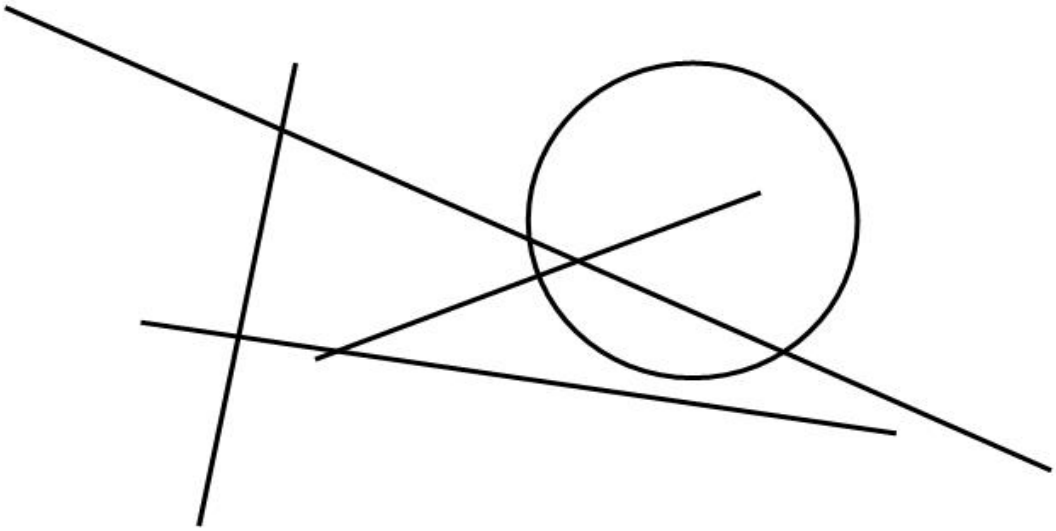

Japan Inter-regional Travel Survey 1990

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Travel Survey Metadata Series **21**

Japan Inter-regional Travel Survey 1990

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Abstract

T.B.A.

Keywords

Preferred citation style

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1.0 Document Description

Citation

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2.0 Study Description

Citation

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Depositor:	Ministry of Land, Infrastructure and Transport, Japan
Version:	2005 year version

Study Scope

Keywords:	Origin-destination matrix , Travel demand , Mode of transport , Inter-regional travel
Abstract:	T.B.A.
Time Period:	-
Date of Collection:	-
Country:	Japan
Geographic Coverage:	all over Japan
Geographic Unit(s):	Traffic zone
Unit of Analysis:	originally individual data but aggregated to the prefectural-based data.
Universe:	All kinds of Japanese citizens who traveled from one region to another region on a day in October 1990 are covered. Only inter-regional travel for private and business purposes is observed. Region is defined as the daily-life activity area in which people commute to workplae and go to school. All over Japan is divided into 207 traffic zones. Not included the daily travel such as home-to-work, work-to-home, home-to-school, school-to-home.
Kind of Data:	Prefectual-data

Methodology and Processing

Time Method:	Cross-sectional
Sampling Procedure:	Sampling procedure is different among modes. Rail: random sampling of rail-use travelers from the inter-regional trains which are randomly selected on a one day. Ship: Car: randomly
Mode of Data Collection:	Paper and pencil based personal interviews for public transport (except plane). Paper and pencil based self-administarted questionnaire for Plane.

Sources Statement

3.0 File Description

File: 1990od_japan.NSDstat

- Number of cases: 2500
- No. of variables per record: 10
- Type of File: NSDstat 200203

4.0 Variable Description

Variable Groups

- Inter-zonal traffic volumes

Inter-zonal traffic volumes

Variables within *Inter-zonal traffic volumes*

- Origin zone: Number
- Origin zone: Name
- Destination zone: Number
- Destination zone: Name
- Mode of transport: Plane
- Mode of transport: Rail
- Mode of transport: Ship
- Mode of transport: Bus
- Mode of transport: Car
- Observed volume (* 1000 persons/year)

Variables

Variable: **Origin zone: Number**

Range of Valid Data Values: 1 to 50

Summary Statistics:

Minimum : 1

Maximum : 50

Variable Format: numeric

Variable: **Origin zone: Name**

Value	Label	Frequency
1 .	Dohoku	50
2 .	Miyazaki	50
3 .	Kagoshima	50
4 .	Okinawa	50
5 .	Doto	50
6 .	Doo	50
7 .	Donan	50
8 .	Aomori	50
9 .	Iwate	50
10 .	Miyagi	50
11 .	Akita	50
12 .	Yamagata	50
13 .	Fukushima	50
14 .	Ibaraki	50

15 .	Tochigi	50
16 .	Gunma	50
17 .	Saitama	50
18 .	Chiba	50
19 .	Tokyo	50
20 .	Kanagawa	50
21 .	Niigata	50
22 .	Toyama	50
23 .	Ishikawa	50
24 .	Fukui	50
25 .	Yamanashi	50
26 .	Nagano	50
27 .	Gifu	50
28 .	Shizuoka	50
29 .	Aichi	50
30 .	Mie	50

