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Michael Eskey

University of Nebraska at Omaha

Vincent J. Webb

University of Nebraska at Omaha

Peter Young

University of Nebraska at Omaha

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**THE APPLICATION OF A SCREENING MATRIX
FOR INDUSTRIAL DEVELOPMENT
TO OMAHA, NEBRASKA**

**A report prepared for the Market Strategy Committee
of the Economic Development Council**

**By
Michael Eskey
Vincent Webb
Peter Young**

October, 1981

The following is a summary of alternative attempts made to identify manufacturing industries which have the greatest potential for industrial development in the Omaha area. The methods utilized were similar to that used in the first report submitted to the Market Strategy Committee of the Economic Development Committee.¹ Some major revisions were made on the previous report to produce comparative matrices utilizing additional criterion variables and differing levels of weighted importance placed on selected criterion variables.

Data sources used in the development of the screening matrices are found in Appendix A. Each of the 107 manufacturing industries were then ranked by different schemes according to their potential for location in the region. Potential was determined by the analysis of the criterion variables utilized as they related to each of the separate industries. The following categories represent the criteria by which each industry was scored and ranked:

Growth Projections	Transportation Requirements
Labor and Capital	External Linkages
Wage Levels	Existing Industries
Markets Served	Transportation Modes Utilized
Natural Gas Requirements	Water Requirements
Electrical Requirements	Percentage Increase in Establishments ²

¹Webb, V., et al. The Application of a Screening Matrix for Industrial Development to Omaha, Nebraska. University of Nebraska at Omaha, October, 1981.

²In the earlier effort (Webb et.al.) 9 criteria were used to rank the industries. The present effort uses 12 criteria. The three additional criteria are Transportation Modes Utilized, Water Requirements, Percentage Increase in Establishments.

A description of the above criterion variables are presented in Appendix B.

The first scheme of rank-ordering used in assessing the potential of industries for locating in this region was a rank-ordering of each industry by each of the separate criterion variables in an ascending order, from one to 107. The lower numbers represent the more favorable ranking. Each of the separate rankings was then added to produce an overall ranking. Theoretically, the lowest possible score is twelve, denoting an industry that ranked first in each of the twelve criterion variables. Table 1 presents a summary.

Printing, machinery industries (electrical and non-electrical), and metal-working industries had some of the lowest rank-ordered scores. Half of the top 20 industries were in this grouping (see Table 1). Conversely, food processing, apparel, and miscellaneous manufacturing industries made up more than half of the industries with the highest rank-ordered scores.

The rank-ordering in Table 1 assumes that each of the criterion variables is of equal importance in industrial location decision. However, to identify those industries that have the greatest potential for location in this region, the assumption should be made that differences occur in the value that should be placed on each of the criterion variables. That is, some variables are more important to some industries than others. Decisions on the weight assigned to an industry for each variable were determined by the

relative place in which they were rank-ordered. For example, those in the upper quartile were normally rated "high", those in the middle two quartiles were rated as "medium", and those in the lower quartile were rated as "low."

Each of the weighting schemes utilized placed differing levels of importance (and subsequent different weighted scores) on certain selected criterion variables.

1. The first weighting scheme placed a stronger emphasis on projected growth, existing industries, growth in the number of establishments in the last ten years, and wage levels.
2. The second weighting scheme also emphasized growth in the number of establishments. In addition, more importance was placed on external linkages, transportation output requirements, and the geographic location of markets served.
3. The third weighting scheme placed primary emphasis on the increase (or decrease) in the number of establishments in the last ten years. The other criterion variables were weighted somewhat more evenly, although slightly more emphasis was placed on projected growth, wage levels, energy requirements, and external linkages.

Table 2 presents the computed weighted scores, rank-ordering of the weighted scores of the industry, and the mean weighted score of each of the industries for each of the separate weighting schemes. It is of interest to note that very few changes in the rank-order of the industries resulted with the addition of more criterion variables.

The first weighting scheme retained the same rank-ordering with twelve criterion variables that it had when nine variables were used. In the second weighting scheme the restructured 'weights' dropped miscellaneous petroleum and coal product industries, and rubber-related industries from the second weighting scheme. The additional emphasis on growth in the number of establishments and more uniform emphasis on the rest of the criterion variables dropped the balance of the rubber-related industries from the top twenty and added special industrial machinery, and bicycle and motorcycle parts industries in their place.

