermedios 1/</b> |      |                     |              |          |        |          |         |                 |               |           |                     |
| Intermedios 1/                | 1976 | 31.666              | 7.056        | 5.093    | —      | —        | 200     | 5.911           | 4.315         | 1.000     | 8.091               |
|                               | 1977 | 25.877              | 5.903        | 5.979    | —      | 1.770    | 350     | 5.438           | 1.091         | —         | 5.346               |

1/ Las cifras se toman del registro llevado en los puertos de donde sale el ganado con destino a intermedios.

Fuente: DANE - Tabulados de transporte fluvial.



## F-Transporte de cabotaje

El total de la carga movilizada en 1977 entre los puertos colombianos, ubicados sobre las dos costas marinas, fue de 2.362.237 toneladas métricas, del cual correspondió el 63.6o/o (1.501.700 toneladas) a productos de minas y el 35.5o/o (838.469 toneladas) a productos manufacturados. Al comparar estas cifras con las registradas en 1976, se presenta un incremento de 14.3o/o en el total, originado por el aumento de 399.149 toneladas en los productos manufacturados que equivale al 90.9o/o (cuadro 31).

De la carga despachada, 1.532.197 toneladas salieron de Tumaco (64.9o/o) y 772.880 de Cartagena (32.7o/o). De la carga recibida, 1.216.937 toneladas ingresaron al puerto de Cartagena (51.5o/o); Buenaventura recibió el 11.3o/o y Barranquilla el 10.1o/o. Cartagena despachó el 91.8o/o de los productos manufacturados y recibió el 76.2o/o de los productos de minas; el 99.8o/o de los productos de minas salió de Tumaco (cuadro 32).

**CUADRO 31**  
**MOVIMIENTO DE CARGA, POR GRUPOS DE PRODUCTOS, SEGUN PUERTOS**  
**1971-1977**

(Toneladas métricas)

| Puertos         | Años | Total     |             | Productos de agricultura |             | Animales y sus productos |             | Productos forestales |             | Productos de minas |             | Productos manufacturados 1/ |             |
|-----------------|------|-----------|-------------|--------------------------|-------------|--------------------------|-------------|----------------------|-------------|--------------------|-------------|-----------------------------|-------------|
|                 |      | Recibi-da | Despa-chada | Recibi-da                | Despa-chada | Recibi-da                | Despa-chada | Recibi-da            | Despa-chada | Recibi-da          | Despa-chada | Recibi-da                   | Despa-chada |
| RESUMEN GENERAL | 1971 | 477.771   | 477.771     | 18.273                   | 18.273      | 252                      | 252         | 14.419               | 14.419      | 20.112             | 20.112      | 424.715                     | 424.715     |
|                 | 1972 | 1.729.405 | 1.729.405   | 10.180                   | 10.180      | 339                      | 339         | 35.706               | 35.706      | 1.235.633          | 1.235.633   | 447.547                     | 447.547     |
|                 | 1973 | 2.130.746 | 2.130.746   | 10.979                   | 10.979      | 59                       | 59          | 2.546                | 2.546       | 1.552.572          | 1.552.572   | 564.590                     | 564.590     |
|                 | 1974 | 2.685.151 | 2.685.151   | 6.503                    | 6.503       | 82                       | 82          | 14.711               | 14.711      | 2.017.622          | 2.017.622   | 646.233                     | 646.233     |
|                 | 1975 | 2.051.835 | 2.051.835   | 9.286                    | 9.286       | 98                       | 98          | 16.427               | 16.427      | 1.570.024          | 1.570.024   | 456.000                     | 456.000     |
|                 | 1976 | 2.066.960 | 2.066.960   | 7.500                    | 7.500       | 68                       | 68          | 14.166               | 14.166      | 1.605.907          | 1.605.907   | 439.319                     | 439.319     |
|                 | 1977 | 2.362.237 | 2.362.237   | 11.210                   | 11.210      | 31                       | 31          | 10.828               | 10.828      | 1.501.700          | 1.501.700   | 838.468                     | 838.468     |
| ACANDI          | 1971 | 624       | 155         | 30                       | 117         | —                        | —           | —                    | 15          | 19                 | —           | 575                         | 23          |
|                 | 1972 | 2.943     | 152         | 102                      | 44          | 2                        | 2           | 336                  | 106         | 19                 | —           | 2.484                       | —           |
|                 | 1973 | 423       | 93          | 40                       | 4           | —                        | —           | 1                    | 89          | 10                 | —           | 372                         | —           |
|                 | 1974 | 513       | 172         | 25                       | 25          | —                        | —           | 4                    | 147         | 14                 | —           | 470                         | —           |
|                 | 1975 | 248       | —           | 20                       | —           | —                        | —           | —                    | —           | 7                  | —           | 221                         | —           |
|                 | 1976 | 323       | 44          | 21                       | 27          | —                        | —           | —                    | 17          | 13                 | —           | 289                         | —           |
|                 | 1977 | 360       | —           | 35                       | —           | —                        | —           | —                    | —           | 9                  | —           | 316                         | —           |
| BARRAN-QUILLA   | 1971 | 16.679    | 14.597      | 1.373                    | 183         | —                        | —           | 6.964                | 1           | 2.289              | 419         | 6.053                       | 13.994      |
|                 | 1972 | 13.194    | 20.489      | 752                      | 420         | 49                       | —           | 1.509                | 13          | 420                | 302         | 10.464                      | 19.754      |
|                 | 1973 | 19.482    | 36.949      | 614                      | 39          | —                        | 1           | 228                  | 10          | 258                | 403         | 18.382                      | 36.496      |
|                 | 1974 | 5.687     | 7.768       | 102                      | —           | —                        | —           | 4.884                | 3           | 1                  | 440         | 700                         | 7.325       |
|                 | 1975 | 13.214    | 2.021       | 392                      | —           | —                        | —           | 928                  | —           | —                  | —           | 11.894                      | 2.021       |
|                 | 1976 | 11.209    | 6.773       | 99                       | 208         | —                        | —           | 5                    | —           | —                  | 10          | 11.105                      | 6.555       |
|                 | 1977 | 239.059   | 29.682      | —                        | —           | —                        | —           | 73                   | —           | —                  | —           | 238.986                     | 29.682      |
| BUENA-VENTURA   | 1971 | 281.020   | 4.270       | 8.000                    | —           | —                        | —           | 3.159                | 12          | 13.819             | —           | 256.042                     | 4.258       |
|                 | 1972 | 267.119   | 34.677      | —                        | 888         | —                        | 232         | 398                  | 33.130      | —                  | —           | 266.721                     | 427         |
|                 | 1973 | 416.993   | 6.176       | 4.500                    | —           | —                        | —           | 607                  | 90          | 40.942             | 2.436       | 370.944                     | 3.648       |
|                 | 1974 | 448.665   | 530         | 1                        | —           | —                        | —           | 1.479                | —           | 126                | —           | 447.059                     | 530         |
|                 | 1975 | 217.806   | 8.122       | —                        | 17          | —                        | —           | 2.250                | 496         | —                  | 1.255       | 215.556                     | 6.354       |
|                 | 1976 | 268.603   | 993         | —                        | —           | —                        | —           | 576                  | —           | 62                 | 35          | 267.965                     | 958         |
|                 | 1977 | 267.658   | —           | 567                      | —           | —                        | —           | 184                  | —           | 2                  | —           | 266.905                     | —           |
| CARTAGENA       | 1971 | 16.341    | 412.329     | 4.652                    | 10.811      | 4                        | 162         | 3.608                | 256         | —                  | 17.356      | 8.077                       | 383.744     |
|                 | 1972 | 1.208.509 | 452.112     | 3.057                    | 3.924       | 41                       | 53          | 4.211                | 396         | 1.194.514          | 38.814      | 6.686                       | 408.925     |
|                 | 1973 | 1.211.192 | 609.671     | 1.935                    | 7.816       | 1                        | 7           | 1.243                | 184         | 1.203.555          | 90.685      | 4.458                       | 510.979     |
|                 | 1974 | 1.377.154 | 686.261     | 3.898                    | 1.984       | —                        | 38          | 7.188                | 301         | 1.361.681          | 56.071      | 4.387                       | 627.867     |
|                 | 1975 | 942.343   | 440.789     | 5.602                    | 2.041       | 2                        | 48          | 12.059               | 12          | 920.555            | 793         | 4.125                       | 437.895     |
|                 | 1976 | 963.266   | 427.813     | 4.696                    | 2.305       | 1                        | 22          | 12.971               | 122         | 941.034            | 1.237       | 4.564                       | 424.127     |
|                 | 1977 | 1.216.937 | 772.880     | 7.789                    | 1.825       | —                        | 9           | 10.226               | 34          | 1.144.816          | 1.031       | 54.106                      | 769.981     |
| COVENAS         | 1971 | 79.911    | 1.580       | 264                      | 94          | 50                       | —           | 164                  | —           | 1                  | 16          | 79.432                      | 1.470       |
|                 | 1972 | 85.823    | 3.780       | 32                       | 23          | 2                        | 4           | 677                  | —           | 19                 | —           | 85.093                      | 3.753       |
|                 | 1973 | 305.400   | 5.947       | 109                      | —           | —                        | —           | 25                   | —           | 217.366            | —           | 87.900                      | 5.947       |
|                 | 1974 | 722.244   | 3.150       | 52                       | —           | —                        | —           | 128                  | —           | 616.855            | —           | 105.209                     | 3.150       |
|                 | 1975 | 793.402   | 2.600       | 41                       | —           | —                        | —           | 80                   | —           | 647.349            | —           | 145.932                     | 2.600       |
|                 | 1976 | 187.241   | 1.300       | —                        | —           | —                        | —           | 112                  | —           | 88.274             | —           | 98.855                      | 1.300       |
|                 | 1977 | 164.261   | —           | 36                       | —           | —                        | —           | —                    | —           | —                  | —           | 164.225                     | —           |

1/ Incluye la información correspondiente a "varios sin clasificar".

**CUADRO 31**  
**MOVIMIENTO DE CARGA, POR GRUPOS DE PRODUCTOS, SEGUN PUERTOS**  
**1971-1977**

Toneladas métricas (Continuación)

| Puertos     | Años | Total     |             | Productos de agricultura |             | Animales y sus productos |             | Productos forestales |             | Productos de minas |             | Productos manufacturados |             |
|-------------|------|-----------|-------------|--------------------------|-------------|--------------------------|-------------|----------------------|-------------|--------------------|-------------|--------------------------|-------------|
|             |      | Reci-bida | Despa-chada | Reci-bida                | Despa-chada | Reci-bida                | Despa-chada | Reci-bida            | Despa-chada | Reci-bida          | Despa-chada | Reci-bida                | Despa-chada |
| SAN ANDRES  | 1971 | 23.595    | 8.691       | 1.783                    | 2.770       | 197                      | 5           | 236                  | 45          | 2.108              | 7           | 19.271                   | 5.861       |
|             | 1972 | 26.050    | 9.931       | 2.514                    | 1.909       | 109                      | —           | 842                  | 58          | 1.259              | 6           | 21.326                   | 7.958       |
|             | 1973 | 28.972    | 7.774       | 2.156                    | 1.273       | 43                       | 15          | 190                  | 71          | 896                | 4           | 25.687                   | 6.411       |
|             | 1974 | 38.686    | 8.038       | 1.108                    | 2.366       | 78                       | 1           | 299                  | 20          | 259                | 4           | 36.942                   | 5.647       |
|             | 1975 | 22.898    | 8.530       | 949                      | 2.736       | 94                       | 2           | 7                    | 13          | 143                | 65          | 21.705                   | 5.714       |
|             | 1976 | 21.039    | 7.223       | 876                      | 2.018       | 66                       | 1           | 122                  | 42          | 110                | 2           | 19.865                   | 5.160       |
|             | 1977 | 27.759    | 7.853       | 1.270                    | 2.320       | 30                       | 1           | 31                   | 13          | 155                | 2           | 26.273                   | 5.517       |
| RIOHACHA    | 1971 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1972 | 1.075     | —           | —                        | —           | —                        | —           | 35                   | —           | —                  | —           | 1.040                    | —           |
|             | 1973 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1974 | 720       | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | 720                      | —           |
|             | 1975 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1976 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1977 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
| MANAURE     | 1971 | 1.670     | —           | 315                      | —           | —                        | —           | —                    | —           | —                  | —           | 1.355                    | —           |
|             | 1972 | 1.626     | —           | 4                        | —           | —                        | —           | 60                   | —           | 1.562              | —           | —                        | —           |
|             | 1973 | 1.600     | 3.650       | —                        | —           | —                        | —           | —                    | —           | 1.600              | 3.650       | —                        | —           |
|             | 1974 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1975 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1976 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1977 | —         | 1.450       | —                        | —           | —                        | —           | —                    | —           | —                  | 1.450       | —                        | —           |
| SANTA MARTA | 1971 | 149       | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | 149                      | —           |
|             | 1972 | 2.309     | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | 2.309                    | —           |
|             | 1973 | 8.500     | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | 8.500                    | —           |
|             | 1974 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1975 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1976 | 507.645   | —           | —                        | —           | —                        | —           | —                    | —           | 507.645            | —           | —                        | —           |
|             | 1977 | 397.353   | —           | —                        | —           | —                        | —           | —                    | —           | 355.845            | —           | 41.508                   | —           |
| TOLU        | 1971 | 81        | 165         | 38                       | —           | —                        | —           | 37                   | —           | —                  | —           | 6                        | 165         |
|             | 1972 | 3.737     | —           | 178                      | —           | 6                        | —           | 3.485                | —           | —                  | —           | 68                       | —           |
|             | 1973 | 650       | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | 650                      | —           |
|             | 1974 | 2.009     | —           | —                        | —           | —                        | —           | 42                   | —           | —                  | —           | 1.967                    | —           |
|             | 1975 | 7         | —           | 7                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1976 | —         | —           | —                        | —           | —                        | —           | —                    | —           | —                  | —           | —                        | —           |
|             | 1977 | 4.550     | —           | —                        | —           | —                        | —           | 20                   | —           | —                  | —           | 4.530                    | —           |



**CUADRO 31**  
**MOVIMIENTO DE CARGA, POR GRUPOS DE PRODUCTOS, SEGUN PUERTOS**  
**1971-1977**

Toneladas métricas. (Conclusión)

| Puertos             | Años | Total     |             | Productos de agricultura |             | Animales y sus productos |             | Productos forestales |             | Productos de minas |             | Productos 1/ manufacturados |             |
|---------------------|------|-----------|-------------|--------------------------|-------------|--------------------------|-------------|----------------------|-------------|--------------------|-------------|-----------------------------|-------------|
|                     |      | Reci-bida | Despa-chada | Reci-bida                | Despa-chada | Reci-bida                | Despa-chada | Reci-bida            | Despa-chada | Reci-bida          | Despa-chada | Reci-bida                   | Despa-chada |
| TUMACO              | 1971 | 5.801     | 5.881       | —                        | —           | —                        | —           | —                    | 3.420       | —                  | —           | 5.801                       | 2.461       |
|                     | 1972 | 42.995    | 1.196.756   | 129                      | —           | 23                       | —           | 6.522                | 398         | 36.254             | 1.196.076   | 67                          | 282         |
|                     | 1973 | 3.265     | 1.455.917   | —                        | —           | —                        | —           | 80                   | 819         | 2.187              | 1.454.933   | 998                         | 167         |
|                     | 1974 | 514       | 1.963.045   | —                        | —           | —                        | —           | —                    | 1.931       | —                  | 1.961.106   | 514                         | 8           |
|                     | 1975 | 5.704     | 1.570.190   | —                        | —           | —                        | —           | 336                  | 2.250       | —                  | 1.567.903   | 5.368                       | 37          |
|                     | 1976 | 2.381     | 1.605.107   | —                        | —           | —                        | —           | —                    | 576         | —                  | 1.604.523   | 2.381                       | 8           |
|                     | 1977 | —         | 1.532.197   | —                        | 567         | —                        | —           | —                    | 184         | —                  | 1.499.201   | —                           | 32.245      |
| TURBO               | 1971 | 42.420    | 27.962      | 1.198                    | 3.582       | —                        | 50          | 32                   | 10.655      | 1.605              | 2.290       | 39.585                      | 11.385      |
|                     | 1972 | 44.612    | 9.652       | 1.848                    | 1.504       | 23                       | —           | 3.942                | 1.551       | 902                | 435         | 37.897                      | 6.162       |
|                     | 1973 | 26.700    | 3.655       | 908                      | 1.298       | —                        | —           | 89                   | 1.004       | 257                | 461         | 25.446                      | 892         |
|                     | 1974 | 32.227    | 15.230      | 597                      | 1.701       | —                        | —           | 211                  | 11.858      | 564                | 1           | 30.855                      | 1.670       |
|                     | 1975 | 47.640    | 17.100      | 1.537                    | 3.482       | 2                        | —           | 544                  | 12.526      | 410                | 4           | 45.147                      | 1.088       |
|                     | 1976 | 28.682    | 17.207      | 920                      | 2.884       | —                        | —           | 302                  | 13.124      | 645                | 100         | 26.815                      | 1.099       |
|                     | 1977 | 38.074    | 16.789      | 1.194                    | 5.548       | —                        | —           | 272                  | 10.220      | 543                | 14          | 36.065                      | 1.007       |
| OTROS<br>PUERTOS    | 1971 | 9.480     | 2.141       | 620                      | 716         | 1                        | 35          | 219                  | 15          | 271                | 24          | 8.369                       | 1.351       |
|                     | 1972 | 29.413    | 1.856       | 1.564                    | 1.468       | 84                       | 48          | 13.689               | 54          | 684                | —           | 13.392                      | 287         |
|                     | 1973 | 107.569   | 914         | 717                      | 549         | 15                       | 36          | 83                   | 279         | 85.501             | —           | 21.253                      | 50          |
|                     | 1974 | 56.732    | 957         | 720                      | 427         | 4                        | 43          | 476                  | 451         | 38.122             | —           | 17.410                      | 36          |
|                     | 1975 | 8.537     | 2.483       | 738                      | 1.010       | —                        | 48          | 223                  | 1.130       | 1.560              | 4           | 6.052                       | 291         |
|                     | 1976 | 76.571    | 500         | 888                      | 58          | 1                        | 45          | 78                   | 285         | 68.124             | —           | 7.480                       | 112         |
|                     | 1977 | 6.226     | 1.386       | 319                      | 950         | 1                        | 21          | 22                   | 377         | 330                | 2           | 5.554                       | 36          |
| CIFRAS<br>RELATIVAS | 1971 | 100       | 100         | 3.83                     | 3.83        | 0.05                     | 0.05        | 3.02                 | 3.02        | 4.21               | 4.21        | 88.89                       | 88.89       |
|                     | 1972 | 100       | 100         | 0.59                     | 0.59        | 0.02                     | 0.02        | 2.06                 | 2.06        | 71.45              | 71.45       | 25.88                       | 25.88       |
|                     | 1973 | 100       | 100         | 0.51                     | 0.51        | 0.01                     | 0.01        | 0.12                 | 0.12        | 72.86              | 72.86       | 26.50                       | 26.50       |
|                     | 1974 | 100       | 100         | 0.24                     | 0.24        | 0.01                     | 0.01        | 0.54                 | 0.54        | 75.14              | 75.14       | 24.07                       | 24.07       |
|                     | 1975 | 100       | 100         | 0.45                     | 0.45        | 0.01                     | 0.01        | 0.80                 | 0.80        | 76.52              | 76.52       | 22.22                       | 22.22       |
|                     | 1976 | 100       | 100         | 0.36                     | 0.36        | 0.01                     | 0.01        | 0.69                 | 0.69        | 77.69              | 77.69       | 21.25                       | 21.25       |
|                     | 1977 | 100       | 100         | 0.47                     | 0.47        | 0.01                     | 0.01        | 0.46                 | 0.46        | 63.57              | 63.57       | 35.49                       | 35.49       |

1/ Incluye la información correspondiente a "varios sin clasificar".

