Programming Instrns. 8-3-70
Gaffney

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Reporting procedures

II. Single variables (x)

(Give simple & cum— percentages.)

Report:

1. Σx for each decile
2. Decile Σx as % of Grand Σx
3. LCR
4. Etc., as on p. 4, (II, B) ~~E~~ and p. 5 (II, E & F)

III. Pairings of additive variables, (x and y)

Rank by $(x + y)$

A. Report by deciles

1. $\Sigma(x+y)$, absolute and as % of Grand $\Sigma(x+y)$
2. Σx " " " " " " Σx
3. Σy " " " " " " Σy
4. x/y and y/x, which are short for $\Sigma x/\Sigma y$ and $\Sigma y/\Sigma x$
5. $\frac{x}{x+y}$ " is " " $\Sigma x/\Sigma(x+y)$
6. $y/x+y$ " " " " $\Sigma y/\Sigma(x+y)$

B. ~~2.~~ LCR of $(x+y)$

~~3.~~ Optional: LCR of x

LCR of y

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IV. Pairings of non-additive vbles

Rank by x

A. Report by deciles:

1. Σx, absolute and % of Grand Σx

(This repeats II, but is convenient to reprint here)

2. Σy, absolute and % of Grand Σy

3. $\Sigma x/\Sigma y$ } whether or not there is a common unit

4. $\Sigma y/\Sigma x$ }

5. If there is a common unit:

a. $\Sigma(x+y)$, absolute and % of Grand $\Sigma(x+y)$

b. $\frac{x}{x+y}$, which is short for $\frac{\Sigma x}{\Sigma(x+y)}$

for each decile.

c. $\frac{y}{x+y}$, (ditto).

B. LCR for $(x+y)$, if there is a common unit.

Optional: LCR for x

LCR for y

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(x)

V. Pairings with ranking by one variable, to compare two other variables, (y and z)

A. Report by deciles
1. Σy, abs. & % of grand Σy
2. Σz, " " " Σz
3. $\Sigma y / \Sigma z$
4. $\Sigma z / \Sigma y$
5. There are no common units, so never use $\Sigma(y+z)$

B. Optional
LCR for y
LCR for z

VI. ~~8~~ Pairings ranked by ratio of variables, $\frac{x}{y}$

A. Report by deciles
1. Σx, abs. & %
2. Σy, " " "
3. Σz_1, z_2, z_3 etc. (these are other variables specified) absolute and %.
4. $\Sigma x / \Sigma y$
5. $\Sigma y / \Sigma x$
6. If common unit: a, $\Sigma(x+y)$ abs. & %
b, $\Sigma x / \Sigma(x+y)$, $\Sigma y / \Sigma(x+y)$

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$\Sigma z_i / \Sigma(x+y)$ and $\frac{\Sigma x \text{ or } \Sigma y}{\Sigma z_i}$

7. $\Sigma z_i / \Sigma x$ and $\Sigma z_i / \Sigma y$ and in the ~~ff.~~ specified cases only.

A. ~~TVLaaV ÷~~ TVLaaV ÷ ETa

B. ~~TVLaaV ÷ ETa~~ TLa ÷ DPa

C. TVLaaV ÷ ETa

Pa ÷ DPa

EMP ÷ $NP_g a$

App. II:

C.T. Land value p.s.f.

Industrial Land

note to programmer:

for any census tract not listed:
use $1.50 as land value (column 2)
use 50.2 as assessment ratio (column 4)

~~appendix I~~

Listing of assessment Ratios pertaining to different census tracts in 1958.

Assessment Ratio	Census Tracts
66.8 49.2 32.8 3 | 148.8 49.6	
53.4 66.8 2 | 120.2 60.1	
39.5 53.4 2 | 92.9 46.5	

OVER

Industrial Land

Stefanich surveyed

1950 Census Tract	average value of ind. land per s.f. ($)	municipality the land was in in 1958	1962 - % local is of eq. value
1	$1.25	Milwaukee	53.4
2	$4		
3	$1.50		
4	$1.50		
5	$1.50		
6	$1.50		
7	$2		
8	$1.50		
9	1.50		
10	$1.75		
11	1.50		
12	1.50		
13	1.50		
14	1.50		
15	1.50		
16	$1.50		
17	$6		
18	1.50		
19	$5		
20	$3.50		
21	$3		
22	1.50		
23	1.50		
24	$1.50		
25	1.50		