The tables (3, 4, 5) which report the separate weighted scores given to each industry for each criterion variable are found in Appendix C.

TABLE 1
RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections	Markets Served	Wage Levels		Labor Intensive vs. Capital Intensive	Transportation Output Requirements	Electrical Energy Output Requirements	Natural Gas Energy Output Requirements	External Linkages	Existing Industries
			Hours Per Week	Wages Per Week						
201 Meat Products	96	71	72.5	60	25	12	92	35	1	10
202 Dairy Products	105	106	12	50	29	12	92	35	103.5	18
204 Grain Mill Products	100	19.5	4	25	20	12	92	35	2	3
205 Bakery Products	106	84	81	55	32	12	92	35	103.5	50.5
206 Sugar & Confectionary Products	102	68	65.5	69	46	12	92	35	103.5	34
208 Beverages	91	97	31	22	5	12	92	35	103.5	58.5
209 Misc. Food Preparations & Kindred Products	99	93	93.5	88	36	12	92	35	103.5	29.5
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats	15	18	103	97	102	66.5	67.5	70.5	59	104
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments	15	30	99	104	66	66.5	67.5	70.5	59	54.5
233 Women's, Misses, & Juniors Outerwear	15	39	107	105	68	66.5	67.5	70.5	59	79
234 Women's, Misses, & Children's & Infants' Undergarments	15	30	103	107	98	66.5	67.5	70.5	59	97
235 Hats, Caps, & Millinery	15	33	105	102	106	66.5	67.5	70.5	59	88
236 Girls', Children's, & Infants' Outerwear	15	30	103	106	105	66.5	67.5	70.5	59	102
238 Misc. Apparel & Accessories	15	22	101	103	100.5	66.5	67.5	70.5	59	79
239 Misc. Fabricated Textile Products	32	40	93.5	95	64	66.5	67.5	70.5	59	19
243 Millwork, Veneer, Plywood, & Structured Wood Members	9	79	84	72	33	98.5	80.5	85.5	59	16
244 Wood Containers	55	90	96	99	83.5	98.5	80.5	85.5	59	28
245 Wood Buildings & Mobile Homes	40	72.5	99	89	75	89.5	80.5	85.5	59	23

TABLE 1
RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized	Water Output Requirements	Percent Growth in Number of Establishments	Total Ranked Scores
201 Meat Products	31.5	74.5	12.5	593
202 Dairy Products	31.5	74.5	93.5	762
204 Grain Mill Products	31.5	74.5	53	471.5
205 Bakery Products	31.5	74.5	10.5	767.5
206 Sugar & Confectionary Products	31.5	74.5	53	786
208 Beverages	31.5	74.5	96	749
209 Misc. Food Preparations & Kindred Products	31.5	74.5	103	890.5
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats	63	14.5	53	833
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments	63	14.5	53	762.5
233 Women's, Misses, & Juniors Outerwear	63	14.5	53	729.5
234 Women's, Misses, & Children's & Infants Undergarments	63	14.5	53	844
235 Hats, Caps, & Millinery	63	14.5	53	843
236 Girls', Children's, & Infants' Outerwear	63	14.5	53	855
238 Misc. Apparel & Accessories	63	14.5	53	814.5
239 Misc. Fabricated Textile Products	93.5	74.5	7	782
243 Millwork, Veneer, Plywood, & Structured Wood Members	63	74.5	53	807
244 Wood Containers	63	74.5	53	967.5
245 Wood Buildings & Mobile Homes	93.5	74.5	53	939