Fuente: DANE - Tabulados del movimiento de cabotaje

**CUADRO 32**  
**CARGA DESPACHADA Y RECIBIDA, SEGUN PUERTOS**  
**1976-1977**

| Puertos que despachan | Años | (Toneladas métricas) |        |              |               |            |         |            |             |       |        |        |               |
|-----------------------|------|----------------------|--------|--------------|---------------|------------|---------|------------|-------------|-------|--------|--------|---------------|
|                       |      | Puertos que reciben  |        |              |               |            |         |            |             |       |        |        |               |
|                       |      | Total                | Acandí | Barranquilla | Buena-ventura | Carta-gena | Coveñas | San Andrés | Santa Marta | Tolú  | Tumaco | Turbo  | Otros puertos |
| TOTAL                 | 1976 | 2.066.960            | 323    | 11.209       | 268.603       | 963.266    | 187.241 | 21.039     | 507.645     | —     | 2.381  | 28.682 | 76.571        |
|                       | 1977 | 2.362.237            | 360    | 239.059      | 267.658       | 1.216.937  | 164.261 | 27.759     | 397.353     | 4.550 | —      | 38.074 | 6.226         |
| Acandí                | 1976 | 44                   | —      | —            | —             | —          | —       | —          | —           | —     | —      | 44     | —             |
|                       | 1977 | —                    | —      | —            | —             | —          | —       | —          | —           | —     | —      | —      | —             |
| Barranquilla          | 1976 | 6.773                | —      | —            | 34            | —          | —       | 1.953      | —           | —     | 2.337  | 285    | 2.164         |
|                       | 1977 | 29.682               | —      | —            | 5.310         | 17.551     | —       | 653        | —           | 4.530 | —      | 608    | 1.030         |
| Buenaventura          | 1976 | 993                  | —      | 2            | —             | —          | —       | —          | —           | —     | 44     | —      | 947           |
|                       | 1977 | —                    | —      | —            | —             | —          | —       | —          | —           | —     | —      | —      | —             |
| Cartagena             | 1976 | 427.813              | 323    | 10.755       | 267.986       | —          | 98.855  | 17.669     | —           | —     | —      | 27.970 | 4.255         |
|                       | 1977 | 772.880              | 351    | 238.986      | 260.701       | —          | 164.225 | 27.053     | 41.508      | —     | —      | 36.249 | 3.807         |
| Coveñas               | 1976 | 1.300                | —      | —            | —             | —          | —       | 1.300      | —           | —     | —      | —      | —             |
|                       | 1977 | —                    | —      | —            | —             | —          | —       | —          | —           | —     | —      | —      | —             |
| San Andrés            | 1976 | 7.223                | —      | 15           | —             | 5.710      | —       | —          | —           | —     | —      | —      | 1.498         |
|                       | 1977 | 7.853                | —      | —            | —             | 6.544      | —       | —          | —           | —     | —      | —      | 1.309         |
| Tumaco                | 1976 | 1.605.107            | —      | —            | 583           | 940.934    | 88.274  | —          | 507.645     | —     | —      | —      | 67.671        |
|                       | 1977 | 1.532.197            | —      | —            | 1.647         | 1.174.705  | —       | —          | 355.845     | —     | —      | —      | —             |
| Turbo                 | 1976 | 17.207               | —      | 437          | —             | 16.622     | 112     | —          | —           | —     | —      | —      | 36            |
|                       | 1977 | 16.789               | 9      | 73           | —             | 16.571     | 36      | —          | —           | 20    | —      | —      | 80            |
| Otros puertos         | 1976 | 500                  | —      | —            | —             | —          | —       | 117        | —           | —     | —      | 383    | —             |
|                       | 1977 | 2.836                | —      | —            | —             | 1.566      | —       | 53         | —           | —     | —      | 1.217  | —             |

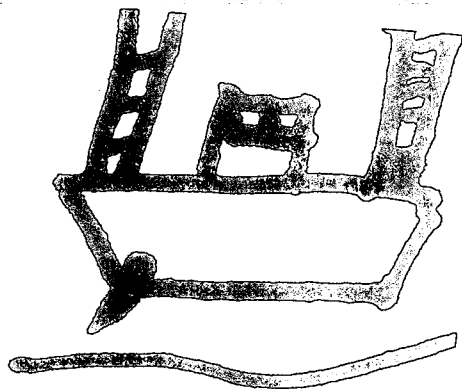
Fuente: DANE — Tabulados del movimiento de cabotaje.

**CUADRO 33**  
**CARGA DESPACHADA Y RECIBIDA, SEGUN PUERTOS**  
**1976-1977**

(Toneladas - kilómetro)

| Puertos<br>que<br>despachan | Puertos que reciben |         |                   |                   |                |             |               |                |           |           |            |
|-----------------------------|---------------------|---------|-------------------|-------------------|----------------|-------------|---------------|----------------|-----------|-----------|------------|
|                             | Total               | Acandí  | Barran-<br>quilla | Buena-<br>ventura | Carta-<br>gena | Coveñas     | San<br>Andrés | Santa<br>Marta | Tolú      | Tumaco    | Turbo      |
| <b>TOTAL</b>                |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 2.534.883.120       | 135.983 | 2.298.533         | 336.277.052       | 1.311.826.398  | 120.308.048 | 14.625.476    | 734.562.315    | —         | 5.171.311 | 9.678.004  |
| 1977                        | 2.598.652.292       | 148.590 | 46.159.192        | 334.148.790       | 1.638.726.870  | 21.358.070  | 19.000.532    | 525.077.175    | 1.381.540 | —         | 12.651.533 |
| <b>Acandí</b>               |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 4.004               | —       | —                 | —                 | —              | —           | —             | —              | —         | —         | 4.004      |
| 1977                        | —                   | —       | —                 | —                 | —              | —           | —             | —              | —         | —         | —          |
| <b>Barranquilla</b>         |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 6.821.313           | —       | —                 | 43.044            | —              | —           | 1.484.280     | —              | —         | 5.157.759 | 136.230    |
| 1977                        | 11.694.827          | —       | —                 | 6.722.460         | 2.808.343      | —           | 496.280       | —              | 1.377.120 | —         | 290.624    |
| <b>Buenaventura</b>         |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 16.084              | —       | 2.532             | —                 | —              | —           | —             | —              | —         | 13.552    | —          |
| 1977                        | —                   | —       | —                 | —                 | —              | —           | —             | —              | —         | —         | —          |
| <b>Cartagena</b>            |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 372.740.658         | 135.983 | 2.075.715         | 336.054.444       | —              | 12.851.150  | 12.085.596    | —              | —         | —         | 9.537.770  |
| 1977                        | 435.574.994         | 147.771 | 46.124.298        | 326.919.054       | —              | 21.349.250  | 18.504.252    | 10.169.460     | —         | —         | 12.360.909 |
| <b>Coveñas</b>              |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 1.055.600           | —       | —                 | —                 | —              | —           | 1.055.600     | —              | —         | —         | —          |
| 1977                        | —                   | —       | —                 | —                 | —              | —           | —             | —              | —         | —         | —          |
| <b>San Andrés</b>           |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 3.917.040           | —       | 11.400            | —                 | 3.905.640      | —           | —             | —              | —         | —         | —          |
| 1977                        | 4.476.096           | —       | —                 | —                 | 4.476.096      | —           | —             | —              | —         | —         | —          |
| <b>Tumaco</b>               |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 2.144.423.993       | —       | —                 | 179.564           | 1.302.252.656  | 107.429.458 | —             | 734.562.315    | —         | —         | —          |
| 1977                        | 2.141.206.711       | —       | —                 | 507.276           | 1.625.791.720  | —           | —             | 514.907.715    | —         | —         | —          |
| <b>Turbo</b>                |                     |         |                   |                   |                |             |               |                |           |           |            |
| 1976                        | 5.904.428           | —       | 208.886           | —                 | 5.668.102      | 27.440      | —             | —              | —         | —         | —          |
| 1977                        | 5.699.664           | 819     | 34.894            | —                 | 5.650.711      | 8.820       | —             | —              | 4.420     | —         | —          |

Fuente: DANE - Tabulados del movimiento de cabotaje.



## **G-Transporte marítimo internacional**

Se presenta información para el período 1968 – 1977 sobre el movimiento de embarcaciones entradas y salidas de nueve puertos colombianos, según banderas, indicándose el tonelaje neto de registro y la carga embarcada o desembarcada.

### **Importaciones**

La carga importada por este medio de transporte en 1977, fué de 3.662.664 toneladas, superior en 1.481.159 (67.9o/o) a la registrada en 1976. El 74.0o/o de esta carga entró por los puertos de Buenaventura (32.1o/o), Barranquilla (25.4o/o) y Santa Marta (16.5o/o). En este mismo renglón por tipo de bandera, y en orden de importancia, figuran las siguientes: liberiana 17.3o/o, griega 12.8o/o, panameña 8.8o/o, colombiana 8.6o/o, inglesa 7.1o/o (Cuadros 34 y 35).

### **Exportaciones**

Por puertos colombianos, se exportaron 1.954.090 toneladas de carga, presentándose una disminución de 16.6o/o con relación a 1976, cuando tal cifra llegó a 2.341.521 toneladas; este descenso se originó por las bajas de 59.1, 41.5 y 25.2o/o registradas en los puertos de Tumaco, Buenaventura y Barranquilla en su orden.

La participación porcentual de las banderas más importantes en el total de carga transportada hacia el exterior fue la siguiente: inglesa 13.0o/o, liberiana 11.1o/o, panameña 10.3o/o, colombiana 8.1o/o, alemana 6.8o/o y sueca 6.8o/o (cuadros 34 y 35).

**CUADRO 34**  
**MOVIMIENTO DE EMBARCACIONES, SEGUN PUERTOS COLOMBIANOS**  
**1968-1977**

| Puertos         | Años | Entradas                |                           |                                | Salidas                 |                           |                             |
|-----------------|------|-------------------------|---------------------------|--------------------------------|-------------------------|---------------------------|-----------------------------|
|                 |      | Número de embarcaciones | Tonelaje neto de registro | Carga desembarcada (Toneladas) | Número de embarcaciones | Tonelaje neto de registro | Carga embarcada (Toneladas) |
| RESUMEN GENERAL | 1968 | 2.816                   | 10.700.336                | 1.626.348                      | 2.835                   | 10.878.510                | 5.905.978                   |
|                 | 1969 | 3.035                   | 11.695.952                | 2.164.753                      | 3.022                   | 11.749.492                | 6.756.629                   |
|                 | 1970 | 3.366                   | 12.375.633                | 2.460.783                      | 3.300                   | 12.131.727                | 5.432.920                   |
|                 | 1971 | 3.419                   | 15.489.690                | 1.941.248                      | 3.344                   | 15.898.795                | 1.829.260                   |
|                 | 1972 | 3.180                   | 11.606.005                | 1.620.069                      | 3.073                   | 11.375.934                | 1.709.399                   |
|                 | 1973 | 3.048                   | 10.945.276                | 3.223.676                      | 2.935                   | 10.674.084                | 3.021.749                   |
|                 | 1974 | 2.977                   | 10.192.617                | 2.552.614                      | 2.884                   | 10.052.147                | 2.271.871                   |
|                 | 1975 | 3.041                   | 10.942.879                | 2.101.017                      | 2.963                   | 10.809.423                | 3.373.813                   |
|                 | 1976 | 2.885                   | 10.731.046                | 2.181.505                      | 2.788                   | 10.546.282                | 2.341.521                   |
|                 | 1977 | 2.802                   | 11.302.181                | 3.662.664                      | 2.741                   | 11.198.706                | 1.954.090                   |
| BARRANQUILLA    | 1968 | 607                     | 1.552.721                 | 373.136                        | 483                     | 1.089.298                 | 339.235                     |
|                 | 1969 | 605                     | 1.704.421                 | 397.929                        | 485                     | 1.209.644                 | 375.221                     |
|                 | 1970 | 655                     | 1.790.106                 | 404.299                        | 494                     | 1.179.640                 | 312.885                     |
|                 | 1971 | 742                     | 2.104.862                 | 441.845                        | 535                     | 1.975.443                 | 219.372                     |
|                 | 1972 | 773                     | 2.273.658                 | 394.929                        | 607                     | 1.704.384                 | 297.559                     |
|                 | 1973 | 702                     | 1.811.604                 | 494.283                        | 593                     | 1.413.629                 | 379.991                     |
|                 | 1974 | 701                     | 1.625.425                 | 581.303                        | 653                     | 1.493.819                 | 628.771                     |
|                 | 1975 | 675                     | 1.581.826                 | 442.770                        | 608                     | 1.390.776                 | 1.853.047                   |
|                 | 1976 | 651                     | 1.629.733                 | 438.388                        | 612                     | 1.452.147                 | 461.961                     |
|                 | 1977 | 579                     | 1.524.521                 | 929.955                        | 581                     | 1.566.965                 | 345.391                     |
| BUENAVENTURA    | 1968 | 1.036                   | 4.192.314                 | 503.408                        | 1.063                   | 4.316.552                 | 602.966                     |
|                 | 1969 | 993                     | 3.807.552                 | 565.081                        | 1.087                   | 4.306.792                 | 635.418                     |
|                 | 1970 | 1.047                   | 4.106.169                 | 720.087                        | 1.042                   | 4.048.932                 | 406.054                     |
|                 | 1971 | 1.039                   | 4.174.449                 | 671.046                        | 1.035                   | 4.100.804                 | 476.050                     |
|                 | 1972 | 970                     | 3.962.221                 | 646.046                        | 957                     | 3.983.115                 | 830.291                     |
|                 | 1973 | 818                     | 3.482.422                 | 1.759.847                      | 784                     | 3.430.436                 | 1.665.225                   |
|                 | 1974 | 729                     | 3.075.173                 | 872.379                        | 764                     | 3.309.402                 | 466.715                     |
|                 | 1975 | 774                     | 3.396.398                 | 638.191                        | 777                     | 3.430.572                 | 499.604                     |
|                 | 1976 | 743                     | 3.298.951                 | 762.057                        | 732                     | 3.207.691                 | 493.039                     |
|                 | 1977 | 658                     | 3.156.112                 | 1.175.681                      | 656                     | 3.123.913                 | 288.255                     |
| CARTAGENA       | 1968 | 405                     | 1.783.581                 | 183.679                        | 520                     | 2.206.859                 | 81.539                      |
|                 | 1969 | 414                     | 1.980.022                 | 495.540                        | 452                     | 2.027.561                 | 237.035                     |
|                 | 1970 | 488                     | 2.037.925                 | 487.752                        | 635                     | 2.580.579                 | 292.337                     |
|                 | 1971 | 430                     | 4.810.192                 | 296.070                        | 618                     | 5.398.454                 | 109.455                     |
|                 | 1972 | 370                     | 1.732.459                 | 151.006                        | 446                     | 1.991.729                 | 148.119                     |
|                 | 1973 | 455                     | 2.099.614                 | 339.920                        | 550                     | 2.449.167                 | 144.981                     |
|                 | 1974 | 446                     | 2.037.543                 | 250.904                        | 476                     | 1.993.228                 | 130.842                     |
|                 | 1975 | 491                     | 2.363.951                 | 196.679                        | 508                     | 2.430.779                 | 175.663                     |
|                 | 1976 | 456                     | 1.968.103                 | 303.394                        | 498                     | 2.290.421                 | 166.499                     |
|                 | 1977 | 428                     | 2.143.938                 | 544.351                        | 418                     | 2.045.433                 | 141.240                     |
| COVENAS         | 1968 | 38                      | 430.029                   | —                              | 32                      | 386.595                   | 845.341                     |
|                 | 1969 | 36                      | 385.998                   | —                              | 34                      | 371.800                   | 534.028                     |
|                 | 1970 | 85                      | 334.383                   | 900                            | 71                      | 196.547                   | 477.763                     |
|                 | 1971 | 48                      | 54.099                    | 1.130                          | 47                      | 53.830                    | 35.926                      |
|                 | 1972 | 51                      | 81.300                    | —                              | 50                      | 80.764                    | 24.371                      |
|                 | 1973 | 59                      | 44.945                    | —                              | 61                      | 89.470                    | 36.266                      |
|                 | 1974 | 76                      | 61.667                    | 10.929                         | 84                      | 130.369                   | 50.169                      |
|                 | 1975 | 66                      | 122.894                   | 167.221                        | 89                      | 375.833                   | 18.697                      |
|                 | 1976 | 44                      | 12.857                    | 7.591                          | 47                      | 39.414                    | 19.433                      |
|                 | 1977 | 14                      | 33.996                    | 20.223                         | 14                      | 25.790                    | 2.200                       |