Ind 2

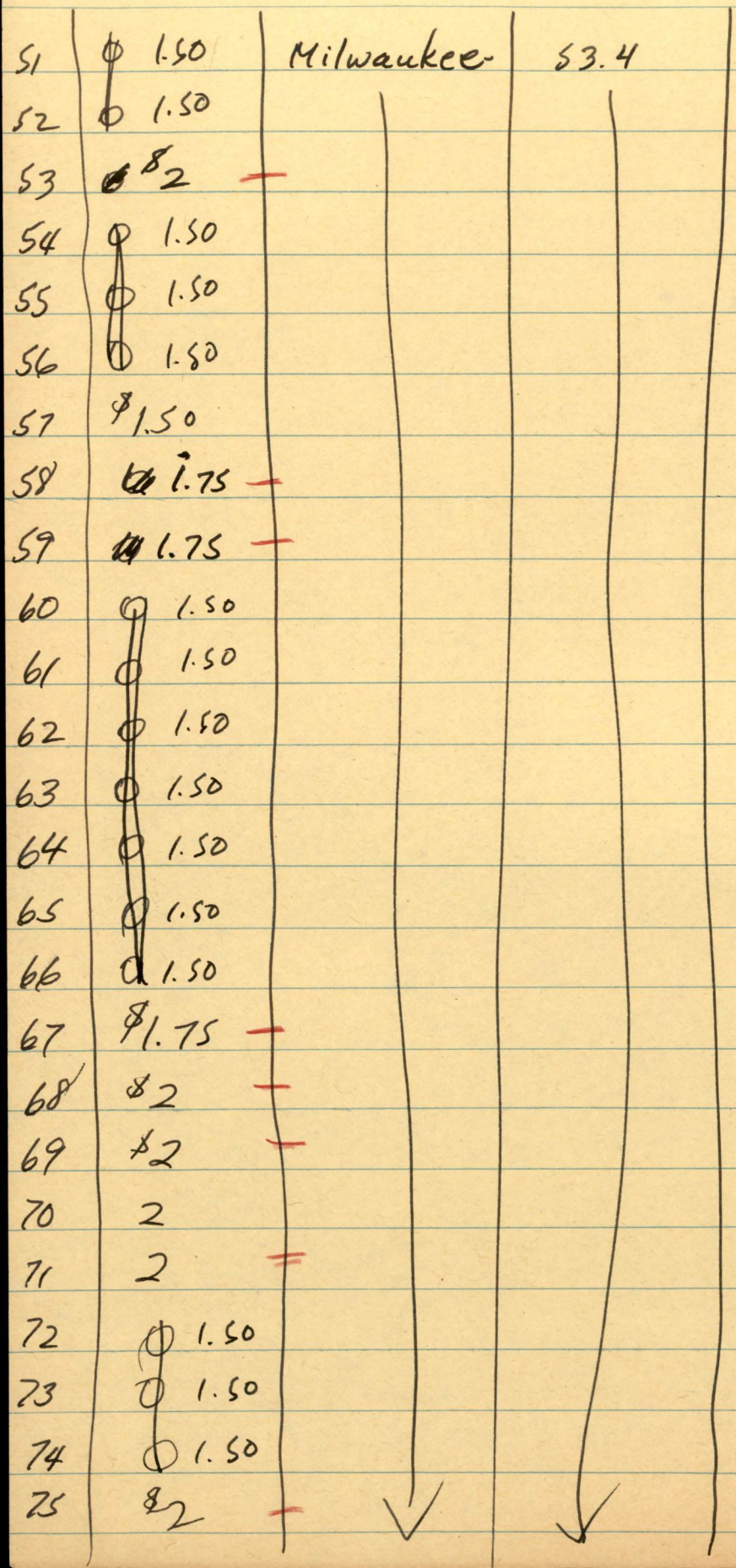
26	1.50	Milwaukee	$3.4
27	1.50		
28	1.50		
29	1.50		
30	$2		
31	$2		
32	$1.50		
33	1.50		
34	1.50		
35	1.50		
36	1.50		
37	2.50		
38	1.50		
39	1.50		
40	1.50		
41	1.50		
42	1.50		
43	$2		
44	1.50		
45	1.50		
46	1.50		
47	1.50		
48	1.50		
49	1.50		
50	1.50		