31 .	Shiga	50
32 .	Kyoto	50
33 .	Osaka	50
34 .	Hyogo	50
35 .	Nara	50
36 .	Wakayama	50
37 .	Tottori	50
38 .	Shimane	50
39 .	Okayama	50
40 .	Hiroshima	50
41 .	Yamaguchi	50
42 .	Tokushima	50
43 .	Kagawa	50
44 .	Ehime	50
45 .	Kouchi	50
46 .	Fukuoka	50

47 .	Saga	50
48 .	Nagasaki	50
49 .	Kumamoto	50
50 .	Oita	50

Range of Valid Data Values: 1 to 50

Summary Statistics:

Variable Format: numeric

Variable: **Destination zone: Number**

Range of Valid Data Values: 1 to 50

Summary Statistics:

Minimum : 1

Maximum : 50

Variable Format: numeric

Variable: **Destination zone: Name**

Value	Label	Frequency
1 .	Dohoku	50
2 .	Doto	50
3 .	Doo	50
4 .	Donan	50
5 .	Aomori	50
6 .	Iwate	50
7 .	Miyagi	50
8 .	Akita	50
9 .	Yamagata	50
10 .	Fukushima	50
11 .	Ibaraki	50
12 .	Tochigi	50
13 .	Gunma	50
14 .	Saitama	50

15 .	Chiba	50
16 .	Tokyo	50
17 .	Kanagawa	50
18 .	Niigata	50
19 .	Toyama	50
20 .	Ishikawa	50
21 .	Fukui	50
22 .	Yamanashi	50
23 .	Nagano	50
24 .	Gifu	50
25 .	Shizuoka	50
26 .	Aichi	50
27 .	Mie	50
28 .	Shiga	50
29 .	Kyoto	50
30 .	Osaka	50

31 .	Hyogo	50
32 .	Nara	50
33 .	Wakayama	50
34 .	Tottori	50
35 .	Shimane	50
36 .	Okayama	50
37 .	Hiroshima	50
38 .	Yamaguchi	50
39 .	Tokushima	50
40 .	Kagawa	50
41 .	Ehime	50
42 .	Kouchi	50
43 .	Fukuoka	50
44 .	Saga	50
45 .	Nagasaki	50
46 .	Kumamoto	50

47 .	Oita	50
48 .	Miyazaki	50
49 .	Kagoshima	50
50 .	Okinawa	50

Range of Valid Data Values: 1 to 50

Summary Statistics:

Variable Format: numeric

Variable: **Mode of transport: Plane**

Value	Label	Frequency
0 .		791
1 .		288
2 .		162
3 .		100
4 .		92
5 .		68
6 .		62
7 .		48
8 .		58
9 .		51
10 .		47
11 .		21
12 .		39
13 .		29

14 .	22
15 .	21
16 .	22
17 .	17
18 .	21
19 .	15
20 .	8
21 .	16
22 .	16
23 .	14
24 .	14
25 .	8
26 .	9
27 .	13
28 .	7
29 .	10

30 .	12
31 .	14
32 .	6
33 .	12
34 .	8
35 .	8
36 .	11
37 .	5
38 .	7
39 .	11
40 .	6
41 .	5
42 .	5
43 .	5
44 .	7
45 .	5

46 .	10
47 .	6
48 .	9
49 .	5
50 .	6
51 .	3
52 .	3
53 .	9
54 .	6
55 .	3
56 .	3
57 .	1
58 .	1
59 .	2
60 .	5
61 .	2

62 . 2

63 . 3

64 . 2

65 . 2

66 . 3

67 . 3

68 . 3

69 . 3

70 . 3

71 . 1

72 . 4

73 . 4

75 . 2

78 . 1

79 . 2

80 . 1

81 .	1
82 .	1
83 .	1
84 .	3
85 .	3
86 .	1
87 .	1
88 .	2
91 .	2
93 .	2
94 .	1
95 .	1
96 .	1
97 .	1
98 .	1
99 .	1

101 .	2
102 .	2
103 .	3
104 .	1
105 .	1
106 .	1
107 .	1
111 .	2
113 .	1
115 .	3
118 .	1
119 .	3
120 .	1
121 .	1
124 .	1
127 .	1

128 .	2
129 .	1
130 .	1
131 .	3
136 .	1
139 .	1
140 .	2
144 .	1
147 .	1
148 .	1
149 .	1
150 .	2
152 .	1
154 .	5
155 .	2
158 .	3

159 . 1

162 . 1

165 . 1

167 . 1

168 . 1

170 . 1

171 . 2

172 . 1

173 . 1

174 . 1

175 . 1

178 . 1

180 . 1

181 . 1

184 . 1

186 . 1

190 .	1
205 .	2
208 .	2
209 .	1
211 .	1
212 .	1
213 .	2
216 .	1
221 .	1
222 .	1
224 .	2
225 .	1
230 .	1
231 .	1
232 .	1
233 .	1