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections	Markets Served	Wage Levels		Labor Intensive vs. Capital Intensive	Transportation Output Requirements	Electrical Energy Output Requirements	Natural Gas Energy Output Requirements	External Linkages	Existing Industries
			Hours Per Week	Wages Per Week						
249 Misc. Wood Products	11	49	56.5	91	55	98.5	80.5	86.5	59	38.5
251 Household Fixtures	24	105	92	96	47	105	105	105	59	31
252 Office Furniture	44	46	70.5	83	76	105	105	105	59	69
253 Public Buildings & Related Furniture	44	32	72.5	84	97	105	105	105	59	64.5
254 Partitions, Shelving, Lockers, & Office & Store Fixtures	31	47	81	67	79	105	105	105	59	47
259 Misc. Furniture & Fixtures	44	8	86	81	96	105	105	105	59	72
264 Converted Paper & Paperboard Products, Except Containers & Boxes	47	88	39.5	54	21	101.5	101.5	101.5	103.5	35
265 Paperboard Containers & Boxes	69	98	23	49	27	101.5	101.5	101.5	103.5	52.5
271 Newspapers	71	54	106	66	19	34	29	55	29	4
272 Periodicals: Publishing, Publishing & Printing	77.5	54	97	63	77	34	29	55	29	40
273 Books	93	54	87	65	54	34	29	55	29	24
274 Misc. Publishing	77.5	54	99	80	87	34	29	55	29	43.5
275 Commercial Printing	62	54	88.5	38	10	34	29	55	29	1
276 Manifold Business Forms	53	54	39.5	40	69	34	29	55	29	57
277 Greeting Card Publishing	70	54	95	59	103	34	29	55	29	86.5
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work	79	54	74.5	86	85	34	29	55	29	22
279 Service Industries for the Printing Trade	59	54	90.5	14	74	34	29	55	29	21
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass	6	37	17	20.5	2	19.5	36.5	41.5	91	97
283 Drugs	10	69	17	20.5	15	19.5	36.5	41.5	88	38.5

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized	Water Output Requirements	Percent Growth in Number of Establishments	Total Ranked Scores
249 Misc. Wood Products	63	74.5	53	815
251 Household Fixtures	93.5	74.5	93.5	1,030.5
252 Office Furniture	93.5	74.5	53	983.5
253 Public Buildings & Related Furniture	93.5	74.5	53	989.5
254 Partitions, Shelving, Lockers, & Office & Store Fixtures	93.5	74.5	105	999
259 Misc. Furniture & Fixtures	93.5	74.5	53	982
264 Converted Paper & Paperboard Products, Except Containers & Boxes	10	5	100	807.5
265 Paperboard Containers & Boxes	63	74.5	53	917
271 Newspapers	10	20.5	100	568.5
272 Periodicals: Publishing, Publishing & Printing	10	20.5	53	639
273 Books	10	20.5	53	607.5
274 Misc. Publishing	10	20.5	53	659.5
275 Commercial Printing	31.5	28	12.5	472.5
276 Manifold Business Forms	31.5	28	53	572
277 Greeting Card Publishing	3.15	28	53	727
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work	3.15	28	53	660
279 Service Industries for the Printing Trade	31.5	28	100	619
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass	93.5	74.5	53	589
283 Drugs	93.5	74.5	53	576.5

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections	Markets Served	Wage Levels		Labor Intensive vs. Capital Intensive	Transportation Output Requirements	Electrical Energy Output Requirements	Natural Gas Output Requirements	External Linkages	Existing Industrie
			Hours Per Week	Wages Per Week						
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations	37	65	17	34	28	19.5	36.5	41.5	88	26
285 Paints, Varnishes, Lacquers, Enamels & Allied Products	82	85	17	41	59	19.5	36.5	41.5	88	60
287 Agricultural Chemicals	89	82.5	17	17	11	19.5	36.5	41.5	88	7
289 Misc. Chemical Products	52	86	17	32	45	19.5	36.5	41.5	88	42.5
295 Paving & Roofing Materials	87.5	102	2.5	23.5	65	55.5	62.5	94.5	29	56
299 Misc. Products of Petroleum & Coal	87.5	74	2.5	23.5	82	55.5	62.3	94.5	29	79
301 Tires & Inner Tubes	66	34	46	6	43	59.5	51.5	47.5	29	92
302 Rubber & Plastics Footwear	83.5	36	10	100	104	59.5	51.5	47.5	29	106
303 Reclaimed Rubber	83.5	41.5	17	46.8	107	59.5	51.5	47.5	29	106
304 Rubber & Plastic Hose & Belting	48	41.5	17	46.5	83.5	59.5	51.6	47.5	29	97
306 Fabricated Rubber Products, Not Elsewhere Classified	63	43	61	73	61	59.5	51.5	47.5	29	64.5
307 Misc. Plastics Products	3	59	50.5	78	3	59.5	51.5	47.5	29	9
311 Leather Tanning & Finishing	107	80	63.5	74.5	67	16	10	10	29	88
322 Glass & Glassware, Pressed or Blown	81	101	42	29	31	26	58	63	29	103
323 Glass Products, Made of Purchased Glass	86	70	58.5	68	73	26	58	63	29	74
324 Cement, Hydraulic	72	107	6	1	41	26	58	63	29	88
325 Structural Clay Products	98	103	53.5	76	72	26	58	63	29	69
326 Pottery & Related Products	103	24	74.5	77	92	26	58	63	29	69
327 Concrete, Gypsum, & Plaster Products	74	91	42	37	9	26	58	63	29	2
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products	90	82.5	27	35	26	26	58	63	29	61