10,000 25000

~~2500 - 5,000~~

30

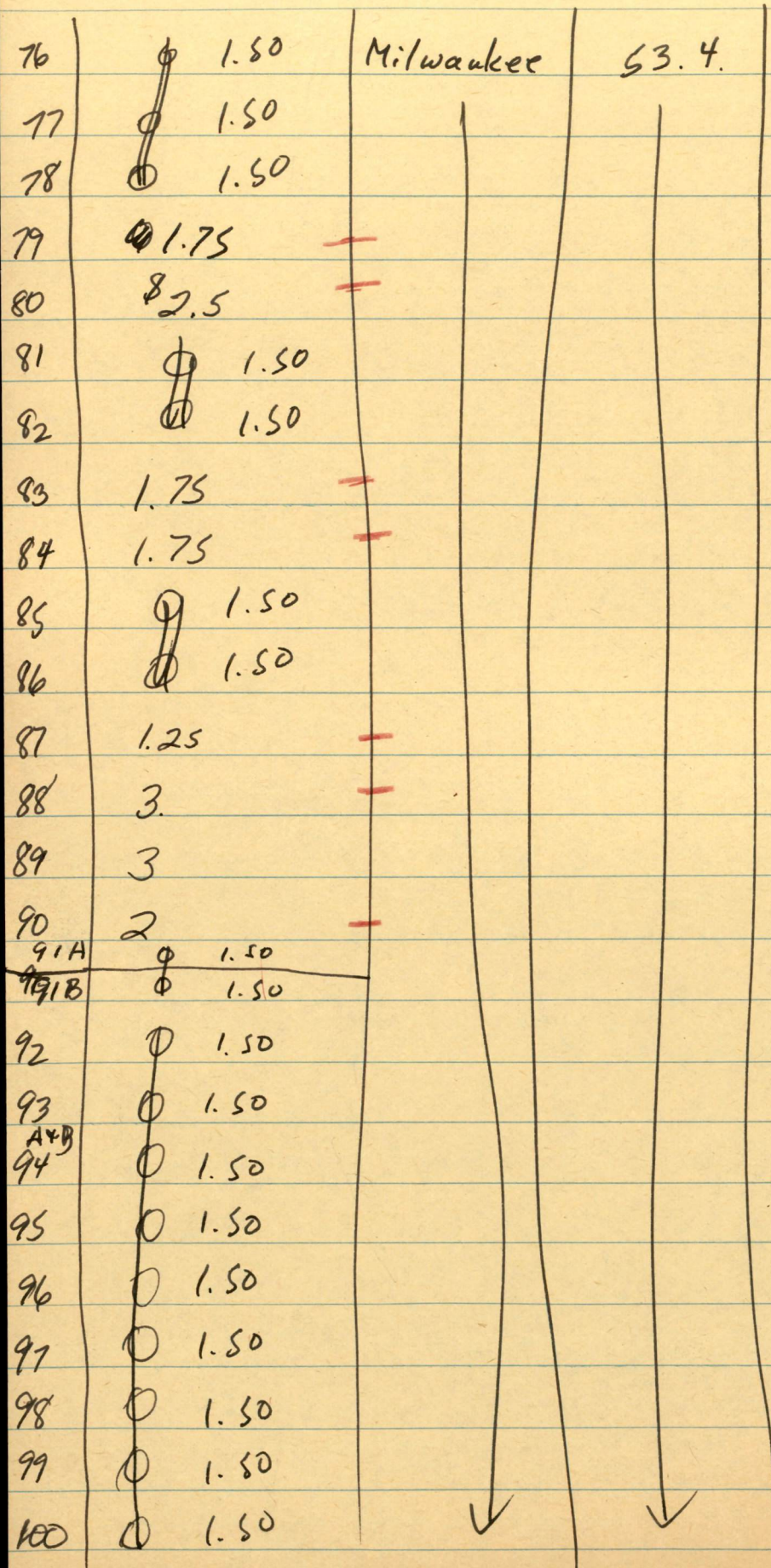
2nd 3



Milwaukee

53.4

2nd 4


76 1.50
77 1.50
78 1.50
79 1.75
80 2.5
81 1.50
82 1.50
83 1.75
84 1.75
85 1.50
86 1.50
87 1.25
88 3.
89 3
90 2
91A 1.50
91B 1.50
92 1.50
93 1.50
A+B
94 1.50
95 1.50
96 1.50
97 1.50
98 1.50
99 1.50
100 1.50
Milwaukee
53.4.