235 .	1
237 .	1
239 .	1
240 .	1
248 .	1
249 .	1
251 .	1
270 .	1
272 .	2
274 .	1
281 .	2
286 .	1
287 .	1
289 .	1
297 .	1
299 .	1

303 . 1

305 . 1

308 . 1

309 . 1

310 . 2

311 . 1

312 . 1

317 . 1

324 . 1

327 . 1

328 . 1

333 . 1

338 . 2

339 . 1

349 . 1

353 . 1

358 .	1
367 .	2
372 .	1
379 .	1
389 .	1
421 .	1
425 .	1
466 .	1
468 .	1
497 .	1
523 .	1
526 .	1
558 .	1
576 .	1
592 .	1
879 .	1

888 .	1
1298 .	1
1374 .	1
2167 .	1
2282 .	1

Range of Valid Data Values: 0 to 2282

Summary Statistics:

Minimum : 0

Maximum : 2282

Mean : 25.436

Standard deviation : 96.427

Variable Format: numeric

Notes: Intra-traffic zonal traffic volume is purposefully ignored and considered as zero.

Variable: **Mode of transport: Rail**

Value	Label	Frequency
0 .		728
1 .		110
2 .		86
3 .		74
4 .		66
5 .		60
6 .		45
7 .		33
8 .		26
9 .		46
10 .		32
11 .		30
12 .		34
13 .		24

14 .	26
15 .	27
16 .	22
17 .	29
18 .	14
19 .	12
20 .	11
21 .	16
22 .	21
23 .	17
24 .	9
25 .	9
26 .	18
27 .	13
28 .	19
29 .	10

30 .	17
31 .	12
32 .	9
33 .	15
34 .	11
35 .	11
36 .	16
37 .	11
38 .	8
39 .	10
40 .	3
41 .	11
42 .	6
43 .	5
44 .	11
45 .	11

46 .	7
47 .	10
48 .	3
49 .	6
50 .	10
51 .	4
52 .	4
53 .	11
54 .	5
55 .	6
56 .	6
57 .	6
58 .	3
59 .	7
60 .	12
61 .	6

62 .	5
63 .	5
64 .	7
65 .	4
66 .	3
67 .	3
68 .	4
69 .	2
70 .	4
71 .	2
72 .	4
73 .	3
74 .	4
75 .	2
76 .	7
77 .	3

78 .	3
79 .	5
80 .	2
81 .	4
82 .	1
83 .	7
84 .	7
85 .	4
86 .	1
87 .	2
88 .	4
89 .	2
90 .	8
91 .	6
93 .	3
94 .	6

95 .	2
97 .	7
98 .	5
99 .	4
100 .	2
101 .	3
102 .	3
103 .	4
104 .	3
105 .	1
106 .	2
107 .	3
108 .	1
109 .	4
110 .	1
111 .	5

112 .	2
113 .	2
114 .	2
115 .	1
116 .	1
117 .	1
118 .	3
119 .	3
122 .	3
123 .	1
124 .	2
125 .	2
126 .	3
127 .	2
128 .	2
129 .	2

130 .	1
131 .	4
132 .	6
133 .	4
134 .	3
135 .	2
136 .	2
137 .	4
138 .	2
139 .	3
140 .	3
141 .	1
142 .	2
143 .	5
145 .	2
146 .	1

147 .	2
148 .	2
149 .	2
150 .	1
151 .	1
153 .	2
154 .	3
155 .	2
157 .	1
159 .	1
160 .	2
161 .	1
162 .	2
163 .	1
164 .	1
165 .	2

166 . 2

167 . 1

168 . 2

170 . 2

172 . 4

174 . 1

176 . 1

177 . 3

179 . 1

180 . 1

181 . 1

182 . 2

183 . 1

186 . 2

187 . 2

188 . 1

189 .	1
192 .	1
193 .	2
194 .	2
195 .	1
196 .	3
197 .	1
198 .	2
200 .	1
202 .	1
204 .	2
206 .	1
209 .	1
211 .	1
212 .	1
217 .	2

218 .	4
220 .	2
221 .	2
222 .	2
225 .	1
226 .	1
227 .	2
228 .	1
231 .	1
233 .	1
235 .	1
236 .	1
237 .	1
238 .	1
239 .	4
240 .	1

242 .	2
245 .	1
246 .	1
254 .	1
257 .	1
258 .	1
261 .	1
262 .	2
264 .	1
266 .	1
275 .	2
279 .	1
284 .	1
285 .	2
287 .	1
288 .	1

289 .	1
294 .	1
295 .	1
297 .	1
298 .	1
302 .	2
303 .	1
308 .	1
309 .	1
323 .	1
332 .	1
339 .	1
342 .	1
343 .	1
346 .	1
351 .	1