**CUADRO 34**  
**MOVIMIENTO DE EMBARCACIONES, SEGUN PUERTOS COLOMBIANOS**  
**1968-1977**

(Conclusión)

| Puertos            | Años | Entradas                |                           |                                | Salidas                 |                           |                             |
|--------------------|------|-------------------------|---------------------------|--------------------------------|-------------------------|---------------------------|-----------------------------|
|                    |      | Número de embarcaciones | Tonelaje neto de registro | Carga desembarcada (toneladas) | Número de embarcaciones | Tonelaje neto de registro | Carga embarcada (toneladas) |
| MAMONAL            | 1968 | 122                     | 1.026.671                 | 156.865                        | 125                     | 1.061.516                 | 2.753.689                   |
|                    | 1969 | 139                     | 1.052.864                 | 367.829                        | 138                     | 1.045.196                 | 1.574.682                   |
|                    | 1970 | 124                     | 941.622                   | 438.514                        | 138                     | 1.069.169                 | 934.938                     |
|                    | 1971 | 150                     | 1.045.420                 | 108.758                        | 160                     | 1.132.770                 | 192.400                     |
|                    | 1972 | 114                     | 782.052                   | 72.988                         | 143                     | 1.033.093                 | 72.027                      |
|                    | 1973 | 156                     | 945.204                   | 159.718                        | 154                     | 1.061.923                 | 226.738                     |
|                    | 1974 | 153                     | 1.055.593                 | 225.761                        | 140                     | 1.168.947                 | 335.005                     |
|                    | 1975 | 110                     | 809.692                   | 193.826                        | 112                     | 1.015.268                 | 247.619                     |
|                    | 1976 | 133                     | 1.214.943                 | 257.127                        | 118                     | 1.121.598                 | 261.217                     |
|                    | 1977 | 131                     | 1.044.230                 | 244.225                        | 115                     | 1.049.793                 | 269.134                     |
| SAN ANDRES (ISLAS) | 1968 | 121                     | 47.482                    | 10.886                         | 119                     | 72.792                    | 267                         |
|                    | 1969 | 147                     | 53.591                    | 18.654                         | 132                     | 51.667                    | 3.165                       |
|                    | 1970 | 160                     | 54.472                    | 62.691                         | 145                     | 50.600                    | 806                         |
|                    | 1971 | 176                     | 47.287                    | 15.556                         | 161                     | 44.666                    | 1.093                       |
|                    | 1972 | 161                     | 24.917                    | 10.646                         | 130                     | 19.512                    | 1.120                       |
|                    | 1973 | 180                     | 64.319                    | 21.455                         | 160                     | 63.114                    | 1.314                       |
|                    | 1974 | 235                     | 97.141                    | 14.258                         | 193                     | 94.447                    | 2.313                       |
|                    | 1975 | 238                     | 179.430                   | 27.108                         | 210                     | 167.412                   | 3.035                       |
|                    | 1976 | 205                     | 111.639                   | 13.383                         | 173                     | 118.509                   | 657                         |
|                    | 1977 | 170                     | 76.345                    | 8.162                          | 154                     | 111.470                   | 849                         |
| SANTA MARTA        | 1968 | 289                     | 1.266.851                 | 349.230                        | 306                     | 1.359.014                 | 1.062.692                   |
|                    | 1969 | 286                     | 1.195.242                 | 282.929                        | 286                     | 1.222.144                 | 894.766                     |
|                    | 1970 | 280                     | 1.187.892                 | 292.368                        | 290                     | 1.188.146                 | 388.941                     |
|                    | 1971 | 304                     | 1.207.948                 | 302.232                        | 252                     | 1.213.924                 | 166.985                     |
|                    | 1972 | 269                     | 1.009.277                 | 236.004                        | 269                     | 1.058.870                 | 44.362                      |
|                    | 1973 | 283                     | 1.069.475                 | 401.681                        | 276                     | 1.118.848                 | —                           |
|                    | 1974 | 292                     | 1.006.988                 | 535.583                        | 282                     | 978.195                   | —                           |
|                    | 1975 | 324                     | 1.168.928                 | 244.180                        | 316                     | 1.164.126                 | —                           |
|                    | 1976 | 310                     | 1.350.073                 | 281.359                        | 268                     | 1.151.557                 | 140.138                     |
|                    | 1977 | 415                     | 2.065.186                 | 603.787                        | 396                     | 2.008.428                 | 197.592                     |
| TUMACO             | 1968 | 84                      | 104.750                   | 12.462                         | 78                      | 100.534                   | 29.548                      |
|                    | 1969 | 169                     | 1.057.311                 | 8.339                          | 171                     | 1.074.738                 | 2.242.197                   |
|                    | 1970 | 191                     | 1.315.523                 | 17.552                         | 179                     | 1.292.121                 | 2.352.480                   |
|                    | 1971 | 189                     | 1.441.051                 | 36.989                         | 186                     | 1.363.811                 | 341.730                     |
|                    | 1972 | 124                     | 1.144.921                 | 19.485                         | 121                     | 904.754                   | 43.598                      |
|                    | 1973 | 133                     | 987.454                   | 25.815                         | 103                     | 632.748                   | 364.527                     |
|                    | 1974 | 81                      | 775.005                   | 14.224                         | 55                      | 403.786                   | 351.055                     |
|                    | 1975 | 67                      | 704.890                   | 2.407                          | 28                      | 158.169                   | 205.013                     |
|                    | 1976 | 52                      | 491.740                   | 57.060                         | 50                      | 483.465                   | 417.235                     |
|                    | 1977 | 40                      | 289.747                   | 97.498                         | 45                      | 294.791                   | 170.782                     |
| TURBO              | 1968 | 114                     | 245.936                   | 36.682                         | 109                     | 285.350                   | 190.701                     |
|                    | 1969 | 246                     | 458.951                   | 28.452                         | 237                     | 439.950                   | 260.117                     |
|                    | 1970 | 336                     | 607.541                   | 36.620                         | 306                     | 525.993                   | 266.716                     |
|                    | 1971 | 341                     | 604.382                   | 67.622                         | 350                     | 615.093                   | 286.249                     |
|                    | 1972 | 348                     | 595.200                   | 88.965                         | 350                     | 599.713                   | 247.952                     |
|                    | 1973 | 262                     | 440.239                   | 20.957                         | 254                     | 414.749                   | 202.707                     |
|                    | 1974 | 264                     | 458.082                   | 47.273                         | 270                     | 479.954                   | 307.001                     |
|                    | 1975 | 296                     | 614.870                   | 188.635                        | 315                     | 676.488                   | 371.135                     |
|                    | 1976 | 291                     | 653.007                   | 61.146                         | 290                     | 681.480                   | 381.342                     |
|                    | 1977 | 367                     | 968.106                   | 38.782                         | 362                     | 972.123                   | 538.647                     |

Fuente: Información suministrada al DANE por las Capitanías de Puerto.

**CUADRO 35**  
**MOVIMIENTO DE EMBARCACIONES EN LOS PUERTOS COLOMBIANOS,**  
**SEGUN BANDERAS 1968-1977**

| Banderas   | Años | Entradas                |                           |                                | Salidas                 |                           |                             |
|------------|------|-------------------------|---------------------------|--------------------------------|-------------------------|---------------------------|-----------------------------|
|            |      | Número de embarcaciones | Tonelaje neto de registro | Carga desembarcada (toneladas) | Número de embarcaciones | Tonelaje neto de registro | Carga embarcada (toneladas) |
| ALEMANA    | 1968 | 387                     | 1.076.366                 | 161.988                        | 389                     | 1.092.325                 | 294.007                     |
|            | 1969 | 399                     | 1.142.372                 | 199.650                        | 395                     | 1.143.428                 | 284.343                     |
|            | 1970 | 435                     | 1.295.968                 | 305.930                        | 428                     | 1.270.994                 | 307.904                     |
|            | 1971 | 354                     | 1.141.697                 | 244.771                        | 346                     | 1.243.300                 | 121.564                     |
|            | 1972 | 233                     | 897.626                   | 122.162                        | 232                     | 876.120                   | 120.086                     |
|            | 1973 | 219                     | 832.703                   | 301.625                        | 213                     | 810.284                   | 248.638                     |
|            | 1974 | 218                     | 734.873                   | 220.110                        | 215                     | 731.611                   | 151.021                     |
|            | 1975 | 196                     | 791.519                   | 139.504                        | 197                     | 797.071                   | 264.063                     |
|            | 1976 | 209                     | 869.547                   | 100.448                        | 209                     | 868.322                   | 195.909                     |
|            | 1977 | 187                     | 712.143                   | 129.220                        | 187                     | 712.123                   | 133.176                     |
| CANADIENSE | 1968 | 4                       | 706                       | 140                            | 4                       | 706                       | —                           |
|            | 1969 | 6                       | 2.198                     | 107                            | 5                       | 2.186                     | 831                         |
|            | 1970 | 8                       | 6.173                     | 2.999                          | 8                       | 6.173                     | 2.178                       |
|            | 1971 | 11                      | 9.850                     | 6.862                          | 10                      | 9.020                     | 1.357                       |
|            | 1972 | 2                       | 464                       | —                              | 2                       | 464                       | —                           |
|            | 1973 | 10                      | 43.123                    | 31.508                         | 10                      | 43.123                    | 818                         |
|            | 1974 | 10                      | 11.916                    | 8.842                          | 9                       | 11.900                    | 806                         |
|            | 1975 | 16                      | 19.250                    | 14.241                         | 13                      | 17.992                    | 1.081                       |
|            | 1976 | 6                       | 2.588                     | 2.799                          | 6                       | 2.588                     | —                           |
|            | 1977 | 1                       | 15.951                    | —                              | 1                       | 15.951                    | 6.120                       |
| COLOMBIANA | 1968 | 377                     | 1.121.589                 | 184.078                        | 390                     | 1.204.758                 | 176.085                     |
|            | 1969 | 385                     | 1.110.084                 | 362.174                        | 387                     | 1.148.128                 | 197.553                     |
|            | 1970 | 469                     | 1.185.659                 | 455.068                        | 460                     | 1.156.668                 | 177.944                     |
|            | 1971 | 498                     | 1.336.029                 | 327.563                        | 483                     | 1.329.697                 | 194.979                     |
|            | 1972 | 483                     | 1.275.409                 | 346.372                        | 448                     | 1.247.490                 | 288.995                     |
|            | 1973 | 456                     | 1.236.277                 | 585.697                        | 433                     | 1.198.142                 | 413.937                     |
|            | 1974 | 390                     | 1.051.410                 | 435.001                        | 374                     | 1.050.740                 | 241.133                     |
|            | 1975 | 349                     | 1.076.247                 | 285.639                        | 339                     | 1.081.323                 | 562.991                     |
|            | 1976 | 343                     | 1.152.453                 | 296.925                        | 327                     | 1.122.122                 | 273.781                     |
|            | 1977 | 268                     | 941.487                   | 313.337                        | 262                     | 937.656                   | 157.690                     |
| CHILENA    | 1968 | 7                       | 20.570                    | 100                            | 7                       | 20.570                    | 17.187                      |
|            | 1969 | 4                       | 18.600                    | 8.289                          | 4                       | 18.600                    | 2.404                       |
|            | 1970 | 9                       | 128.508                   | 3.033                          | 9                       | 128.456                   | 167.730                     |
|            | 1971 | 10                      | 162.865                   | 625                            | 10                      | 162.865                   | 432                         |
|            | 1972 | 25                      | 233.854                   | 13.527                         | 25                      | 233.852                   | 39.717                      |
|            | 1973 | 18                      | 165.335                   | 14.549                         | 18                      | 165.335                   | 66.721                      |
|            | 1974 | 5                       | 18.592                    | 5.692                          | 5                       | 18.592                    | 12                          |
|            | 1975 | 21                      | 36.932                    | 7.364                          | 21                      | 36.932                    | 17.419                      |
|            | 1976 | 30                      | 41.064                    | 12.604                         | 30                      | 41.064                    | 10.591                      |
|            | 1977 | 30                      | 53.422                    | 25.810                         | 30                      | 53.422                    | 5.172                       |
| DANESA     | 1968 | 88                      | 217.073                   | 60.158                         | 89                      | 219.177                   | 81.294                      |
|            | 1969 | 84                      | 230.675                   | 71.630                         | 83                      | 212.986                   | 55.256                      |
|            | 1970 | 69                      | 175.191                   | 47.945                         | 69                      | 176.694                   | 64.789                      |
|            | 1971 | 67                      | 163.666                   | 47.596                         | 67                      | 163.596                   | 30.519                      |
|            | 1972 | 32                      | 73.426                    | 14.728                         | 31                      | 72.677                    | 10.960                      |
|            | 1973 | 27                      | 40.250                    | 27.934                         | 25                      | 37.405                    | 17.783                      |
|            | 1974 | 46                      | 123.526                   | 29.766                         | 47                      | 127.227                   | 33.743                      |
|            | 1975 | 54                      | 114.917                   | 54.167                         | 53                      | 113.908                   | 54.221                      |
|            | 1976 | 27                      | 64.118                    | 24.746                         | 27                      | 71.475                    | 41.601                      |
|            | 1977 | 19                      | 94.899                    | 17.984                         | 21                      | 93.910                    | 15.179                      |

**CUADRO 35**  
**MOVIMIENTO DE EMBARCACIONES EN LOS PUERTOS COLOMBIANOS,**  
**SEGUN BANDERAS 1968-1977**

(Continuación)

| Banderas       | Años | Entradas                |                           |                                | Salidas                 |                           |                             |
|----------------|------|-------------------------|---------------------------|--------------------------------|-------------------------|---------------------------|-----------------------------|
|                |      | Número de embarcaciones | Tonelaje neto de registro | Carga desembarcada (toneladas) | Número de embarcaciones | Tonelaje neto de registro | Carga embarcada (toneladas) |
| ECUATORIANA    | 1968 | 109                     | 223.186                   | 34.903                         | 108                     | 228.376                   | 29.708                      |
|                | 1969 | 111                     | 182.885                   | 60.669                         | 110                     | 186.803                   | 32.593                      |
|                | 1970 | 133                     | 265.330                   | 44.043                         | 125                     | 263.336                   | 69.659                      |
|                | 1971 | 136                     | 242.537                   | 61.114                         | 132                     | 236.750                   | 30.322                      |
|                | 1972 | 80                      | 191.368                   | 37.244                         | 75                      | 185.813                   | 25.002                      |
|                | 1973 | 86                      | 292.449                   | 81.372                         | 84                      | 292.093                   | 135.708                     |
|                | 1974 | 64                      | 201.842                   | 85.321                         | 64                      | 197.211                   | 47.970                      |
|                | 1975 | 77                      | 277.953                   | 64.672                         | 74                      | 268.655                   | 120.545                     |
|                | 1976 | 76                      | 341.991                   | 115.413                        | 74                      | 341.084                   | 41.768                      |
|                | 1977 | 58                      | 249.763                   | 75.271                         | 58                      | 249.766                   | 32.969                      |
| ESPAÑOLA       | 1968 | 48                      | 169.264                   | 41.449                         | 45                      | 162.296                   | 35.296                      |
|                | 1969 | 53                      | 160.622                   | 7.323                          | 52                      | 159.129                   | 40.913                      |
|                | 1970 | 55                      | 141.974                   | 11.788                         | 55                      | 139.706                   | 36.997                      |
|                | 1971 | 55                      | 142.844                   | 10.868                         | 53                      | 141.169                   | 25.147                      |
|                | 1972 | 78                      | 174.962                   | 14.783                         | 77                      | 173.945                   | 31.239                      |
|                | 1973 | 59                      | 115.438                   | 40.435                         | 56                      | 118.130                   | 48.430                      |
|                | 1974 | 49                      | 96.199                    | 31.863                         | 47                      | 92.691                    | 32.620                      |
|                | 1975 | 31                      | 76.484                    | 4.815                          | 31                      | 76.484                    | 37.267                      |
|                | 1976 | 32                      | 92.842                    | 22.030                         | 32                      | 90.842                    | 19.170                      |
|                | 1977 | 27                      | 78.345                    | 8.180                          | 28                      | 81.733                    | 47.882                      |
| ESTADOUNIDENSE | 1968 | 332                     | 1.766.519                 | 193.693                        | 339                     | 1.841.856                 | 242.702                     |
|                | 1969 | 246                     | 1.208.248                 | 162.502                        | 251                     | 1.265.376                 | 92.811                      |
|                | 1970 | 292                     | 1.566.102                 | 230.742                        | 286                     | 1.522.519                 | 158.264                     |
|                | 1971 | 255                     | 1.506.904                 | 151.889                        | 255                     | 1.506.894                 | 96.863                      |
|                | 1972 | 225                     | 1.160.425                 | 150.118                        | 217                     | 1.141.668                 | 131.884                     |
|                | 1973 | 250                     | 1.253.531                 | 304.162                        | 237                     | 1.226.509                 | 337.685                     |
|                | 1974 | 229                     | 1.144.038                 | 186.410                        | 209                     | 1.137.678                 | 136.152                     |
|                | 1975 | 330                     | 1.501.857                 | 185.356                        | 316                     | 1.501.414                 | 169.997                     |
|                | 1976 | 292                     | 1.152.943                 | 137.239                        | 277                     | 1.143.314                 | 118.676                     |
|                | 1977 | 242                     | 1.064.130                 | 136.739                        | 229                     | 1.064.421                 | 69.428                      |
| FRANCESA       | 1968 | 45                      | 164.414                   | 19.067                         | 40                      | 145.088                   | 30.258                      |
|                | 1969 | 48                      | 168.384                   | 23.299                         | 47                      | 167.267                   | 32.735                      |
|                | 1970 | 72                      | 292.206                   | 11.296                         | 73                      | 297.848                   | 60.244                      |
|                | 1971 | 71                      | 265.116                   | 26.242                         | 70                      | 263.536                   | 79.560                      |
|                | 1972 | 56                      | 189.057                   | 11.969                         | 55                      | 186.401                   | 48.442                      |
|                | 1973 | 80                      | 291.552                   | 57.562                         | 79                      | 291.547                   | 84.928                      |
|                | 1974 | 52                      | 276.721                   | 28.085                         | 50                      | 266.169                   | 26.108                      |
|                | 1975 | 58                      | 328.835                   | 25.999                         | 58                      | 328.834                   | 48.714                      |
|                | 1976 | 52                      | 256.112                   | 12.629                         | 51                      | 247.093                   | 26.347                      |
|                | 1977 | 30                      | 107.604                   | 9.339                          | 28                      | 99.303                    | 14.861                      |
| HOLANDESA      | 1968 | 152                     | 387.416                   | 41.538                         | 149                     | 383.847                   | 142.214                     |
|                | 1969 | 173                     | 508.186                   | 85.937                         | 174                     | 503.266                   | 147.129                     |
|                | 1970 | 180                     | 432.893                   | 50.527                         | 180                     | 436.160                   | 67.780                      |
|                | 1971 | 197                     | 850.028                   | 78.639                         | 198                     | 850.280                   | 119.567                     |
|                | 1972 | 170                     | 381.575                   | 54.621                         | 170                     | 380.730                   | 114.221                     |
|                | 1973 | 105                     | 283.859                   | 122.440                        | 105                     | 284.087                   | 114.984                     |
|                | 1974 | 102                     | 290.139                   | 85.389                         | 99                      | 282.372                   | 70.445                      |
|                | 1975 | 120                     | 339.791                   | 56.753                         | 118                     | 332.622                   | 120.471                     |
|                | 1976 | 94                      | 317.673                   | 47.675                         | 93                      | 313.492                   | 82.321                      |
|                | 1977 | 80                      | 253.247                   | 43.647                         | 76                      | 242.081                   | 28.293                      |