50 - 75

60

Ind 5

101	Ø 1.50	Milwaukee	53.4
102	Ø 1.50		
103	1.50		
104	1.75		
105	Ø 1.50		
106	.60		
107	.60		
108	70		
109	Ø 1.50		
110	Ø 1.50		
111	1.50		
112	82		
113	Ø 2.50		
114	Ø 2.00		
115	Ø 1.50		
116	Ø 2.25		
117	Ø 1.50		
118	Ø 1.50		
119	Ø 1.50		
120	81		
121	1		
122	Ø 1.50		
123	Ø 1.50		
124	Ø 1.50		
125	Ø 1.50		

100-125

90

~~7,500 = 10,000~~

~~10,000~~

Ind 6

126	1.75	Milwaukee	53.4
127	1.50		
128	1.25		
129	1.75		
130	1.75		
131	1.50		
132	1.50		
133	1.50		
134	1.50		
135	1.50		
136	.85		
137	1.25		
138	1.25		
139	1.25		
140	1.25		
141	1.25		
142	1.50		
143	1.25		
144	1.50		
145	1.50		
146	1.50		
147	/		
148	1.50		
149	1.50		
150	1.50		

75 - 100

~~5000 — 7499~~

80

Ind 7

151	1.25	Mil	53.4
152	1.50	Mil	53.4
153	1.50	Mil	53.4
154	1.50	FP	42.8
155	1.50	WB	36.9
156	1.50	WB	36.9
157	1.50	WB	36.9
158	1.50	SH	48.3
159	1.50	SH	48.3
160	1.50	SH	48.3
161	1.50	SH	48.3
162	1.25	Glendale	66.8
163	1.50	Gl, Bays, RH	49.6
164	1.50	RH	32.8
165	.30	BD	46.2
166	.20	Milw.	53.4
167	.40	Some Milw - 1/2 Som Glendale 1/2	60.1
168	.40	Milw	53.4
169	1.50		
170	1.50		
171	1.50		
172	1.50		
173	1.50		
174	1.50		
175	1.50		

76, 77, 78, 79, 80, 81, 82

~~000-96-01~~

011

CS1 - SC1

Ind 8

~~for any census~~

183	.85	Wauwa	33.3
186	.85	WM	60.6
188	~~.60~~ $1.25?	WA	39.5
189	$1.25	WA	39.5
193	.60	WA	39.5
194	.75	WA	39.5
195	.75	WA	39.5
196	.75	½ WA ½ Mil	46.5
206	~~.60~~ .70	Milw	53.4
208	.85	St F	50.0
210	$1	Cudahy	49.4
214	40	SM	41.7
219	.60	M.Y	53.4

97
98
99
200
201
203
203
204
206

150 - 175

~~25,000 - 50,000~~

120

Appendix II

Value of Land in Census Tracts

(Programmer: Remember to multiply by 4.356 to convert to $ (000) per $\frac{1}{10}$ acre.)

Census Tract

1

2

3

.

.

please add this if necessary

	Land Value per sq. ft. 1962	1966
20	1	
30	1	
40	III	
85	IIII	
.60	IIII	
70	II	
75	III	
$1	IIII	
1.25	~~IIII~~ ~~IIII~~ III	
1.50	~~IIII~~ ~~IIII~~	
1.75	~~IIII~~ IIII	
2	~~IIII~~ ~~IIII~~ III	
2.25	I	
2.50	III	
3	II	
3.50	I	
4	I	
5	I	

125
125
1375

20 - 1	20
30 - 1	30
40 - 3	120
85 - 4	340
60 - 4	240
70 - 2	140
75 - 3	225
100 - 4	400
125 - 13	1725
150 - 10	1500
175 - 9	1575
200 - 13	2600
225 - 1	225
300 - 2	600
350 - 1	350
400 - 1	400
500 - 1	500
73	10990

$1.50 is average

73 | 10990

73
3649
365

125
13

175
9
1575

125
13
475
125
1725

App. I:

Tax Jurisdiction	Ass. Ratio	C.I.s.
~~Tax Books~~		
1-18		

1950 Census tracts listed by present municipalities
(in many cases, approximate boundaries were used, but this would be more accurate than averaging)

Municipality	1962 assessment ratio	census tracts, 1950
Milwaukee	53.4	1-153, 166-173, 200-201, 206-207, 218-222
Fox Point	42.8	154
Whitefish Bay	36.9	155-157
Shorewood	48.3	158-161
Glendale	66.8	162
River Hills	32.8	164
Brown Deer	46.2	165
Wauwatosa	33.3	174-176, 179-185
West Allis	39.5	177, 187-198
West Milw	60.6	186, 196 ?
Greenfield	46.8	199, 202
Hales Corners	50.1	203
Greendale	65.6	204
St Francis	50.0	208
Cudahy	49.4	209-211
South Milw	41.7	212-215
Oak Creek	43.8	216
Franklin	53.6	217

Census tracts that overlapped municipal boundaries seriously

		RATIO -
163	GI, FP, RH, BS	46.2
178	½ Milwaukee ½ WA	46.5
205	⅔ Milw ⅓ Cudahy	52.1

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