354 .	2
356 .	2
358 .	1
359 .	1
360 .	1
362 .	2
369 .	1
371 .	1
374 .	1
375 .	1
378 .	3
383 .	1
384 .	1
388 .	1
391 .	1
392 .	1

406 . 1

408 . 1

411 . 1

413 . 1

414 . 1

416 . 1

418 . 2

421 . 3

422 . 1

423 . 1

424 . 1

428 . 2

432 . 1

434 . 1

444 . 1

445 . 1

455 .	1
461 .	1
464 .	1
465 .	1
466 .	1
469 .	2
471 .	1
477 .	1
478 .	1
480 .	1
482 .	2
493 .	1
498 .	1
500 .	1
501 .	1
503 .	1

507 .	1
509 .	1
512 .	1
515 .	1
519 .	1
523 .	1
529 .	1
530 .	1
540 .	1
547 .	1
549 .	2
555 .	1
560 .	2
562 .	1
564 .	1
565 .	1

566 .	1
574 .	1
575 .	1
582 .	1
584 .	1
588 .	1
592 .	1
593 .	1
599 .	1
600 .	1
606 .	1
608 .	1
613 .	1
615 .	1
619 .	1
640 .	1

652 .	3
657 .	1
660 .	2
664 .	1
666 .	1
683 .	1
690 .	1
700 .	1
714 .	1
717 .	1
740 .	1
745 .	1
747 .	1
760 .	1
790 .	1
805 .	1

818 .	1
827 .	1
835 .	1
850 .	1
852 .	1
857 .	1
864 .	1
878 .	1
879 .	1
888 .	1
908 .	1
921 .	1
928 .	1
987 .	1
991 .	1
1004 .	1

1014 .	1
1037 .	1
1052 .	1
1063 .	1
1085 .	1
1096 .	1
1147 .	1
1221 .	1
1224 .	1
1298 .	1
1403 .	1
1551 .	1
1554 .	1
1611 .	1
1703 .	1
1722 .	1

1796 . 1

1856 . 1

1898 . 1

1972 . 1

1975 . 1

1998 . 1

2010 . 1

2011 . 1

2139 . 1

2220 . 1

2324 . 1

2729 . 1

2822 . 1

2929 . 1

3204 . 1

3518 . 1

3940 .	1
4061 .	1
4107 .	1
4357 .	1
4539 .	1
4557 .	1
4584 .	1

Range of Valid Data Values: 0 to 4584

Summary Statistics:

Minimum : 0

Maximum : 4584

Mean : 94.439

Standard deviation : 335.645

Variable Format: numeric

Notes: Intra-traffic zonal traffic volume is purposefully ignored and considered as zero.

Variable: **Mode of transport: Ship**

Value	Label	Frequency
0 .		2168
1 .		63
2 .		51
3 .		32
4 .		25
5 .		13
6 .		12
7 .		5
8 .		7
9 .		6
10 .		5
11 .		8
12 .		4
13 .		3

14 .	6
15 .	2
16 .	4
17 .	1
18 .	4
19 .	1
20 .	1
21 .	2
22 .	3
23 .	1
24 .	3
25 .	3
26 .	2
27 .	1
28 .	3
32 .	1

33 .	2
34 .	1
36 .	2
37 .	1
39 .	2
40 .	2
41 .	1
43 .	1
45 .	3
51 .	3
52 .	2
54 .	1
55 .	1
56 .	1
59 .	1
60 .	1

64 .	1
65 .	1
69 .	2
74 .	1
75 .	2
76 .	1
82 .	1
88 .	1
94 .	2
98 .	1
111 .	1
113 .	1
115 .	1
122 .	1
147 .	1
148 .	1

154 .	1
156 .	1
159 .	1
160 .	1
169 .	1
224 .	1
248 .	1
257 .	1
313 .	1
338 .	1
363 .	1
367 .	1
401 .	1
489 .	1
566 .	1
604 .	1

Range of Valid Data Values: 0 to 604

Summary Statistics:

Minimum : 0

Maximum : 604

Mean : 3.808

Standard deviation : 28.895

Variable Format: numeric

Notes: Intra-traffic zonal traffic volume is purposefully ignored and considered as zero.

Variable: **Mode of transport: Bus**

Value	Label	Frequency
0 .		1922
1 .		161
2 .		75
3 .		50
4 .		41
5 .		31
6 .		16
7 .		20
8 .		14
9 .		15
10 .		10
11 .		4
12 .		10
13 .		6

14 .	5
15 .	2
16 .	6
17 .	3
18 .	7
19 .	7
20 .	2
21 .	4
22 .	3
23 .	2
24 .	4
26 .	2
27 .	3
28 .	1
29 .	1
30 .	1

32 .	1
33 .	2
35 .	2
36 .	1
37 .	1
38 .	2
40 .	2
41 .	2
43 .	1
45 .	1
46 .	3
47 .	2
49 .	3
51 .	1
52 .	2
53 .	1