CUADRO 35  
MOVIMIENTO DE EMBARCACIONES EN LOS PUERTOS COLOMBIANOS,  
SEGUN BANDERAS 1968-1977

(Continuación)

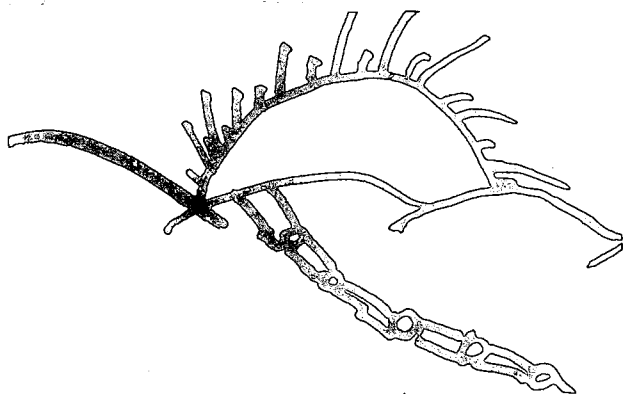
| Banderas  | Años | Entradas                |                           |                                | Salidas                 |                           |                             |
|-----------|------|-------------------------|---------------------------|--------------------------------|-------------------------|---------------------------|-----------------------------|
|           |      | Número de embarcaciones | Tonelaje neto de registro | Carga desembarcada (toneladas) | Número de embarcaciones | Tonelaje neto de registro | Carga embarcada (toneladas) |
| HONDUREÑA | 1968 | 11                      | 9.746                     | 97                             | 11                      | 9.746                     | 2.357                       |
|           | 1969 | 9                       | 18.154                    | —                              | 9                       | 18.154                    | 7.887                       |
|           | 1970 | 14                      | 33.365                    | 1.800                          | 14                      | 33.365                    | 8.791                       |
|           | 1971 | 16                      | 38.700                    | 67                             | 16                      | 38.700                    | 8.514                       |
|           | 1972 | 32                      | 25.813                    | 2.740                          | 27                      | 25.528                    | 4.743                       |
|           | 1973 | 26                      | 28.582                    | 3.775                          | 21                      | 28.297                    | 4.298                       |
|           | 1974 | 47                      | 35.648                    | 3.586                          | 39                      | 36.476                    | 18.679                      |
|           | 1975 | 33                      | 28.215                    | 1.270                          | 29                      | 28.063                    | 16.424                      |
|           | 1976 | 51                      | 46.580                    | 1.624                          | 47                      | 46.339                    | 22.930                      |
|           | 1977 | 42                      | 79.685                    | 3.904                          | 40                      | 79.510                    | 34.576                      |
| INGLESA   | 1968 | 130                     | 426.534                   | 52.833                         | 127                     | 418.847                   | 141.241                     |
|           | 1969 | 197                     | 709.837                   | 94.719                         | 194                     | 702.060                   | 406.566                     |
|           | 1970 | 212                     | 597.973                   | 92.780                         | 210                     | 591.697                   | 356.908                     |
|           | 1971 | 289                     | 543.280                   | 77.359                         | 284                     | 536.563                   | 93.246                      |
|           | 1972 | 286                     | 561.819                   | 68.319                         | 279                     | 541.941                   | 117.678                     |
|           | 1973 | 227                     | 464.822                   | 116.403                        | 220                     | 456.955                   | 113.145                     |
|           | 1974 | 326                     | 733.317                   | 221.660                        | 318                     | 721.802                   | 183.485                     |
|           | 1975 | 336                     | 919.516                   | 112.345                        | 331                     | 907.026                   | 279.779                     |
|           | 1976 | 270                     | 897.257                   | 121.506                        | 271                     | 881.471                   | 214.274                     |
|           | 1977 | 299                     | 1.071.043                 | 260.779                        | 297                     | 1.067.810                 | 253.347                     |
| ITALIANA  | 1968 | 128                     | 846.702                   | 58.602                         | 132                     | 875.886                   | 161.337                     |
|           | 1969 | 110                     | 780.565                   | 72.411                         | 113                     | 794.913                   | 131.008                     |
|           | 1970 | 136                     | 895.511                   | 65.247                         | 133                     | 875.774                   | 56.465                      |
|           | 1971 | 136                     | 1.599.544                 | 39.571                         | 136                     | 1.599.536                 | 101.400                     |
|           | 1972 | 123                     | 882.700                   | 28.072                         | 123                     | 882.738                   | 53.973                      |
|           | 1973 | 127                     | 1.020.622                 | 56.641                         | 126                     | 1.013.900                 | 74.340                      |
|           | 1974 | 125                     | 1.007.595                 | 36.574                         | 123                     | 998.233                   | 76.450                      |
|           | 1975 | 127                     | 919.906                   | 27.011                         | 127                     | 913.936                   | 151.918                     |
|           | 1976 | 83                      | 595.958                   | 36.007                         | 82                      | 593.242                   | 32.252                      |
|           | 1977 | 62                      | 420.408                   | 29.531                         | 63                      | 423.112                   | 30.550                      |
| JAPONESA  | 1968 | 98                      | 493.419                   | 46.462                         | 97                      | 479.821                   | 7.732                       |
|           | 1969 | 92                      | 473.653                   | 100.199                        | 91                      | 470.905                   | 27.840                      |
|           | 1970 | 118                     | 548.356                   | 123.622                        | 117                     | 554.357                   | 35.880                      |
|           | 1971 | 127                     | 1.123.263                 | 141.831                        | 127                     | 1.561.068                 | 31.164                      |
|           | 1972 | 120                     | 524.520                   | 116.715                        | 118                     | 521.152                   | 57.372                      |
|           | 1973 | 81                      | 369.366                   | 144.800                        | 81                      | 364.210                   | 121.879                     |
|           | 1974 | 43                      | 213.071                   | 69.324                         | 43                      | 213.071                   | 27.416                      |
|           | 1975 | 24                      | 99.640                    | 30.029                         | 22                      | 94.824                    | 38.517                      |
|           | 1976 | 37                      | 170.480                   | 67.325                         | 37                      | 170.480                   | 14.671                      |
|           | 1977 | 48                      | 219.720                   | 130.004                        | 48                      | 220.320                   | 4.100                       |
| LIBERIANA | 1968 | 184                     | 1.398.350                 | 222.640                        | 185                     | 1.415.180                 | 2.769.460                   |
|           | 1969 | 221                     | 2.060.542                 | 300.859                        | 217                     | 2.035.701                 | 3.356.117                   |
|           | 1970 | 195                     | 1.686.697                 | 217.648                        | 190                     | 1.634.912                 | 2.234.551                   |
|           | 1971 | 220                     | 2.467.008                 | 148.123                        | 210                     | 2.413.825                 | 325.440                     |
|           | 1972 | 199                     | 1.587.503                 | 112.674                        | 195                     | 1.551.288                 | 110.156                     |
|           | 1973 | 131                     | 1.101.501                 | 197.488                        | 125                     | 1.055.921                 | 244.111                     |
|           | 1974 | 154                     | 861.161                   | 162.471                        | 151                     | 841.048                   | 259.426                     |
|           | 1975 | 197                     | 1.072.754                 | 284.825                        | 193                     | 1.035.623                 | 353.600                     |
|           | 1976 | 159                     | 857.458                   | 189.644                        | 157                     | 852.887                   | 247.685                     |
|           | 1977 | 209                     | 1.162.590                 | 631.855                        | 209                     | 1.156.311                 | 216.404                     |

**CUADRO 35**  
**MOVIMIENTO DE EMBARCACIONES EN LOS PUERTOS COLOMBIANOS, SEGUN BANDERAS**  
**1968-1977**

| Banderas                  | Años | Entradas                |                           |                                | Salidas                 |                           |                             |
|---------------------------|------|-------------------------|---------------------------|--------------------------------|-------------------------|---------------------------|-----------------------------|
|                           |      | Número de embarcaciones | Tonelaje neto de registro | Carga desembarcada (toneladas) | Número de embarcaciones | Tonelaje neto de registro | Carga embarcada (toneladas) |
| NORUEGA                   | 1968 | 189                     | 826.544                   | 162.579                        | 188                     | 821.972                   | 386.948                     |
|                           | 1969 | 184                     | 670.831                   | 161.980                        | 184                     | 655.031                   | 158.339                     |
|                           | 1970 | 195                     | 693.018                   | 218.455                        | 186                     | 658.886                   | 161.876                     |
|                           | 1971 | 154                     | 743.157                   | 120.877                        | 152                     | 726.681                   | 138.115                     |
|                           | 1972 | 140                     | 601.303                   | 130.668                        | 136                     | 576.464                   | 123.402                     |
|                           | 1973 | 124                     | 555.326                   | 193.578                        | 120                     | 541.346                   | 124.119                     |
|                           | 1974 | 109                     | 433.955                   | 126.594                        | 109                     | 436.318                   | 77.184                      |
|                           | 1975 | 96                      | 475.014                   | 88.991                         | 96                      | 475.014                   | 102.441                     |
|                           | 1976 | 73                      | 358.106                   | 90.541                         | 73                      | 358.106                   | 44.725                      |
|                           | 1977 | 65                      | 326.512                   | 93.968                         | 65                      | 326.514                   | 24.224                      |
| PANAMEÑA                  | 1968 | 137                     | 346.607                   | 129.467                        | 142                     | 348.279                   | 786.714                     |
|                           | 1969 | 240                     | 622.878                   | 179.807                        | 236                     | 623.621                   | 1.013.775                   |
|                           | 1970 | 363                     | 840.823                   | 278.024                        | 351                     | 832.501                   | 807.156                     |
|                           | 1971 | 343                     | 803.282                   | 133.998                        | 326                     | 791.531                   | 175.511                     |
|                           | 1972 | 355                     | 662.964                   | 69.005                         | 330                     | 622.980                   | 112.827                     |
|                           | 1973 | 476                     | 816.671                   | 210.310                        | 450                     | 752.406                   | 296.309                     |
|                           | 1974 | 501                     | 810.716                   | 229.700                        | 476                     | 774.874                   | 339.775                     |
|                           | 1975 | 446                     | 629.738                   | 185.733                        | 430                     | 607.550                   | 292.695                     |
|                           | 1976 | 492                     | 684.246                   | 207.856                        | 457                     | 649.645                   | 200.056                     |
|                           | 1977 | 439                     | 714.343                   | 323.659                        | 414                     | 696.343                   | 201.017                     |
| SUECA                     | 1968 | 123                     | 463.262                   | 42.720                         | 124                     | 468.947                   | 233.059                     |
|                           | 1969 | 123                     | 462.492                   | 60.239                         | 122                     | 464.393                   | 96.190                      |
|                           | 1970 | 102                     | 395.483                   | 44.026                         | 101                     | 392.250                   | 43.418                      |
|                           | 1971 | 104                     | 488.863                   | 84.722                         | 105                     | 496.584                   | 60.244                      |
|                           | 1972 | 79                      | 454.464                   | 84.087                         | 78                      | 450.202                   | 75.325                      |
|                           | 1973 | 70                      | 353.469                   | 163.539                        | 72                      | 369.178                   | 162.346                     |
|                           | 1974 | 68                      | 400.560                   | 74.689                         | 67                      | 594.503                   | 97.171                      |
|                           | 1975 | 63                      | 358.521                   | 47.052                         | 63                      | 351.662                   | 107.738                     |
|                           | 1976 | 73                      | 409.662                   | 71.353                         | 73                      | 409.963                   | 107.073                     |
|                           | 1977 | 80                      | 430.681                   | 38.791                         | 81                      | 436.426                   | 132.102                     |
| VENEZOLANA                | 1968 | 25                      | 58.498                    | 18.532                         | 23                      | 53.583                    | 24.630                      |
|                           | 1969 | 19                      | 30.386                    | 15.858                         | 18                      | 24.864                    | 5.799                       |
|                           | 1970 | 12                      | 26.004                    | 11.408                         | 12                      | 26.004                    | 2.390                       |
|                           | 1971 | 44                      | 138.261                   | 35.803                         | 39                      | 120.268                   | 19.182                      |
|                           | 1972 | 45                      | 126.786                   | 32.668                         | 45                      | 126.754                   | 17.939                      |
|                           | 1973 | 44                      | 106.716                   | 34.557                         | 42                      | 103.742                   | 13.226                      |
|                           | 1974 | 18                      | 62.448                    | 33.807                         | 17                      | 59.459                    | 9.438                       |
|                           | 1975 | 30                      | 90.169                    | 20.473                         | 28                      | 91.021                    | 55.216                      |
|                           | 1976 | 27                      | 91.158                    | 16.361                         | 27                      | 90.218                    | 36.593                      |
|                           | 1977 | 11                      | 41.623                    | 3.264                          | 11                      | 41.623                    | 7.911                       |
| GRIEGA 1/                 | 1977 | 120                     | 854.919                   | 469.127                        | 122                     | 870.665                   | 98.871                      |
| MEXICANA 1/               | 1977 | 12                      | 42.609                    | 8.631                          | 11                      | 37.297                    | 6.586                       |
| NICARA-<br>GUENSE 1/      | 1977 | 4                       | 108                       | 38                             | 3                       | 91                        | —                           |
| SOVIETICA 1/              | 1977 | 35                      | 69.389                    | 16.180                         | 35                      | 69.389                    | 61.466                      |
| OTRAS NACIO-<br>NALIDADES | 1968 | 242                     | 683.571                   | 155.752                        | 246                     | 687.250                   | 343.749                     |
|                           | 1969 | 331                     | 1.134.360                 | 197.101                        | 330                     | 1.152.681                 | 666.540                     |
|                           | 1970 | 287                     | 1.154.884                 | 190.228                        | 281                     | 1.123.941                 | 543.031                     |
|                           | 1971 | 332                     | 1.722.796                 | 202.728                        | 325                     | 1.746.932                 | 176.131                     |
|                           | 1972 | 417                     | 1.599.967                 | 209.597                        | 410                     | 1.577.427                 | 225.438                     |
|                           | 1973 | 432                     | 1.573.684                 | 538.301                        | 418                     | 1.521.474                 | 398.344                     |
|                           | 1974 | 421                     | 1.684.890                 | 477.730                        | 422                     | 1.660.172                 | 442.837                     |
|                           | 1975 | 437                     | 1.785.621                 | 464.775                        | 424                     | 1.749.469                 | 578.806                     |
|                           | 1976 | 450                     | 2.328.810                 | 606.780                        | 438                     | 2.252.535                 | 611.098                     |
|                           | 1977 | 434                     | 2.297.560                 | 893.406                        | 422                     | 2.222.929                 | 372.166                     |

1/ Estas banderas rinden información a partir de 1977.

Fuente: Información suministrada al DANE por las capitanías de puerto.



## H-Transporte por oleoductos

### Refinados del petróleo

El transporte de refinados del petróleo por oleoductos en 1977, ascendió a 31.187.091 barriles de 42 galones, con una disminución de 6.6o/o con relación a 1976. Las gasolinas (para motor, blanca, aviación y extra) participaron con el 66.0o/o y el Diesel-fuel-oil con el 14.7o/o; el Jet-fuel, el kerosene y el gas licuado participaron en conjunto en el 19.3o/o restante (cuadro 36).