56 .	1
60 .	1
63 .	2
64 .	1
65 .	1
66 .	1
67 .	1
69 .	1
70 .	1
71 .	1
72 .	2
75 .	1
78 .	1
82 .	1
90 .	1
91 .	1

92 .	1
95 .	1
101 .	3
105 .	1
109 .	1
113 .	1
117 .	1
143 .	1
156 .	1
159 .	1
164 .	1
169 .	1
175 .	1
182 .	1
187 .	1
239 .	1

256 .	1
270 .	1
276 .	1
420 .	1
424 .	1
442 .	1
454 .	1
481 .	1
724 .	1

Range of Valid Data Values: 0 to 724

Summary Statistics:

Minimum : 0

Maximum : 724

Mean : 4.538

Standard deviation : 29.868

Variable Format: numeric

Notes: Intra-traffic zonal traffic volume is purposefully ignored and considered as zero.

Variable: **Mode of transport: Car**

Value	Label	Frequency
0 .		803
1 .		250
2 .		126
3 .		86
4 .		58
5 .		62
6 .		35
7 .		46
8 .		28
9 .		30
10 .		23
11 .		24
12 .		22
13 .		19

14 .	17
15 .	23
16 .	9
17 .	16
18 .	10
19 .	14
20 .	7
21 .	12
22 .	13
23 .	10
24 .	5
25 .	13
26 .	8
27 .	9
28 .	5
29 .	10

30 .	14
31 .	9
32 .	10
33 .	6
34 .	10
35 .	5
36 .	5
37 .	6
38 .	5
39 .	5
40 .	6
41 .	3
42 .	7
43 .	11
44 .	7
45 .	3

46 .	6
47 .	2
48 .	3
49 .	4
50 .	5
51 .	2
52 .	2
53 .	6
54 .	3
55 .	2
56 .	5
57 .	7
59 .	4
60 .	4
61 .	1
62 .	5

63 .	4
64 .	9
65 .	2
66 .	1
67 .	4
68 .	4
69 .	6
70 .	6
71 .	2
72 .	3
73 .	3
74 .	2
75 .	2
76 .	6
77 .	1
78 .	2

79 .	2
80 .	4
81 .	3
82 .	3
83 .	2
84 .	2
85 .	1
86 .	2
87 .	2
88 .	1
89 .	1
90 .	5
91 .	2
92 .	2
93 .	1
94 .	2

98 .	2
99 .	2
100 .	2
101 .	1
102 .	5
103 .	2
104 .	1
106 .	4
107 .	3
109 .	2
110 .	1
111 .	1
112 .	1
113 .	1
114 .	3
115 .	1

117 .	2
118 .	2
119 .	1
121 .	1
122 .	1
123 .	3
127 .	1
128 .	1
130 .	1
131 .	1
132 .	3
133 .	2
134 .	1
135 .	4
136 .	1
137 .	1

138 .	1
139 .	1
140 .	3
141 .	1
142 .	1
143 .	1
145 .	2
146 .	2
147 .	3
148 .	1
149 .	1
151 .	4
152 .	5
153 .	1
154 .	1
156 .	1

157 .	1
158 .	1
159 .	1
162 .	1
163 .	2
166 .	1
169 .	1
170 .	1
171 .	1
175 .	1
176 .	3
177 .	1
178 .	2
180 .	1
181 .	2
183 .	1

185 . 1

187 . 2

188 . 1

190 . 2

192 . 1

196 . 1

198 . 1

199 . 1

200 . 1

202 . 1

205 . 2

206 . 1

207 . 1

209 . 1

210 . 1

211 . 1

213 .	2
214 .	1
215 .	1
219 .	2
220 .	1
221 .	1
224 .	1
230 .	1
232 .	1
235 .	1
236 .	1
238 .	1
239 .	1
244 .	1
246 .	1
249 .	2

251 .	1
258 .	1
264 .	1
268 .	1
272 .	1
274 .	1
276 .	3
282 .	1
283 .	1
286 .	1
288 .	1
292 .	1
294 .	1
295 .	1
319 .	1
321 .	1

322 .	1
323 .	2
326 .	2
327 .	1
332 .	1
336 .	1
337 .	1
344 .	1
349 .	1
352 .	1
357 .	1
358 .	1
360 .	1
368 .	1
369 .	1
373 .	1

374 .	1
380 .	1
381 .	1
383 .	1
389 .	1
392 .	1
398 .	1
402 .	1
403 .	1
406 .	1
410 .	1
412 .	1
415 .	2
416 .	1
419 .	1
423 .	1

424 .	1
430 .	1
433 .	1
436 .	1
442 .	1
455 .	1
457 .	2
459 .	1
460 .	2
465 .	1
466 .	1
472 .	2
479 .	1
490 .	1
496 .	1
497 .	1