### Petróleo crudo

En 1977, se transportaron 35.340.400 barriles de petróleo crudo, cifra inferior en 5.1o/o a la registrada en 1976; el 70.3o/o fue conducido a través de los oleoductos: de Orito-Tumaco (29.1o/o), Payoa-Provincia -Yarará (21.1o/o) y Galán-Mamonal (20.1o/o) (cuadro 37).

**CUADRO 36**  
**PRODUCTOS REFINADOS DEL PETROLEO, SEGUN MESES**  
**1976-1977**

(Barriles de 42 galones recibidos en terminales)

| Meses      | Años | Total      | Gasolina   |           |          |          | Jet-fuel  | Kerosene  | Diesel fuel-oil | Gas licuado o petróleo |
|------------|------|------------|------------|-----------|----------|----------|-----------|-----------|-----------------|------------------------|
|            |      |            | Motor      | Blanca    | Aviación | Extra 1/ |           |           |                 |                        |
| TOTAL      | 1976 | 33.382.808 | 18.691.550 | 1.380.961 | 502.665  | 617.704  | 2.113.384 | 2.596.242 | 5.118.344       | 2.361.958              |
|            | 1977 | 31.187.091 | 18.293.326 | 1.418.646 | 223.633  | 642.840  | 1.975.317 | 1.980.477 | 4.577.281       | 2.075.571              |
| Enero      | 1976 | 3.097.922  | 1.591.639  | 104.130   | 303.414  | 69.207   | 196.640   | 227.992   | 400.967         | 203.933                |
|            | 1977 | 2.512.250  | 1.443.193  | 116.018   | 15.607   | 41.381   | 185.858   | 160.716   | 376.459         | 173.018                |
| Febrero    | 1976 | 2.722.209  | 1.546.868  | 103.810   | 8.145    | 53.214   | 171.103   | 236.506   | 435.203         | 167.360                |
|            | 1977 | 2.405.408  | 1.413.778  | 116.997   | 12.370   | 38.251   | 132.357   | 156.636   | 371.766         | 163.253                |
| Marzo      | 1976 | 3.214.929  | 1.792.582  | 90.169    | 26.760   | 56.588   | 199.009   | 301.917   | 546.710         | 201.194                |
|            | 1977 | 2.566.048  | 1.471.354  | 123.966   | 13.954   | 50.908   | 159.062   | 162.520   | 411.830         | 172.454                |
| Abril      | 1976 | 2.859.351  | 1.538.292  | 116.416   | 14.137   | 56.097   | 172.976   | 275.617   | 469.130         | 216.686                |
|            | 1977 | 2.407.996  | 1.372.626  | 127.828   | 20.399   | 38.744   | 159.722   | 162.738   | 359.456         | 166.483                |
| Mayo       | 1976 | 2.819.916  | 1.595.616  | 119.845   | 26.439   | 46.024   | 173.019   | 249.017   | 402.948         | 207.008                |
|            | 1977 | 2.556.218  | 1.518.357  | 111.116   | 21.655   | 55.683   | 175.684   | 168.094   | 344.834         | 160.795                |
| Junio      | 1976 | 2.682.330  | 1.533.142  | 112.977   | 16.424   | 47.763   | 161.749   | 202.124   | 409.584         | 198.567                |
|            | 1977 | 2.545.736  | 1.519.187  | 122.182   | 26.181   | 49.100   | 147.584   | 156.434   | 379.835         | 145.233                |
| Julio      | 1976 | 2.854.474  | 1.633.490  | 136.788   | 19.090   | 59.034   | 184.856   | 209.082   | 443.648         | 168.486                |
|            | 1977 | 2.710.184  | 1.604.502  | 121.644   | 14.596   | 56.691   | 181.502   | 169.204   | 376.959         | 185.086                |
| Agosto     | 1976 | 2.756.311  | 1.498.592  | 120.622   | 13.617   | 46.936   | 196.000   | 226.928   | 466.000         | 187.616                |
|            | 1977 | 2.736.952  | 1.563.636  | 110.609   | 26.411   | 66.246   | 177.169   | 196.149   | 378.968         | 217.764                |
| Septiembre | 1976 | 2.547.643  | 1.438.269  | 105.810   | 19.837   | 42.314   | 163.161   | 178.650   | 390.405         | 209.197                |
|            | 1977 | 2.570.290  | 1.490.527  | 107.409   | 15.982   | 56.386   | 145.874   | 150.354   | 421.707         | 182.051                |
| Octubre    | 1976 | 2.681.371  | 1.541.246  | 142.826   | 9.811    | 38.801   | 152.656   | 166.733   | 409.774         | 219.524                |
|            | 1977 | 2.729.831  | 1.683.075  | 107.644   | 17.537   | 78.822   | 148.767   | 140.483   | 370.878         | 182.625                |
| Noviembre  | 1976 | 2.493.270  | 1.454.015  | 105.418   | 23.249   | 48.991   | 164.774   | 159.564   | 356.368         | 180.891                |
|            | 1977 | 2.587.033  | 1.493.962  | 129.555   | 17.340   | 43.681   | 167.788   | 187.499   | 377.622         | 169.586                |
| Diciembre  | 1976 | 2.653.082  | 1.527.799  | 122.150   | 21.742   | 52.735   | 177.441   | 162.112   | 387.607         | 201.496                |
|            | 1977 | 2.859.145  | 1.719.129  | 123.678   | 21.601   | 66.947   | 193.950   | 169.650   | 406.967         | 157.223                |

1/ Se comenzó a rendir información sobre gasolina extra a partir de enero de 1976.  
Fuente: Ministerio de Minas y Energía.

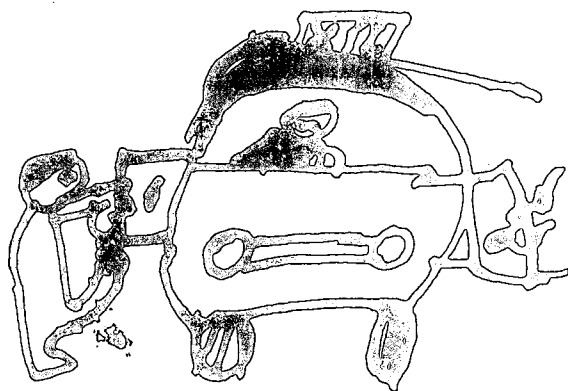
**CUADRO 37**  
**PETROLEO CRUDO, POR MESES, SEGUN OLEODUCTOS**  
**1977**

(Barriles netos de 42 galones)

| Oleoductos              | Total             | Enero            | Febrero          | Marzo            | Abril            | Mayo             | Junio            |
|-------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>TOTAL</b>            | <b>35.340.400</b> | <b>3.088.917</b> | <b>2.808.723</b> | <b>2.912.381</b> | <b>2.732.033</b> | <b>2.781.312</b> | <b>2.816.643</b> |
| Galán-Mamonal           | 7.115.207         | 622.464          | 693.842          | 529.208          | 512.870          | 501.170          | 536.140          |
| Manizales-Guamo         | 239.274           | 20.983           | 20.205           | 22.017           | 20.589           | 21.155           | 21.050           |
| Velásquez 26-Galán      | 6.241.893         | 497.410          | 450.211          | 498.616          | 475.524          | 440.075          | 566.958          |
| Totumal-Puerto Mosquito | 124.079           | 10.047           | 8.806            | 8.842            | 8.422            | 8.360            | 12.667           |
| Zulia-Ayacucho          | 3.720.933         | 399.678          | 279.768          | 357.651          | 306.147          | 323.385          | 250.345          |
| Cristalina-Yariri       | 168.661           | 13.035           | 14.068           | 18.167           | 13.572           | 13.173           | 12.563           |
| Orito-Tumaco            | 10.292.492        | 915.113          | 816.740          | 885.659          | 841.181          | 876.490          | 847.089          |
| Payoa-Provincia-Yariri  | 7.437.861         | 610.187          | 525.083          | 592.221          | 553.723          | 597.504          | 569.831          |

| Oleoductos              | Julio            | Agosto           | Septiembre       | Octubre          | Noviembre        | Diciembre        |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>TOTAL</b>            | <b>3.188.943</b> | <b>3.414.489</b> | <b>2.902.361</b> | <b>2.894.828</b> | <b>2.847.069</b> | <b>2.952.701</b> |
| Galán-Mamonal           | 687.784          | 731.306          | 440.252          | 610.632          | 550.465          | 699.074          |
| Manizales-Guamo         | 18.860           | 17.977           | 16.569           | 20.751           | 20.465           | 18.653           |
| Velásquez 26-Galán      | 521.347          | 783.546          | 542.886          | 497.254          | 473.089          | 494.977          |
| Totumal-Puerto Mosquito | 9.615            | 11.209           | 10.586           | 11.986           | 10.455           | 13.084           |
| Zulia-Ayacucho          | 325.334          | 300.255          | 312.318          | 263.001          | 349.259          | 253.792          |
| Cristalina-Yariri       | 14.383           | 18.731           | 13.221           | 14.643           | 13.252           | 9.853            |
| Orito-Tumaco            | 877.038          | 862.508          | 819.579          | 860.452          | 832.835          | 857.808          |
| Payoa-Provincia-Yariri  | 734.582          | 688.957          | 746.950          | 616.109          | 597.249          | 605.460          |

Fuente: Ministerio de Minas y Energía.



## I-Transporte urbano de pasajeros

El transporte urbano de pasajeros efectuado en buses, busetas, microbuses y taxis colectivos, en 46 ciudades, presentó en 1977, en síntesis, el siguiente comportamiento: se movilizaron 3.635 millones de pasajeros, que pagaron por concepto de pasajes la suma de \$5.189 millones, cifras que representan incrementos de 11.7o/o y 25.2o/o, con relación al año anterior. De 19.248 vehículos que figuran como parque automotor, fueron utilizados en promedio diario 16.765 para el desplazamiento de la población que vive dentro de los perímetros urbanos, lo cual da una utilización del 87.1o/o del total del parque. Se recorrieron 980 millones de kilómetros en 36 millones de viajes redondos. Comparando estas cifras con las registradas en 1976, se observan variaciones positivas de 10.9o/o en el parque automotor, 11.5o/o en el promedio diario de vehículos en servicio, 13.7o/o en los kilómetros recorridos y 10.5o/o en el número de viajes redondos efectuados.

Durante 1977, en las 4 ciudades principales, se transportó el 74.1o/o de los pasajeros (2.695 millones), así: en Bogotá el 43.2o/o, en Medellín el 13.8o/o, Cali 9.7o/o y Barranquilla 7.4o/o.

En las 46 ciudades investigadas, los buses movilizaron el 86.6o/o (3.149 millones) de los pasajeros, produciendo el 72.9o/o del total de los ingresos generados en el transporte urbano; las busetas transportaron el 12.2o/o de los pasajeros y captaron el 24.4o/o de los ingresos. En conjunto, los microbuses y los taxis colectivos transportaron el 1.2o/o de los pasajeros y obtuvieron el 2.7o/o de los ingresos. (cuadros 38 a 42)

**CUADRO 38**  
**RESUMEN NACIONAL DEL MOVIMIENTO DE BUSES, BUSETAS, MICROBUSES Y**  
**TAXIS COLECTIVOS EN LAS PRINCIPALES CIUDADES DEL PAÍS 1976-1977**

| Ciudades          | Años | Parque automotor | Promedio diario de vehículos en servicio | Viajes redondos | Kilómetros recorridos | Pasajeros transportados |                 | Producto de pasajes en \$ |                 |
|-------------------|------|------------------|------------------------------------------|-----------------|-----------------------|-------------------------|-----------------|---------------------------|-----------------|
|                   |      |                  |                                          |                 |                       | Total                   | Promedio diario | Total                     | Promedio diario |
| RESUMEN NACIONAL  | 1976 | 17.359           | 15.037                                   | 32.479.010      | 861.467.691           | 3.255.400.198           | 8.894.536       | 4.143.136.947             | 11.320.046      |
|                   | 1977 | 19.248           | 16.765                                   | 35.903.520      | 979.859.168           | 3.634.765.705           | 9.958.262       | 5.188.929.362             | 14.216.244      |
| Armenia           | 1976 | 132              | 121                                      | 371.766         | 5.473.230             | 30.607.194              | 83.626          | 33.442.221                | 91.372          |
|                   | 1977 | 141              | 129                                      | 439.559         | 5.859.498             | 30.427.839              | 83.364          | 36.513.337                | 100.037         |
| Barranquilla      | 1976 | 1.237            | 1.111                                    | 2.537.291       | 58.687.305            | 248.214.030             | 678.180         | 287.999.816               | 786.885         |
|                   | 1977 | 1.298            | 1.170                                    | 2.803.646       | 62.607.609            | 270.966.528             | 742.374         | 349.942.069               | 958.745         |
| Bogotá            | 1976 | 8.356            | 7.096                                    | 10.463.191      | 449.247.491           | 1.377.381.700           | 3.763.338       | 1.942.731.110             | 5.308.009       |
|                   | 1977 | 9.401            | 7.966                                    | 11.969.743      | 523.073.620           | 1.569.848.963           | 4.300.956       | 2.489.019.701             | 6.819.232       |
| Bucaramanga       | 1976 | 514              | 445                                      | 894.302         | 17.922.743            | 108.158.048             | 295.514         | 118.675.284               | 324.249         |
|                   | 1977 | 588              | 546                                      | 1.166.092       | 23.065.656            | 128.813.808             | 352.915         | 155.233.750               | 425.298         |
| Cali              | 1976 | 1.534            | 1.340                                    | 2.482.593       | 68.824.324            | 325.701.455             | 889.895         | 382.106.717               | 1.044.007       |
|                   | 1977 | 1.535            | 1.461                                    | 2.560.686       | 73.574.023            | 351.306.529             | 962.484         | 445.619.775               | 1.220.876       |
| Cartagena         | 1976 | 766              | 710                                      | 2.104.917       | 45.759.427            | 163.881.925             | 447.765         | 204.121.452               | 557.709         |
|                   | 1977 | 819              | 762                                      | 2.125.349       | 46.449.387            | 177.957.637             | 487.555         | 261.452.207               | 716.307         |
| Cúcuta            | 1976 | 314              | 288                                      | 804.897         | 15.484.082            | 79.106.226              | 216.137         | 86.654.643                | 236.761         |
|                   | 1977 | 359              | 333                                      | 935.045         | 21.755.878            | 92.818.673              | 254.298         | 111.382.408               | 305.157         |
| Ibagué            | 1976 | 73               | 71                                       | 188.519         | 4.563.119             | 14.783.913              | 40.393          | 26.110.420                | 71.340          |
|                   | 1977 | 120              | 115                                      | 337.361         | 6.807.103             | 21.758.965              | 59.614          | 51.748.955                | 141.778         |
| Manizales         | 1976 | 248              | 234                                      | 733.894         | 12.443.981            | 47.934.871              | 130.970         | 62.460.163                | 170.656         |
|                   | 1977 | 297              | 261                                      | 833.150         | 14.560.027            | 54.531.723              | 149.402         | 77.854.225                | 213.299         |
| Medellín          | 1976 | 2.061            | 1.854                                    | 6.184.032       | 94.719.380            | 480.158.458             | 1.311.908       | 538.299.683               | 1.470.764       |
|                   | 1977 | 2.195            | 2.012                                    | 6.436.890       | 101.848.177           | 502.451.775             | 1.376.580       | 619.485.750               | 1.697.221       |
| Pasto             | 1976 | 16               | 14                                       | 45.434          | 669.529               | 1.987.980               | 5.432           | 2.191.124                 | 5.987           |
|                   | 1977 | 26               | 24                                       | 55.278          | 939.726               | 2.993.784               | 8.202           | 3.592.540                 | 9.842           |
| Pereira           | 1976 | 338              | 273                                      | 769.396         | 15.791.521            | 62.177.773              | 169.884         | 76.525.967                | 209.087         |
|                   | 1977 | 372              | 321                                      | 1.021.045       | 21.054.843            | 77.472.541              | 212.254         | 106.188.531               | 290.928         |
| Santa Marta       | 1976 | 120              | 109                                      | 323.835         | 5.211.296             | 27.895.253              | 76.217          | 31.384.711                | 85.751          |
|                   | 1977 | 123              | 117                                      | 342.675         | 6.048.274             | 30.086.112              | 82.428          | 36.103.335                | 98.913          |
| Tunja             | 1976 | 30               | 26                                       | 122.858         | 1.051.322             | 4.449.805               | 12.158          | 4.852.993                 | 13.260          |
|                   | 1977 | 31               | 28                                       | 111.420         | 764.929               | 4.839.550               | 13.259          | 6.291.419                 | 17.237          |
| Villavicencio     | 1976 | 72               | 63                                       | 222.162         | 2.270.528             | 13.629.566              | 37.239          | 19.313.392                | 52.769          |
|                   | 1977 | 107              | 94                                       | 218.847         | 3.018.523             | 18.367.511              | 50.322          | 27.413.956                | 75.107          |
| Otras ciudades 1/ | 1976 | 1.548            | 1.282                                    | 4.229.923       | 63.348.413            | 269.332.001             | 735.880         | 326.267.251               | 891.441         |
|                   | 1977 | 1.836            | 1.426                                    | 4.546.734       | 68.431.895            | 300.123.767             | 822.257         | 411.087.404               | 1.126.267       |

1/ Comprende el movimiento en las siguientes ciudades: Armenia, Cúcuta y Santa Marta en busetas, Armenia, Barranquilla, Cali, Cúcuta, Ibagué, Manizales, Pasto y Villavicencio en microbuses, Ibagué, Pasto y Tunja en buses.

Fuente: DANE - Tabulados de transporte urbano.