506 . 1

509 . 1

527 . 1

530 . 1

532 . 1

539 . 1

541 . 1

548 . 1

563 . 1

570 . 2

574 . 1

581 . 1

587 . 1

589 . 1

595 . 1

601 . 2

613 .	1
614 .	1
616 .	1
617 .	1
619 .	1
628 .	1
629 .	2
631 .	2
638 .	1
660 .	1
667 .	1
687 .	2
699 .	1
703 .	1
704 .	1
710 .	1

713 .	1
721 .	2
737 .	1
747 .	1
749 .	1
772 .	1
783 .	1
785 .	1
794 .	1
799 .	1
805 .	1
806 .	1
826 .	1
860 .	2
861 .	1
874 .	1

876 .	2
879 .	1
883 .	1
896 .	1
899 .	1
905 .	1
914 .	1
933 .	1
943 .	1
954 .	1
956 .	1
974 .	1
979 .	1
1020 .	1
1021 .	1
1100 .	1

1163 .	1
1165 .	1
1185 .	1
1195 .	1
1197 .	1
1208 .	1
1211 .	1
1215 .	1
1216 .	1
1219 .	1
1228 .	1
1230 .	1
1231 .	1
1252 .	1
1259 .	1
1267 .	1

1270 .	1
1275 .	1
1324 .	1
1336 .	1
1383 .	1
1387 .	1
1513 .	1
1535 .	1
1567 .	1
1569 .	1
1575 .	1
1588 .	1
1593 .	1
1673 .	1
1675 .	1
1697 .	1

1701 . 1

1703 . 1

1707 . 1

1727 . 1

1737 . 1

1743 . 1

1749 . 1

1756 . 1

1804 . 1

1874 . 1

1891 . 1

1901 . 1

1924 . 1

1963 . 1

1965 . 1

1970 . 1

1977 .	1
2048 .	1
2078 .	1
2079 .	1
2102 .	1
2126 .	1
2222 .	1
2276 .	1
2287 .	1
2288 .	2
2354 .	1
2391 .	1
2409 .	1
2425 .	1
2428 .	1
2645 .	1

2648 .	1
2708 .	1
2741 .	1
2826 .	2
2889 .	1
2893 .	1
2995 .	1
3047 .	1
3129 .	1
3173 .	1
3192 .	1
3241 .	1
3250 .	1
3311 .	1
3315 .	1
3371 .	1

3380 .	1
3411 .	1
3416 .	1
3435 .	2
3458 .	1
3535 .	2
3568 .	1
3609 .	1
3716 .	1
3726 .	1
3828 .	1
3850 .	2
3867 .	1
3880 .	1
3881 .	1
3968 .	1

3975 .	1
4003 .	1
4213 .	1
4283 .	1
4421 .	1
4435 .	1
4458 .	1
4590 .	1
4596 .	1
4928 .	1
5038 .	1
5121 .	1
5143 .	1
5846 .	1
5920 .	1
5981 .	1

6021 .	1
6042 .	1
6117 .	1
6121 .	1
6132 .	1
6397 .	1
6447 .	1
6794 .	1
6828 .	1
7181 .	1
7182 .	1
7319 .	1
7434 .	1
8125 .	1
8150 .	1
8433 .	1

8454 . 1

8524 . 1

8914 . 1

9939 . 1

9995 . 1

10105 . 1

10121 . 1

12584 . 1

12712 . 1

13494 . 1

13521 . 1

13864 . 1

14004 . 1

16852 . 1

16871 . 1

16930 . 1

17006 . 1

22659 . 1

22702 . 1

Range of Valid Data Values: 0 to 22702

Summary Statistics:

Minimum : 0

Maximum : 22702

Mean : 320.924

Standard deviation : 1474.739

Variable Format: numeric

Notes: Intra-traffic zonal traffic volume is purposefully ignored and considered as zero.

Variable: **Observed volume (* 1000 persons/year)**

Value	Label	Frequency
0 .		134
1 .		66
2 .		64
3 .		65
4 .		50
5 .		54
6 .		55
7 .		45
8 .		57
9 .		36
10 .		36
11 .		31
12 .		35
13 .		25

14 .	27
15 .	21
16 .	28
17 .	28
18 .	31
19 .	32
20 .	20
21 .	28
22 .	15
23 .	25
24 .	17
25 .	20
26 .	11
27 .	18
28 .	10
29 .	20

30 .	16
31 .	8
32 .	18
33 .	16
34 .	12
35 .	13
36 .	18
37 .	12
38 .	12
39 .	13
40 .	13
41 .	12
42 .	13
43 .	8
44 .	13
45 .	9

46 .	14
47 .	14
48 .	4
49 .	13
50 .	11
51 .	8
52 .	7
53 .	10
54 .	10
55 .	7
56 .	7
57 .	10
58 .	6
59 .	12
60 .	9
61 .	4

62 .	5
63 .	6
64 .	8
65 .	5
66 .	7
67 .	9
68 .	2
69 .	8
70 .	9
71 .	6
72 .	11
73 .	11
74 .	4
75 .	5
76 .	8
77 .	3

78 .	4
79 .	4
80 .	4
81 .	8
82 .	5
83 .	3
84 .	6
85 .	7
86 .	1
87 .	2
88 .	3
89 .	6
90 .	2
91 .	6
92 .	3
93 .	6

94 .	5
95 .	3
96 .	1
97 .	1
99 .	6
100 .	5
101 .	4
102 .	1
103 .	2
105 .	2
106 .	4
107 .	2
108 .	3
109 .	3
110 .	4
111 .	2

112 .	6
113 .	5
114 .	5
115 .	2
116 .	5
117 .	3
118 .	6
119 .	3
120 .	2
121 .	4
122 .	3
124 .	1
125 .	3
126 .	1
127 .	2
128 .	2

129 .	3
130 .	3
131 .	4
132 .	4
133 .	5
134 .	5
135 .	7
136 .	3
137 .	3
138 .	2
139 .	6
140 .	3
142 .	1
143 .	4
144 .	3
145 .	1

146 .	4
147 .	6
148 .	2
149 .	1
150 .	5
151 .	1
152 .	1
153 .	4
154 .	1
155 .	2
156 .	1
157 .	2
158 .	2
159 .	2
160 .	4
161 .	2

162 .	6
163 .	1
164 .	1
166 .	4
167 .	3
168 .	4
169 .	3
170 .	2
171 .	3
172 .	5
174 .	3
175 .	2
177 .	2
178 .	2
179 .	2
180 .	4

181 .	3
182 .	3
183 .	5
184 .	2
185 .	2
187 .	2
188 .	1
190 .	1
191 .	1
192 .	1
193 .	1
194 .	1
195 .	1
197 .	1
199 .	3
200 .	2

201 .	2
202 .	1
203 .	2
204 .	1
205 .	2
206 .	1
207 .	1
209 .	1
210 .	2
211 .	2
212 .	3
213 .	3
214 .	4
215 .	1
216 .	1
217 .	1

218 .	2
219 .	1
220 .	1
222 .	2
223 .	2
225 .	1
227 .	2
229 .	2
231 .	2
232 .	2
233 .	2
234 .	1
235 .	4
236 .	2
237 .	1
238 .	1

239 .	3
240 .	2
242 .	1
244 .	2
245 .	3
246 .	2
247 .	3
248 .	3
249 .	1
252 .	2
255 .	1
256 .	1
257 .	2
259 .	1
260 .	2
261 .	1

262 .	1
264 .	2
265 .	1
266 .	2
267 .	1
268 .	3
269 .	3
270 .	1
272 .	1
274 .	1
275 .	1
276 .	1
278 .	3
279 .	2
283 .	2
284 .	3

286 .	2
289 .	3
293 .	1
294 .	2
295 .	3
297 .	2
298 .	1
300 .	1
302 .	1
303 .	3
304 .	1
305 .	3
308 .	3
309 .	2
310 .	1
311 .	2

312 .	1
313 .	1
315 .	3
317 .	2
319 .	1
321 .	1
322 .	1
323 .	1
329 .	2
330 .	1
337 .	2
340 .	1
342 .	1
344 .	2
345 .	1
348 .	1

349 .	1
350 .	1
356 .	1
360 .	1
366 .	1
367 .	1
369 .	1
370 .	1
376 .	2
378 .	1
379 .	1
380 .	1
381 .	1
385 .	1
388 .	1
391 .	2

396 .	1
397 .	1
398 .	2
404 .	1
405 .	1
410 .	1
413 .	1
416 .	1
417 .	1
421 .	1
424 .	1
425 .	1
427 .	1
430 .	1
433 .	3
437 .	1

438 .	1
440 .	1
441 .	1
442 .	1
447 .	2
449 .	1
450 .	2
451 .	1
453 .	1
454 .	2
458 .	1
459 .	1
466 .	1
467 .	1
469 .	1
472 .	3

473 .	2
477 .	1
482 .	1
484 .	1
486 .	1
494 .	1
495 .	1
496 .	2
498 .	2
501 .	1
502 .	1
503 .	1
505 .	1
507 .	1
509 .	1
515 .	1

517 .	1
524 .	1
526 .	1
528 .	1
531 .	1
536 .	1
537 .	1
540 .	1
541 .	2
542 .	1
543 .	2
546 .	3
547 .	1
549 .	1
553 .	2
558 .	2

560 .	1
561 .	2
567 .	1
572 .	2
577 .	1
578 .	1
580 .	1
590 .	1
594 .	1
605 .	2
608 .	1
610 .	1
611 .	1
614 .	1
621 .	1
623 .	1

624 .	1
625 .	1
626 .	1
632 .	1
635 .	1
638 .	1
644 .	1
648 .	1
650 .	1
653 .	2
654 .	1
658 .	1
659 .	2
663 .	2
664 .	1
666 .	1