**CUADRO 39**  
**MOVIMIENTO DE BUSES EN LAS PRINCIPALES CIUDADES DEL PAIS**  
**1976-1977**

| Ciudades          | Años | Parque automotor | Promedio diario de buses en servicio | Viajes redondos | Kilómetros recorridos | Pasajeros transportados |                 | Productos de pasajes en \$ |                 |
|-------------------|------|------------------|--------------------------------------|-----------------|-----------------------|-------------------------|-----------------|----------------------------|-----------------|
|                   |      |                  |                                      |                 |                       | Total                   | Promedio diario | Total                      | Promedio diario |
| TOTAL NACIONAL    | 1976 | 12.782           | 11.231                               | 24.508.871      | 619.785.353           | 2.848.632.490           | 7.783.149       | 3.135.849.924              | 8.567.896       |
|                   | 1977 | 14.062           | 12.462                               | 26.673.052      | 695.038.669           | 3.149.064.965           | 8.627.575       | 3.781.069.164              | 10.359.094      |
| Armenia           | 1976 | 132              | 121                                  | 371.766         | 5.473.230             | 30.607.194              | 83.626          | 33.442.221                 | 91.372          |
|                   | 1977 | 141              | 129                                  | 439.559         | 5.859.498             | 30.427.839              | 83.364          | 36.513.337                 | 100.037         |
| Barranquilla      | 1976 | 1.037            | 936                                  | 2.117.002       | 50.507.944            | 229.714.625             | 627.636         | 251.679.634                | 687.649         |
|                   | 1977 | 1.090            | 987                                  | 2.291.889       | 52.652.922            | 244.704.960             | 670.425         | 293.645.948                | 804.509         |
| Bogotá            | 1976 | 5.209            | 4.488                                | 6.053.169       | 269.870.013           | 1.125.463.179           | 3.075.036       | 1.235.803.052              | 3.376.511       |
|                   | 1977 | 5.835            | 5.007                                | 6.844.385       | 309.538.905           | 1.272.429.353           | 3.486.108       | 1.527.837.960              | 4.185.857       |
| Bucaramanga       | 1976 | 514              | 445                                  | 894.302         | 17.922.743            | 108.158.048             | 295.514         | 118.675.284                | 324.249         |
|                   | 1977 | 588              | 546                                  | 1.166.092       | 23.065.656            | 128.813.808             | 352.915         | 155.233.750                | 425.298         |
| Cali              | 1976 | 1.330            | 1.162                                | 2.147.797       | 59.946.309            | 307.461.654             | 840.059         | 339.137.380                | 926.605         |
|                   | 1977 | 1.349            | 1.303                                | 2.287.678       | 66.315.347            | 337.942.347             | 925.869         | 405.554.238                | 1.111.108       |
| Cartagena         | 1976 | 648              | 593                                  | 1.736.734       | 38.286.303            | 142.778.393             | 390.105         | 157.675.459                | 430.807         |
|                   | 1977 | 694              | 637                                  | 1.748.647       | 38.315.928            | 151.297.472             | 414.514         | 181.556.966                | 497.416         |
| Cúcuta            | 1976 | 314              | 288                                  | 804.897         | 15.484.082            | 79.106.226              | 216.137         | 86.654.643                 | 236.761         |
|                   | 1977 | 359              | 333                                  | 935.045         | 21.755.878            | 92.818.673              | 254.298         | 111.382.408                | 305.157         |
| Manizales         | 1976 | 177              | 165                                  | 490.903         | 8.390.750             | 39.315.374              | 107.419         | 43.180.912                 | 117.981         |
|                   | 1977 | 206              | 188                                  | 575.418         | 10.128.741            | 44.980.603              | 123.235         | 53.976.423                 | 147.881         |
| Medellín          | 1976 | 1.973            | 1.787                                | 6.006.077       | 91.692.447            | 471.679.599             | 1.288.742       | 517.651.226                | 1.414.348       |
|                   | 1977 | 2.109            | 1.945                                | 6.224.401       | 98.250.219            | 493.245.608             | 1.351.358       | 591.867.572                | 1.621.555       |
| Pere ra           | 1976 | 272              | 222                                  | 607.484         | 11.326.892            | 54.967.515              | 150.184         | 60.351.278                 | 164.894         |
|                   | 1977 | 293              | 254                                  | 804.998         | 14.603.830            | 67.311.903              | 184.416         | 80.774.435                 | 221.300         |
| Santa Marta       | 1976 | 120              | 109                                  | 323.835         | 5.211.296             | 27.895.253              | 76.217          | 31.384.711                 | 85.751          |
|                   | 1977 | 123              | 117                                  | 342.675         | 6.048.274             | 30.086.112              | 82.428          | 36.103.335                 | 98.913          |
| Villavicencio     | 1976 | 37               | 32                                   | 112.489         | 1.191.391             | 9.586.821               | 26.194          | 10.417.299                 | 28.463          |
|                   | 1977 | 64               | 58                                   | 124.968         | 1.902.739             | 14.609.305              | 40.025          | 17.531.366                 | 48.031          |
| Otras ciudades 1/ | 1976 | 1.019            | 883                                  | 2.842.416       | 44.481.953            | 221.898.609             | 606.280         | 249.796.825                | 682.505         |
|                   | 1977 | 1.211            | 958                                  | 2.887.297       | 46.600.732            | 240.396.982             | 658.622         | 289.091.426                | 792.031         |

1/ Incluye las ciudades de: Sincelajo, Magangué, Tunja, Girardot, Ibagué, Sogamoso, Duitama, Neiva, Florencia, Zipaquirá, Barrancabermeja, San Gil, San Vicente, Pasto, Socorro, Buga, Buenaventura, Cartago, Palmira, Tuluá, Popayán, Anserma, Calarcá, La Dorada, Honda, Santa Rosa, Ciudad Bolívar, Cauca, Montería.  
Fuente: DANE - Tabulados de transporte urbano.



**CUADRO 40**  
**MOVIMIENTO DE BUSETAS EN LAS PRINCIPALES CIUDADES DEL PAIS**  
**1976-1977**

| Ciudades          | Años | Parque automotor | Promedio diario de busetas en servicio | Viajes redondos | Kilómetros recorridos | Pasajeros transportados |                 | Productos de pasajes en \$ |                 |
|-------------------|------|------------------|----------------------------------------|-----------------|-----------------------|-------------------------|-----------------|----------------------------|-----------------|
|                   |      |                  |                                        |                 |                       | Total                   | Promedio diario | Total                      | Promedio diario |
| TOTAL NACIONAL    | 1976 | 3.302            | 3.010                                  | 5.848.480       | 183.815.014           | 360.615.978             | 985.290         | 905.128.743                | 2.473.029       |
|                   | 1977 | 3.833            | 3.495                                  | 6.948.572       | 221.065.552           | 441.833.979             | 1.210.504       | 1.268.994.041              | 3.476.696       |
| Barranquilla      | 1976 | 200              | 175                                    | 420.289         | 8.179.361             | 18.499.405              | 50.545          | 36.320.182                 | 99.236          |
|                   | 1977 | 208              | 183                                    | 511.757         | 9.954.687             | 26.261.568              | 71.950          | 56.296.121                 | 154.236         |
| Bogotá            | 1976 | 2.217            | 2.051                                  | 3.136.589       | 131.533.161           | 227.154.344             | 620.640         | 635.411.579                | 1.736.097       |
|                   | 1977 | 2.590            | 2.410                                  | 3.707.433       | 159.866.411           | 276.490.055             | 757.507         | 863.874.593                | 2.366.780       |
| Cali              | 1976 | 204              | 178                                    | 334.796         | 8.878.015             | 18.239.801              | 49.836          | 42.969.337                 | 117.403         |
|                   | 1977 | 186              | 158                                    | 273.008         | 7.258.676             | 13.364.182              | 36.614          | 40.065.537                 | 109.769         |
| Cartagena         | 1976 | 118              | 117                                    | 368.183         | 7.473.124             | 21.103.532              | 57.660          | 46.445.993                 | 126.902         |
|                   | 1977 | 125              | 125                                    | 376.702         | 8.133.459             | 26.660.165              | 73.042          | 79.895.241                 | 218.891         |
| Ibagué            | 1976 | 73               | 71                                     | 188.519         | 4.563.119             | 14.783.913              | 40.393          | 26.110.420                 | 71.340          |
|                   | 1977 | 120              | 115                                    | 337.361         | 6.807.103             | 21.758.965              | 59.614          | 51.748.955                 | 141.778         |
| Manizales         | 1976 | 71               | 69                                     | 242.991         | 4.053.231             | 8.619.497               | 23.550          | 19.279.251                 | 52.675          |
|                   | 1977 | 91               | 73                                     | 257.732         | 4.431.286             | 9.551.120               | 26.167          | 23.877.802                 | 65.419          |
| Medellín          | 1976 | 88               | 67                                     | 177.955         | 3.026.933             | 8.478.859               | 23.166          | 20.648.457                 | 56.416          |
|                   | 1977 | 86               | 67                                     | 212.489         | 3.597.958             | 9.206.167               | 25.222          | 27.618.178                 | 75.666          |
| Pasto             | 1976 | 16               | 14                                     | 45.434          | 669.529               | 1.987.980               | 5.432           | 2.191.124                  | 5.987           |
|                   | 1977 | 26               | 24                                     | 55.278          | 939.726               | 2.993.784               | 8.202           | 3.592.540                  | 9.842           |
| Pereira           | 1976 | 66               | 51                                     | 161.912         | 4.464.629             | 7.210.258               | 19.700          | 16.174.689                 | 44.193          |
|                   | 1977 | 79               | 67                                     | 216.047         | 6.451.013             | 10.160.638              | 27.837          | 25.414.096                 | 69.628          |
| Tunja             | 1976 | 30               | 26                                     | 122.858         | 1.051.322             | 4.449.805               | 12.158          | 4.852.993                  | 13.260          |
|                   | 1977 | 31               | 28                                     | 111.420         | 764.929               | 4.839.550               | 13.259          | 6.291.419                  | 17.237          |
| Villavicencio     | 1976 | 35               | 31                                     | 109.673         | 1.079.137             | 4.042.745               | 11.046          | 8.896.093                  | 24.306          |
|                   | 1977 | 43               | 36                                     | 93.879          | 1.115.784             | 3.758.206               | 10.296          | 9.882.590                  | 27.075          |
| Otras ciudades 1/ | 1976 | 184              | 160                                    | 539.281         | 8.843.453             | 26.045.839              | 71.163          | 45.828.625                 | 125.215         |
|                   | 1977 | 248              | 209                                    | 795.466         | 11.744.520            | 36.789.579              | 100.793         | 80.436.969                 | 220.375         |

1/ Incluye las ciudades de: Sincelejo, Valledupar, Sogamoso, Duitama, Ocaña, Cúcuta, Buenaventura, Santa Marta, Cartago, Ipiales, Palmira, Tumaco, Armenia, Calarcá, La Dorada, Honda, Montería.

Fuente: DANE. Tabulados de transporte urbano.

**CUADRO 41**  
**MOVIMIENTO DE MICROBUSES EN LAS PRINCIPALES CIUDADES DEL PAIS**  
**1976-1977**

| Ciudades          | Años | Parque automotor | Promedio diario de micros en servicio | Viajes redondos | Kilómetros recorridos | Pasajeros transportados |                 | Producto de pasajes en \$ |                 |
|-------------------|------|------------------|---------------------------------------|-----------------|-----------------------|-------------------------|-----------------|---------------------------|-----------------|
|                   |      |                  |                                       |                 |                       | Total                   | Promedio diario | Total                     | Promedio diario |
| TOTAL NACIONAL    | 1976 | 784              | 451                                   | 1.136.441       | 19.508.591            | 33.798.847              | 92.346          | 51.572.591                | 140.909         |
|                   | 1977 | 830              | 416                                   | 1.055.421       | 16.763.155            | 29.029.599              | 79.533          | 53.743.796                | 147.243         |
| Bogotá            | 1976 | 439              | 212                                   | 288.215         | 9.485.584             | 12.411.294              | 33.911          | 20.930.790                | 57.188          |
|                   | 1977 | 463              | 167                                   | 245.502         | 6.946.772             | 6.682.123               | 18.307          | 13.364.247                | 36.614          |
| Otras ciudades 1/ | 1976 | 345              | 239                                   | 848.226         | 10.023.007            | 21.387.553              | 58.436          | 30.641.801                | 83.721          |
|                   | 1977 | 367              | 249                                   | 809.919         | 9.816.383             | 22.347.476              | 61.226          | 40.379.549                | 110.528         |

1/ Incluye las ciudades de: Barranquilla, Girardot, Ibagué, Duitama, Villavicencio, Fusagasugá, Tunja, Cali (hasta Junio), Ipiales, Buenaventura, Tumaco, Pasto, Calarcá, Manizales, Armenia, Montería, Cúcuta, Ocaña.

Fuente: DANE - Tabulados de transporte urbano.

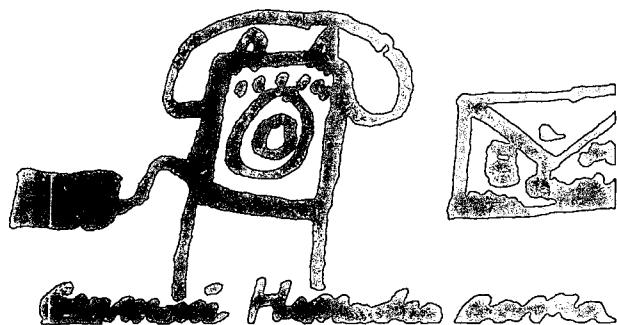
**CUADRO 42**  
**MOVIMIENTO DE TAXIS COLECTIVOS, SEGUN CIUDADES**  
**1976-1977**

| Ciudades       | Años | Parque Automotor | Promedio diario de taxis colectivos en servicio | Viajes redondos | Kilómetros recorridos | Pasajeros transportados |                 | Producto de pasajes en \$ |                 |
|----------------|------|------------------|-------------------------------------------------|-----------------|-----------------------|-------------------------|-----------------|---------------------------|-----------------|
|                |      |                  |                                                 |                 |                       | Total                   | Promedio diario | Total                     | Promedio diario |
| TOTAL NACIONAL | 1976 | 491              | 345                                             | 985.218         | 38.358.733            | 12.352.883              | 33.751          | 50.585.689                | 138.212         |
|                | 1977 | 523              | 392                                             | 1.226.475       | 46.991.792            | 14.837.162              | 40.650          | 85.122.361                | 233.212         |
| Bogotá         | 1976 | 491              | 345                                             | 985.218         | 38.358.733            | 12.352.883              | 33.751          | 50.585.689                | 138.212         |
|                | 1977 | 513              | 382                                             | 1.172.423       | 46.721.532            | 14.247.432              | 39.034          | 83.942.901                | 229.981         |
| Otros 1/       | 1977 | 10               | 10                                              | 54.052          | 270.260               | 589.730                 | 1.616           | 1.179.460                 | 3.231           |

1/ Esta información se empezó a rendir en mayo de 1977.

Fuente: DANE - Tabulados de transporte urbano.

## J- Comunicaciones



### Movimiento Postal

En el interior del país, y según registros suministrados por las gerencias regionales de la Administración Postal Nacional, se despachó durante 1977 un total de 96.570 miles de piezas, (cartas, tarjetas, recomendados, impresos, papel de negocio, muestras), cifra superior en 8.6o/o a la registrada el año anterior. El 53.3o/o correspondió a la Regional de Bogotá, el 11.4o/o a la de Medellín, el 11o/o a la de Cali, el 7o/o a la de Bucaramanga, con el 17.3o/o restante a las Regionales de Manizales, Ibagué y Barranquilla. Las cartas porteadas aumentaron el 15.0o/o con relación a 1976 y equivalen al 67.4o/o del total de piezas despachadas. Los impresos y papeles de negocio representaron el 20.5o/o y los demás rubros el 12.1o/o (cuadro 43).

### Envíos bajo control

En 1977 las 7 Regionales de la Administración Postal enviaron un total de 2.232.085 piezas, 369.964 más que el año anterior (19.9o/o). La clasificación de estos envíos y su participación porcentual es la siguiente: certificados 94.8o/o, cartas aseguradas 0.5o/o, encomiendas aseguradas 3.5o/o y encomiendas contra reembolso 1.2o/o (cuadro 44).

### **Tráfico telegráfico interior y exterior**

El telégrafo se utilizó en 1977 para transmitir, en el interior del país, 19.505.469 mensajes con un total de 415.626.268 palabras y por un valor de \$232.741.302; esto significó un aumento en el ingreso en términos porcentuales de 9.2o/o. El valor promedio por palabra pasó de \$0.52 en 1976 a \$0.56 en 1977.

Los mensajes telegráficos transmitidos al exterior y el número de palabras, disminuyeron al relacionar los dos años mencionados, en 12.4o/o 127.281 mensajes, y 12.0o/o 753.097 palabras; sin embargo, el ingreso aumentó en 13.8o/o, por cuanto el valor promedio por palabra ascendió de \$16.3 en 1976 a \$21.1 en 1977 (cuadro 45).

### **Tráfico de Mux (Télex internacional)**

Las llamadas internacionales por télex en 1977 fueron 722.266, con una duración de 2.406.537 minutos, cifras superiores en 10.7o/o y 12.3o/o respectivamente al compararlas con las del año anterior (cuadro 47).

### **Tráfico de télex nacional**

En 1977, el total de impulsos fue de 67.754.655, por un valor de \$167.358.447, con un incremento de 7.1o/o y 32.6o/o en su orden, con relación a 1976 (cuadro 48).

### **Tráfico telefónico**

Utilizando el servicio manual y semiautomático, en 1977 se realizaron 31 millones de llamadas, con aumento de 5.5o/o al comparar esta cifra con la del año anterior. La duración de las llamadas fue de 175 millones de minutos y su valor de \$935 millones, con aumentos de 5.2o/o y 18.4o/o respectivamente. El valor promedio por minuto pasó de \$4.8 en 1976 a \$5.3 en 1977.

El servicio automático contabilizó 13.493 millones de impulsos por un valor de \$1.349 millones, lo cual representó aumentos de 3.139 millones (30.3o/o) en los primeros y de \$314 millones (30.3o/o) en el segundo, con relación a 1976. El valor promedio por impulso ha permanecido en \$10 durante los dos años comparados (cuadro 49).

### **Desarrollo y composición del servicio telefónico 1973 – 1977 1/**

El Cuadro 50 incluye información revisada acerca de: capacidad de las centrales, aparatos telefónicos instalados, troncales PBX en uso, ingresos y gastos, para el período 1973 – 1977. Sobre estos aspectos se habían presentado cifras en los anuario de 1973 y 1974.

En 1977 a nivel nacional, la capacidad de las centrales fue de 1.055. 196 líneas distribuidas en 89.2o/o para abonados, 4.0o/o para PBX y 2.2o/o para líneas de teléfonos públicos; el 4.7o/o restante está disponible para ser utilizado por las empresas que no pertenecen a TELECOM. El número de aparatos telefónicos instalados fue de 835.240, discriminados en 822.232 de abonados y 13.008 públicos; los ingresos ascendieron a \$2.534 millones y los gastos a \$1.669 millones.

1/ La información hace referencia a las empresas que no pertenecen a TELECOM (Empresa Nacional de Telecomunicaciones).

Comparando estas cifras con las de 1976 se observan los siguientes incrementos: en capacidad de las centrales 9.4o/o, en líneas para abonados 4.3o/o, troncales para PBX, 4.8o/o y en líneas para teléfonos públicos 0.3o/o. El número de aparatos telefónicos instalados aumentó en 26.120, de los cuales 25.909 son abonados y 211 son públicos. Los ingresos aumentaron en 51.8o/o y los gastos de explotación disminuyeron en 13.9o/o.

Los departamentos de Cundinamarca, Antioquia y Valle del Cauca, suman el 82.0o/o de la capacidad para líneas de abonados y el 80.6o/o del total nacional de aparatos. En el renglón correspondiente a teléfonos públicos, estas mismas secciones representan el 80.8o/o del total.

Algunos departamentos no se incluyeron debido a que las empresas que en ellas prestan el servicio fueron adquiridas por TELECOM.

**CUADRO 43**  
**MOVIMIENTO POSTAL DESPACHADO EN EL INTERIOR DEL PAIS, SEGUN GERENCIAS REGIONALES**  
**1976-1977**

| Gerencias regionales | Años | Clasificaciones |                  |                   |                           |                                  |                                      |                             |                              | (Miles) |
|----------------------|------|-----------------|------------------|-------------------|---------------------------|----------------------------------|--------------------------------------|-----------------------------|------------------------------|---------|
|                      |      | Total de piezas | Cartas porteadas | Tarjetas postales | Recomendados particulares | Correspondencia cuenta corriente | Cartas y recomendados con franquicia | Impresos y papel de negocio | Pequeños paquetes y muestras |         |
| TOTAL                | 1976 | 88.929          | 56.613           | 282               | 1.233                     | 6.725                            | 6.711                                | 17.263                      | 102                          |         |
|                      | 1977 | 96.570          | 65.095           | 304               | 1.430                     | 7.725                            | 2.066                                | 19.834                      | 116                          |         |
| Bogotá               | 1976 | 46.972          | 28.085           | 144               | 635                       | 3.464                            | 3.074                                | 11.523                      | 47                           |         |
|                      | 1977 | 51.518          | 32.428           | 149               | 746                       | 3.993                            | 817                                  | 13.331                      | 54                           |         |
| Barranquilla         | 1976 | 4.542           | 3.337            | 14                | 62                        | 336                              | 416                                  | 371                         | 6                            |         |
|                      | 1977 | 4.829           | 3.860            | 17                | 69                        | 391                              | 58                                   | 427                         | 7                            |         |
| Bucaramanga          | 1976 | 6.101           | 4.421            | 19                | 84                        | 457                              | 557                                  | 555                         | 8                            |         |
|                      | 1977 | 6.744           | 5.198            | 23                | 100                       | 539                              | 233                                  | 642                         | 9                            |         |
| Cali                 | 1976 | 10.075          | 5.650            | 36                | 157                       | 854                              | 745                                  | 2.622                       | 11                           |         |
|                      | 1977 | 10.574          | 6.297            | 37                | 172                       | 955                              | 182                                  | 2.919                       | 12                           |         |
| Ibagué               | 1976 | 5.079           | 3.673            | 17                | 70                        | 383                              | 463                                  | 466                         | 7                            |         |
|                      | 1977 | 5.432           | 4.198            | 19                | 81                        | 440                              | 156                                  | 530                         | 8                            |         |
| Manizales            | 1976 | 6.212           | 4.491            | 20                | 86                        | 471                              | 564                                  | 571                         | 9                            |         |
|                      | 1977 | 6.420           | 4.978            | 22                | 96                        | 522                              | 157                                  | 635                         | 10                           |         |
| Medellín             | 1976 | 9.948           | 6.956            | 32                | 139                       | 760                              | 892                                  | 1.155                       | 14                           |         |
|                      | 1977 | 11.053          | 8.136            | 37                | 166                       | 885                              | 463                                  | 1.350                       | 16                           |         |

Fuente: Administración Postal Nacional.

**CUADRO 44**  
**ENVIOS BAJO CONTROL EN EL INTERIOR Y EXTERIOR DEL PAIS,**  
**SEGUN GERENCIAS REGIONALES**  
**1976-1977**

| Gerencias regionales | Años | Total de piezas | Certificados | Cartas aseguradas | Encomiendas aseguradas | Encomiendas contra reembolso |
|----------------------|------|-----------------|--------------|-------------------|------------------------|------------------------------|
| TOTAL                | 1976 | 1.862.121       | 1.778.769    | 4.624             | 70.586                 | 8.142                        |
|                      | 1977 | 2.232.085       | 2.115.726    | 10.919            | 79.187                 | 26.253                       |
| Bogotá               | 1976 | 406.220         | 386.579      | 1.058             | 13.514                 | 5.069                        |
|                      | 1977 | 697.349         | 654.652      | 1.006             | 20.426                 | 21.265                       |
| Barranquilla         | 1976 | 184.907         | 175.041      | 76                | 8.894                  | 896                          |
|                      | 1977 | 190.917         | 177.648      | 91                | 11.839                 | 1.339                        |
| Bucaramanga          | 1976 | 275.514         | 261.792      | 486               | 12.520                 | 716                          |
|                      | 1977 | 334.302         | 320.622      | 2.396             | 9.866                  | 1.418                        |
| Cali                 | 1976 | 237.600         | 225.490      | —                 | 12.042                 | 68                           |
|                      | 1977 | 260.721         | 245.170      | —                 | 15.394                 | 157                          |
| Ibagué               | 1976 | 220.401         | 212.760      | 1.226             | 5.303                  | 1.112                        |
|                      | 1977 | 316.297         | 305.116      | 2.124             | 7.456                  | 1.601                        |
| Manizales            | 1976 | 199.130         | 191.732      | —                 | 7.333                  | 65                           |
|                      | 1977 | 209.567         | 197.856      | 4.216             | 7.390                  | 105                          |
| Medellín             | 1976 | 338.349         | 325.375      | 1.778             | 10.980                 | 216                          |
|                      | 1977 | 222.932         | 214.662      | 1.066             | 6.816                  | 368                          |

Fuente: Administración Postal Nacional.

**CUADRO 45**  
**TRAFICO TELEGRAFICO (INTERIOR Y EXTERIOR)**  
**SEGUN GERENCIAS REGIONALES 1976-1977**

| Gerencias regionales | Años | Interior    |             |             | Exterior    |           |             |
|----------------------|------|-------------|-------------|-------------|-------------|-----------|-------------|
|                      |      | Transmitido |             |             | Transmitido |           |             |
|                      |      | Mensajes    | Palabras    | Valor \$    | Mensajes    | Palabras  | Valor \$    |
| TOTAL                | 1976 | 19.399.305  | 408.446.508 | 213.168.652 | 219.749     | 6.252.430 | 102.035.809 |
|                      | 1977 | 19.505.469  | 415.626.268 | 232.741.302 | 192.468     | 5.499.334 | 116.065.363 |
| Barranquilla         | 1976 | 2.766.068   | 54.703.265  | 29.294.587  | 28.786      | 713.072   | 9.742.117   |
|                      | 1977 | 2.731.197   | 55.275.047  | 32.309.717  | 26.164      | 616.389   | 10.985.106  |
| Bogotá               | 1976 | 5.872.736   | 139.269.812 | 76.175.414  | 124.611     | 3.660.558 | 63.949.610  |
|                      | 1977 | 5.782.562   | 137.818.606 | 81.633.997  | 103.722     | 3.199.757 | 71.333.824  |
| Bucaramanga          | 1976 | 2.637.652   | 49.935.353  | 25.353.326  | 5.634       | 157.224   | 2.086.659   |
|                      | 1977 | 2.680.541   | 52.910.910  | 28.003.649  | 5.715       | 157.602   | 2.417.929   |
| Cali                 | 1976 | 2.818.618   | 59.783.898  | 29.717.536  | 32.419      | 981.862   | 14.791.622  |
|                      | 1977 | 2.870.202   | 61.020.307  | 34.687.401  | 29.874      | 845.728   | 17.444.531  |
| Ibagué               | 1976 | 1.860.218   | 36.700.156  | 18.442.619  | 1.252       | 27.177    | 350.182     |
|                      | 1977 | 1.910.562   | 38.146.089  | 19.772.692  | 1.442       | 32.342    | 561.201     |
| Manizales            | 1976 | 1.535.025   | 31.457.950  | 15.068.215  | 3.967       | 95.141    | 1.584.239   |
|                      | 1977 | 1.632.337   | 32.944.015  | 16.682.664  | 3.964       | 96.380    | 2.060.919   |
| Medellín             | 1976 | 1.908.988   | 36.596.074  | 19.116.955  | 23.080      | 617.396   | 9.531.380   |
|                      | 1977 | 1.898.068   | 37.511.294  | 19.651.182  | 21.587      | 551.136   | 11.261.853  |

Fuente: Empresa Nacional de Telecomunicaciones (TELECOM).

**CUADRO 46**  
**TRAFICO TELEGRAFICO MENSUAL (INTERIOR Y EXTERIOR)**  
**1976-1977**

| Años y meses |      | Interior    |             |             | Exterior    |           |             |
|--------------|------|-------------|-------------|-------------|-------------|-----------|-------------|
|              |      | Transmitido |             |             | Transmitido |           |             |
|              |      | Mensajes    | Palabras    | Valor \$    | Mensajes    | Palabras  | Valor \$    |
| TOTAL        | 1976 | 19.399.305  | 408.446.508 | 213.168.652 | 219.749     | 6.252.430 | 102.035.809 |
|              | 1977 | 19.505.469  | 415.626.268 | 232.741.302 | 192.468     | 5.499.334 | 116.065.363 |
| Enero        | 1976 | 1.586.269   | 31.905.141  | 15.570.505  | 16.849      | 483.674   | 7.277.770   |
|              | 1977 | 1.491.993   | 29.493.404  | 14.489.715  | 14.559      | 370.359   | 7.127.716   |
| Febrero      | 1976 | 1.472.437   | 31.919.463  | 15.876.952  | 18.290      | 541.205   | 7.746.992   |
|              | 1977 | 1.481.403   | 32.236.987  | 16.172.738  | 17.408      | 482.505   | 9.352.271   |
| Marzo        | 1976 | 1.532.054   | 33.543.681  | 17.276.471  | 19.414      | 542.607   | 8.346.026   |
|              | 1977 | 1.572.594   | 32.562.349  | 16.754.788  | 16.521      | 441.592   | 8.700.153   |
| Abril        | 1976 | 1.457.918   | 34.373.262  | 17.546.260  | 17.293      | 500.537   | 7.472.143   |
|              | 1977 | 1.436.609   | 30.694.528  | 16.294.943  | 15.778      | 437.564   | 8.924.778   |
| Mayo         | 1976 | 1.720.348   | 35.722.937  | 18.643.324  | 18.591      | 545.625   | 8.423.086   |
|              | 1977 | 1.780.747   | 37.751.857  | 20.430.656  | 15.862      | 450.520   | 9.779.657   |
| Junio        | 1976 | 1.567.059   | 32.562.103  | 16.903.844  | 20.255      | 578.063   | 8.766.163   |
|              | 1977 | 1.603.044   | 33.783.343  | 18.291.991  | 15.330      | 446.589   | 9.777.368   |
| Julio        | 1976 | 1.600.374   | 33.075.198  | 17.281.151  | 19.393      | 573.608   | 8.766.609   |
|              | 1977 | 1.593.924   | 33.322.256  | 18.229.886  | 15.736      | 447.023   | 9.662.425   |
| Agosto       | 1976 | 1.570.725   | 33.110.915  | 17.373.183  | 20.375      | 573.552   | 8.374.180   |
|              | 1977 | 1.664.691   | 35.506.324  | 21.925.213  | 17.168      | 507.889   | 11.074.634  |
| Septiembre   | 1976 | 1.604.025   | 33.855.802  | 18.633.127  | 18.317      | 518.961   | 8.931.897   |
|              | 1977 | 1.735.752   | 36.426.757  | 22.185.650  | 15.486      | 465.316   | 10.300.807  |
| Octubre      | 1976 | 1.491.636   | 31.509.158  | 16.830.509  | 16.285      | 450.831   | 8.961.260   |
|              | 1977 | 1.534.496   | 34.977.263  | 20.375.773  | 16.148      | 479.209   | 10.708.697  |
| Noviembre    | 1976 | 1.613.469   | 33.284.462  | 17.856.046  | 16.175      | 454.170   | 9.388.212   |
|              | 1977 | 1.570.266   | 33.916.010  | 21.328.174  | 15.059      | 460.900   | 9.922.145   |
| Diciembre    | 1976 | 2.182.991   | 43.584.386  | 23.377.280  | 18.512      | 489.597   | 9.581.471   |
|              | 1977 | 2.039.950   | 44.955.190  | 26.261.775  | 17.413      | 509.868   | 10.734.712  |

Fuente: Empresa Nacional de Telecomunicaciones (TELECOM).



**CUADRO 47**  
**TRAFICO MENSUAL DE MUX**  
**1976-1977**

| Meses      | 1976     |           |             | 1977     |           |             | Variación o/o<br>1977/1976<br>valor |
|------------|----------|-----------|-------------|----------|-----------|-------------|-------------------------------------|
|            | Llamadas | Minutos   | Valor \$ 1/ | Llamadas | Minutos   | Valor \$ 1/ |                                     |
| TOTAL      | 652.390  | 2.143.318 | 260.392.806 | 722.266  | 2.406.537 | 317.541.209 | 21.9                                |
| Enero      | 43.603   | 140.549   | 17.480.374  | 52.074   | 177.952   | 22.200.022  | 27.0                                |
| Febrero    | 47.220   | 157.267   | 18.762.665  | 51.976   | 176.050   | 21.479.603  | 14.5                                |
| Marzo      | 54.182   | 176.916   | 21.487.172  | 57.630   | 189.799   | 23.674.307  | 10.2                                |
| Abril      | 56.048   | 186.861   | 22.503.666  | 57.199   | 192.613   | 26.066.249  | 15.8                                |
| Mayo       | 52.244   | 169.842   | 20.642.611  | 58.761   | 199.228   | 26.621.372  | 29.0                                |
| Junio      | 54.574   | 182.191   | 22.172.685  | 66.237   | 219.750   | 29.270.700  | 32.0                                |
| Julio      | 57.456   | 190.000   | 22.863.842  | 54.832   | 199.912   | 26.729.890  | 16.9                                |
| Agosto     | 58.367   | 190.800   | 23.036.905  | 64.935   | 213.729   | 28.507.217  | 23.8                                |
| Septiembre | 59.631   | 192.129   | 23.328.950  | 60.727   | 198.860   | 27.324.869  | 17.1                                |
| Octubre    | 56.888   | 186.611   | 22.914.769  | 67.973   | 224.718   | 30.133.110  | 31.5                                |
| Noviembre  | 57.836   | 190.717   | 23.335.287  | 62.954   | 210.640   | 28.371.424  | 21.6                                |
| Diciembre  | 54.341   | 179.435   | 21.863.880  | 66.968   | 203.286   | 27.162.446  | 24.2                                |

1/ Incluye el valor del arriendo de máquinas y otros ingresos.  
Fuente: Empresa Nacional de Telecomunicaciones (TELECOM).

**CUADRO 48**  
**TRAFICO MENSUAL DE TELEX**  
**1976-1977**

| Meses      | 1976       |             | 1977       |             | Variación o/o<br>1977/1976 |       |
|------------|------------|-------------|------------|-------------|----------------------------|-------|
|            | Impulsos   | Valor \$ 1/ | Impulsos   | Valor \$ 1/ | Impulsos                   | Valor |
| TOTAL      | 63.276.480 | 126.185.495 | 67.754.655 | 167.358.447 | 7.1                        | 32.6  |
| Enero      | 4.740.566  | 9.848.021   | 4.206.377  | 8.992.353   | - 11.3                     | - 8.7 |
| Febrero    | 5.577.176  | 10.935.448  | 5.084.396  | 10.212.393  | - 8.8                      | - 6.6 |
| Marzo      | 5.182.158  | 10.366.768  | 5.407.025  | 10.692.588  | 4.3                        | 3.1   |
| Abril      | 5.284.716  | 10.396.466  | 5.313.115  | 13.919.048  | 0.5                        | 33.9  |
| Mayo       | 4.818.355  | 10.349.846  | 5.721.935  | 14.879.805  | 18.8                       | 43.8  |
| Junio      | 5.254.619  | 10.411.505  | 5.673.021  | 14.717.380  | 8.0                        | 41.4  |
| Julio      | 5.172.516  | 10.296.847  | 5.744.630  | 14.850.534  | 11.1                       | 44.2  |
| Agosto     | 5.520.327  | 10.860.573  | 6.060.499  | 15.524.006  | 9.8                        | 42.9  |
| Septiembre | 5.454.126  | 10.646.860  | 6.409.175  | 16.588.909  | 17.5                       | 55.8  |
| Octubre    | 5.216.282  | 10.411.319  | 5.926.088  | 15.408.769  | 13.6                       | 48.0  |
| Noviembre  | 5.447.013  | 10.668.071  | 5.815.137  | 15.109.746  | 6.8                        | 41.6  |
| Diciembre  | 5.608.626  | 10.993.771  | 6.393.257  | 16.462.916  | 14.0                       | 49.8  |

1/ Incluye el valor del arriendo de máquinas y otros ingresos.  
Fuente: Empresa Nacional de Telecomunicaciones (TELECOM).