670 .	1
671 .	1
672 .	1
673 .	1
674 .	1
679 .	1
681 .	1
683 .	1
685 .	1
692 .	1
693 .	1
694 .	1
697 .	1
701 .	1
702 .	1
705 .	1

706 . 1

709 . 1

713 . 1

715 . 2

719 . 1

729 . 1

730 . 1

733 . 1

747 . 1

752 . 1

756 . 1

767 . 1

768 . 1

771 . 1

773 . 2

777 . 1

792 .	1
798 .	1
800 .	2
802 .	1
805 .	1
808 .	1
813 .	1
822 .	1
823 .	1
824 .	1
825 .	1
828 .	1
840 .	1
844 .	1
861 .	1
868 .	1

872 .	1
878 .	1
880 .	1
895 .	1
898 .	1
899 .	1
902 .	1
915 .	1
916 .	1
920 .	1
925 .	1
931 .	1
990 .	1
991 .	1
992 .	1
994 .	1

999 .	1
1004 .	1
1013 .	1
1015 .	1
1024 .	1
1025 .	1
1029 .	1
1038 .	2
1053 .	1
1059 .	1
1061 .	1
1076 .	1
1079 .	1
1101 .	1
1102 .	1
1106 .	1

1121 .	1
1122 .	1
1125 .	1
1126 .	1
1134 .	1
1143 .	1
1156 .	1
1181 .	1
1192 .	1
1216 .	1
1217 .	1
1252 .	1
1260 .	1
1262 .	1
1268 .	1
1282 .	1

1290 .	1
1291 .	1
1298 .	1
1306 .	1
1333 .	1
1355 .	1
1358 .	1
1363 .	1
1367 .	1
1372 .	1
1384 .	1
1421 .	1
1426 .	1
1427 .	1
1432 .	1
1434 .	1

1454 .	1
1472 .	1
1482 .	1
1483 .	1
1486 .	2
1489 .	1
1492 .	1
1501 .	2
1530 .	1
1560 .	1
1575 .	1
1576 .	1
1580 .	1
1584 .	1
1588 .	1
1608 .	1

1624 .	1
1635 .	1
1637 .	1
1643 .	1
1647 .	1
1661 .	1
1674 .	1
1714 .	1
1727 .	2
1729 .	1
1738 .	1
1757 .	1
1758 .	1
1760 .	1
1765 .	1
1767 .	1

1861 .	1
1892 .	1
1925 .	1
1929 .	1
1965 .	1
1983 .	1
1987 .	2
1998 .	1
2031 .	1
2037 .	1
2090 .	1
2091 .	1
2181 .	1
2183 .	1
2185 .	1
2205 .	1

2247 .	1
2254 .	1
2289 .	1
2297 .	1
2314 .	1
2315 .	1
2332 .	1
2336 .	1
2380 .	1
2421 .	1
2441 .	1
2457 .	1
2472 .	1
2480 .	1
2484 .	1
2620 .	1

2675 .	1
2676 .	1
2729 .	1
2771 .	2
2774 .	1
2826 .	2
3010 .	1
3014 .	1
3027 .	1
3067 .	1
3084 .	1
3118 .	1
3122 .	1
3156 .	1
3164 .	1
3196 .	1

3316 .	1
3329 .	1
3420 .	1
3430 .	1
3443 .	1
3447 .	1
3478 .	2
3535 .	2
3732 .	1
3757 .	1
3786 .	1
3796 .	1
3876 .	1
3883 .	1
3938 .	1
3950 .	1

3952 .	1
3959 .	1
3970 .	1
3991 .	1
3993 .	1
4046 .	1
4305 .	1
4320 .	1
4579 .	1
4597 .	1
4612 .	1
4620 .	1
4663 .	1
4736 .	1
5095 .	1
5103 .	1

5119 .	1
5141 .	1
5194 .	1
5221 .	1
5313 .	1
5322 .	1
5513 .	1
5680 .	1
5711 .	1
5946 .	1
5980 .	1
6129 .	1
6143 .	1
6241 .	1
6756 .	1
6763 .	1

6934 .	1
6986 .	1
7005 .	1
7143 .	1
7145 .	1
7160 .	1
7182 .	2
8100 .	1
8163 .	1
8266 .	1
8296 .	1
8302 .	1
8602 .	1
9623 .	1
9710 .	1
10434 .	1

10490 .	1
10527 .	1
10625 .	1
11199 .	1
11222 .	1
11430 .	1
11571 .	1
12806 .	1
12812 .	1
13524 .	2
14022 .	1
14030 .	1
17225 .	1
17254 .	1
17788 .	1
17826 .	1

22869 .	1
22903 .	1

Range of Valid Data Values: 0 to 22903

Summary Statistics:

Minimum : 0

Maximum : 22903

Mean : 449.164

Standard deviation : 1610.68

Variable Format: numeric

Notes: Intra-traffic zonal traffic volume is purposefully ignored and considered as zero.