**CUADRO 49**  
**TRAFICO TELEFONICO DE LARGA DISTANCIA EN EL INTERIOR DEL PAIS**  
**1976—1977**

| Meses      | Años | Manual y semiautomático |             |             | Automático     |               |
|------------|------|-------------------------|-------------|-------------|----------------|---------------|
|            |      | Llamadas                | Minutos     | Valor \$    | Impulsos       | Valor \$      |
| TOTAL      | 1976 | 29.722.982              | 166.407.211 | 789.643.469 | 10.353.581.936 | 1.034.502.041 |
|            | 1977 | 31.346.652              | 175.016.340 | 935.043.243 | 13.493.160.589 | 1.349.316.077 |
| Enero      | 1976 | 2.452.003               | 13.376.075  | 57.338.500  | 690.732.996    | 69.073.302    |
|            | 1977 | 2.352.214               | 13.000.286  | 62.371.797  | 882.869.860    | 88.286.991    |
| Febrero    | 1976 | 2.422.843               | 13.553.052  | 61.862.567  | 821.601.003    | 82.160.106    |
|            | 1977 | 2.535.893               | 14.372.847  | 72.218.280  | 912.434.718    | 91.243.474    |
| Marzo      | 1976 | 2.392.923               | 13.420.751  | 59.917.144  | 797.990.170    | 78.942.829    |
|            | 1977 | 2.625.382               | 14.900.796  | 74.209.698  | 973.513.403    | 97.351.339    |
| Abril      | 1976 | 2.485.449               | 13.661.844  | 61.538.645  | 826.605.094    | 82.660.515    |
|            | 1977 | 2.486.356               | 14.046.011  | 74.591.967  | 996.713.390    | 99.671.341    |
| Mayo       | 1976 | 2.460.972               | 14.051.007  | 67.897.535  | 842.090.617    | 84.209.067    |
|            | 1977 | 2.656.131               | 14.972.498  | 80.277.708  | 1.145.996.774  | 114.599.679   |
| Junio      | 1976 | 2.507.756               | 13.924.951  | 67.260.925  | 856.617.800    | 85.661.782    |
|            | 1977 | 2.478.702               | 13.711.192  | 73.107.457  | 1.115.657.350  | 111.565.735   |
| Julio      | 1976 | 2.564.512               | 13.969.666  | 68.942.925  | 875.755.111    | 87.575.513    |
|            | 1977 | 2.714.392               | 14.911.458  | 82.061.324  | 1.191.937.758  | 119.193.775   |
| Agosto     | 1976 | 2.543.288               | 14.427.095  | 70.552.910  | 942.913.087    | 94.291.314    |
|            | 1977 | 2.747.281               | 15.383.594  | 86.599.691  | 1.211.612.989  | 121.161.303   |
| Septiembre | 1976 | 2.478.097               | 13.952.114  | 68.793.696  | 921.989.713    | 92.198.972    |
|            | 1977 | 2.663.832               | 15.097.958  | 84.168.813  | 1.314.944.297  | 131.494.431   |
| Octubre    | 1976 | 2.343.702               | 13.154.448  | 63.621.881  | 875.633.365    | 87.563.337    |
|            | 1977 | 2.809.665               | 14.656.845  | 80.410.701  | 1.165.027.348  | 116.502.736   |
| Noviembre  | 1976 | 2.368.748               | 13.915.503  | 67.790.813  | 917.630.646    | 91.763.067    |
|            | 1977 | 2.487.649               | 14.160.676  | 78.508.918  | 1.267.420.713  | 126.742.073   |
| Diciembre  | 1976 | 2.702.689               | 15.000.705  | 74.125.928  | 984.022.334    | 98.402.237    |
|            | 1977 | 2.789.155               | 15.802.179  | 86.516.889  | 1.315.031.989  | 131.503.200   |

Fuente: Empresa Nacional de Telecomunicaciones (TELECOM).

**CUADRO 50**  
**DESARROLLO Y COMPOSICION DEL SERVICIO TELEFONICO,**  
**SEGUN SECCIONES DEL PAIS 1/ 1973-1977**

| Secciones del país |       | Capacidad de las centrales (líneas) 2/ |               |                      |                         | Aparatos telefónicos instalados |          |          | Troncales de PBX en uso | Ingresos (miles \$) | Gastos de explotación (miles \$) |
|--------------------|-------|----------------------------------------|---------------|----------------------|-------------------------|---------------------------------|----------|----------|-------------------------|---------------------|----------------------------------|
|                    |       | Total                                  | Para abonados | Para PBX (troncales) | Para teléfonos públicos | Total                           | Abonados | Públicos |                         |                     |                                  |
| TOTAL              | 1973  | 716.492                                | 669.330       | 28.138               | 18.424                  | 618.345                         | 607.043  | 11.302   | 14.721                  | 875.063             | 999.799                          |
|                    | 1974  | 814.664                                | 762.526       | 30.327               | 21.811                  | 655.095                         | 642.886  | 12.209   | 16.482                  | 1.099.757           | 1.534.285                        |
|                    | 1975® | 901.740                                | 836.342       | 42.661               | 22.777                  | 765.391                         | 765.982  | 12.689   | 18.433                  | 1.289.260           | 1.898.628                        |
|                    | 1976  | 964.729                                | 901.517       | 39.846               | 23.366                  | 809.120                         | 796.323  | 12.797   | 19.951                  | 1.687.536           | 1.938.489                        |
|                    | 1977  | 1.055.196                              | 940.053       | 41.774               | 23.425                  | 835.240                         | 822.232  | 13.008   | 23.003                  | 2.534.223           | 1.669.335                        |
| ANTIOQUIA          | 1973  | 179.220                                | 168.362       | 6.010                | 4.848                   | 153.438                         | 150.194  | 3.244    | 2.337                   | 188.863             | 187.214                          |
|                    | 1974® | 191.375                                | 179.465       | 6.610                | 5.300                   | 166.501                         | 162.931  | 3.570    | 2.570                   | 231.832             | 269.459                          |
|                    | 1975  | 218.373                                | 205.474       | 7.575                | 5.324                   | 176.756                         | 173.170  | 3.586    | 2.945                   | 231.177             | 248.810                          |
|                    | 1976  | 241.819                                | 228.920       | 7.575                | 5.324                   | 188.933                         | 185.398  | 3.535    | 2.945                   | 308.082             | 289.758                          |
|                    | 1977  | 252.588                                | 244.722       | 4.362                | 3.504                   | 196.867                         | 193.363  | 3.504    | 4.362                   | 551.617             | 364.770                          |
| ATLANTICO          | 1973  | 40.000                                 | 37.805        | 1.230                | 965                     | 38.566                          | 37.601   | 965      | 1.230                   | 56.188              | 78.803                           |
|                    | 1974  | 50.000                                 | 47.763        | 1.208                | 1.029                   | 41.585                          | 40.556   | 1.029    | 1.208                   | 85.923              | 37.403                           |
|                    | 1975® | 50.000                                 | 47.657        | 1.305                | 1.038                   | 46.643                          | 45.605   | 1.038    | 1.305                   | 115.481             | 153.555                          |
|                    | 1976  | 50.000                                 | 47.642        | 1.295                | 1.063                   | 46.653                          | 45.590   | 1.063    | 1.295                   | 156.943             | 125.795                          |
|                    | 1977  | 60.000                                 | 49.200        | 3.000                | 1.800                   | 47.534                          | 46.504   | 1.030    | 1.327                   | 219.884             | 162.187                          |
| CALDAS             | 1973  | 24.594                                 | 21.239        | 2.910                | 445                     | 20.325                          | 19.887   | 438      | 640                     | 22.196              | 18.801                           |
|                    | 1974  | 24.934                                 | 21.487        | 2.913                | 534                     | 21.000                          | 20.474   | 526      | 643                     | 25.265              | 40.545                           |
|                    | 1975® | 27.567                                 | 23.497        | 3.513                | 557                     | 22.010                          | 21.458   | 552      | 693                     | 32.144              | 43.530                           |
|                    | 1976  | 27.242                                 | 25.075        | 1.617                | 550                     | 23.489                          | 22.944   | 545      | 319                     | 47.593              | 23.521                           |
|                    | 1977  | 27.140                                 | 25.518        | 1.010                | 560                     | 24.688                          | 24.169   | 519      | 721                     | 61.265              | 25.279                           |
| CUNDINA-MARCA      | 1973  | 303.459                                | 286.771       | 7.722                | 8.966                   | 257.766                         | 253.232  | 4.534    | 7.720                   | 431.033             | 526.208                          |
|                    | 1974  | 360.830                                | 340.251       | 9.357                | 11.222                  | 262.819                         | 258.027  | 4.792    | 9.136                   | 527.571             | 923.218                          |
|                    | 1975® | 395.128                                | 363.971       | 18.844               | 12.313                  | 344.640                         | 339.493  | 5.147    | 10.071                  | 629.370             | 1.125.373                        |
|                    | 1976  | 431.014                                | 398.982       | 19.526               | 12.506                  | 367.309                         | 362.010  | 5.299    | 10.981                  | 896.800             | 1.306.101                        |
|                    | 1977  | 485.933                                | 424.544       | 23.036               | 14.403                  | 383.840                         | 378.432  | 5.408    | 12.065                  | 1.163.619           | 690.161                          |
| HUILA              | 1973  | 6.621                                  | 6.478         | 52                   | 91                      | 6.569                           | 6.478    | 91       | 46                      | 7.579               | 5.975                            |
|                    | 1974  | 9.021                                  | 8.828         | 76                   | 117                     | 8.942                           | 8.825    | 117      | 70                      | 10.420              | 9.352                            |
|                    | 1975® | 9.021                                  | 8.828         | 76                   | 117                     | 8.942                           | 8.825    | 117      | 70                      | 13.468              | 11.854                           |
|                    | 1976  | 9.021                                  | 8.828         | 76                   | 117                     | 8.940                           | 8.824    | 116      | 70                      | 16.311              | 14.161                           |
|                    | 1977  | 9.621                                  | 9.365         | 106                  | 150                     | 9.500                           | 9.350    | 150      | 106                     | 19.012              | 12.576                           |

1/ La información hace referencia a las empresas que no pertenecen a TELECOM (Empresa Nacional de Telecomunicaciones).

2/ En algunos años el total no concuerda con la suma de los tres rubros, debido a que en este se hallan incluidas las líneas disponibles para uso de las empresas

**CUADRO 50**  
**DESARROLLO Y COMPOSICION DEL SERVICIO TELEFONICO SEGUN SECCIONES DEL PAIS 1/**  
**1973-1977**

|                        |       | Capacidad de las centrales (líneas) 2/ |               |                      |                         | Aparatos telefónicos instalados |          |          | Troncales de PBX en uso | Ingresos (miles \$) | Gastos de explotación (miles \$) |
|------------------------|-------|----------------------------------------|---------------|----------------------|-------------------------|---------------------------------|----------|----------|-------------------------|---------------------|----------------------------------|
| Secciones del país     |       | Total                                  | Para abonados | Para PBX (troncales) | Para teléfonos públicos | Total                           | Abonados | Públicos |                         |                     |                                  |
| NARIÑO                 | 1973  | 6.140                                  | 5.977         | 100                  | 63                      | 5.130                           | 5.077    | 53       | 50                      | 6.696               | 2.124                            |
|                        | 1974® | 6.143                                  | 5.980         | 100                  | 63                      | 5.130                           | 5.077    | 53       | 50                      | 5.687               | 2.766                            |
|                        | 1975  | 6.193                                  | 5.980         | 100                  | 113                     | 5.230                           | 5.147    | 83       | 50                      | 9.570               | 3.837                            |
|                        | 1976  | 6.305                                  | 6.090         | 100                  | 115                     | 5.273                           | 5.165    | 108      | 50                      | 10.960              | 5.597                            |
|                        | 1977  | 5.230                                  | 5.164         | 5                    | 31                      | 5.185                           | 5.164    | 21       | 5                       | 14.507              | 13.124                           |
| RISARALDA              | 1973  | 16.673                                 | 16.300        | 153                  | 220                     | 13.216                          | 13.115   | 101      | 40                      | 12.933              | 16.624                           |
|                        | 1974  | 16.674                                 | 16.300        | 154                  | 220                     | 13.821                          | 13.720   | 101      | 44                      | 16.854              | 15.514                           |
|                        | 1975® | 24.434                                 | 24.000        | 174                  | 260                     | 14.926                          | 14.804   | 122      | 60                      | 20.585              | 18.320                           |
|                        | 1976  | 24.964                                 | 24.500        | 204                  | 260                     | 16.690                          | 16.558   | 132      | 179                     | 16.242              | 15.191                           |
|                        | 1977  | 21.900                                 | 18.997        | —                    | 140                     | 18.537                          | 18.397   | 140      | —                       | 41.785              | 34.405                           |
| SANTANDER              | 1973  | 21.039                                 | 18.850        | 1.116                | 473                     | 18.729                          | 18.408   | 321      | 410                     | 31.917              | 27.254                           |
|                        | 1974  | 24.898                                 | 23.350        | 1.028                | 520                     | 21.894                          | 21.573   | 321      | 417                     | 40.575              | 40.411                           |
|                        | 1975® | 28.518                                 | 25.970        | 2.028                | 520                     | 25.029                          | 24.718   | 311      | 647                     | 55.346              | 88.824                           |
|                        | 1976  | 27.104                                 | 24.779        | 1.825                | 500                     | 23.647                          | 23.356   | 291      | 1.774                   | 45.187              | 22.161                           |
|                        | 1977  | 26.500                                 | 24.079        | 2.005                | 416                     | 22.681                          | 22.339   | 342      | 1.804                   | 81.587              | 37.628                           |
| TOLIMA                 | 1973  | 9.078                                  | 8.381         | 558                  | 139                     | 8.276                           | 8.191    | 85       | 160                     | 7.826               | 2.190                            |
|                        | 1974  | 8.778                                  | 8.381         | 258                  | 139                     | 8.361                           | 8.276    | 85       | 158                     | 12.485              | 6.633                            |
|                        | 1975® | 10.888                                 | 10.371        | 378                  | 179                     | 9.802                           | 9.716    | 86       | 274                     | 5.268               | 2.518                            |
|                        | 1976  | 13.972                                 | 13.015        | 543                  | 414                     | 10.881                          | 10.749   | 132      | 364                     | 17.119              | 2.256                            |
|                        | 1977  | 11.949                                 | 11.360        | 187                  | 123                     | 11.404                          | 11.287   | 117      | 187                     | 41.061              | 18.831                           |
| VALLE DEL CAUCA        | 1973  | 87.281                                 | 77.273        | 8.010                | 1.998                   | 76.486                          | 75.215   | 1.271    | 1.991                   | 88.883              | 116.242                          |
|                        | 1974  | 99.564                                 | 88.767        | 8.346                | 2.451                   | 85.032                          | 83.626   | 1.406    | 2.089                   | 113.800             | 172.851                          |
|                        | 1975® | 106.483                                | 96.027        | 8.373                | 2.083                   | 89.036                          | 87.602   | 1.434    | 2.218                   | 126.641             | 176.783                          |
|                        | 1976  | 109.241                                | 100.062       | 6.930                | 2.249                   | 95.298                          | 93.976   | 1.322    | 1.835                   | 133.564             | 78.421                           |
|                        | 1977  | 127.875                                | 101.339       | 7.913                | 2.103                   | 92.220                          | 90.618   | 1.602    | 2.334                   | 267.566             | 253.912                          |
| OTROS DEPARTAMENTOS 3/ | 1973  | 22.387                                 | 21.894        | 277                  | 216                     | 19.844                          | 19.645   | 199      | 97                      | 20.949              | 18.364                           |
|                        | 1974  | 22.447                                 | 21.954        | 277                  | 216                     | 20.010                          | 19.801   | 209      | 97                      | 29.345              | 16.133                           |
|                        | 1975  | 25.135                                 | 24.567        | 295                  | 273                     | 22.377                          | 22.164   | 213      | 100                     | 50.210              | 25.227                           |
|                        | 1976® | 24.047                                 | 23.624        | 155                  | 268                     | 22.007                          | 21.753   | 254      | 139                     | 38.735              | 55.520                           |
|                        | 1977  | 26.460                                 | 25.765        | 150                  | 195                     | 22.784                          | 22.609   | 175      | 92                      | 72.320              | 56.462                           |

1/ La información hace referencia a las empresas que no pertenecen a TELECOM (Empresa Nacional de Telecomunicaciones).

2/ En algunos años el total no concuerda con la suma de los tres rubros, debido a que en este se hallan incluidas las líneas disponibles para uso de las empresas.

3/ Comprende: Cauca, Cesar, La Guajira, Magdalena, Meta y Quindío.

Fuente: Empresas de teléfonos departamentales, municipales y particulares.

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