TABLE 1 — Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized	Water Output Requirements	Percent Growth in Number of Establishments	Total Ranked Scores
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations	31.5	41	100	565
285 Paints, Varnishes, Lacquers, Enamels & Allied Products	31.5	3	53	617
287 Agricultural Chemicals	63	74.5	105	656.5
289 Misc. Chemical Products	10	1	53	524
295 Paving & Roofing Materials	10	3	53	644
299 Misc. Products of Petroleum & Coal	10	3	53	656
301 Tires & Inner Tubes	10	8	53	545.5
302 Rubber & Plastics Footwear	10	8	53	698
303 Reclaimed Rubber	10	8	53	660
304 Rubber & Plastic Hose & Belting	10	8	53	592
306 Fabricated Rubber Products, Not Elsewhere Classified	10	8	53	624
307 Misc. Plastics Products	63	74.5	5	532.5
311 Leather Tanning & Finishing	31.5	35.5	53	670
322 Glass & Glassware, Pressed or Blown	63	35.5	53	777.5
323 Glass Products, Made of Purchased Glass	63	35.5	53	757
324 Cement, Hydraulic	93.5	74.5	53	712
325 Structural Clay Products	93.5	74.5	53	868.5
326 Pottery & Related Products	10	35.5	53	714
327 Concrete, Gypsum, & Plaster Products	93.5	74.5	10.5	609.5
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products	10	74.5	53	635

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections	Markets Served	Wage Levels		Labor Intensive vs. Capital Intensive	Transportation Output Requirements	Electrical Energy Output Requirements	Natural Gas Energy Output Requirements	External Linkages	Existing Industries
			Hours Per Week	Wages Per Week						
332 Iron & Steel Foundries	33	96	50.5	26	12	94	98	98	9.5	54.5
334 Secondary Smelting & Refining of Nonferrous Metals	54	15	8	2	70	94	98	98	9.5	92
335 Rolling, Drawing & Excluding of Nonferrous Metals	49	63	9	11	22	94	98	98	9.5	74
336 Nonferrous Foundries	85	99	53.5	44	53	94	98	98	9.5	32
339 Misc. Primary Metal Products	61	95	34	15	80	94	98	98	9.5	97
341 Metal Cans & Shipping Containers	94	100	1	3	51	81	44	79	9.5	84.5
342 Cutlery, Hand Tools, & General Hardware	65	21	68	57	44	81	44	79	9.5	25
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures	80	13	68	64	81	81	44	79	9.5	41
344 Fabricated Structural Metal Products	28	92	46	43	16	81	44	79	9.5	5
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers	95	87	34	52	52	81	44	79	9.5	48
346 Metal Forgings & Stampings	75	67	42	19	14	81	44	79	9.5	27
347 Coating, Engraving, & Allied Services	67	72.5	37	47.5	48	81	44	79	9.5	43.5
348 Ordinance & Accessories Except Vehicles & Guided Missiles	68	81	27	36	78	81	44	79	9.5	86.5
349 Misc. Fabricated Metal Products	50	104	46	51	23	81	44	79	9.5	8
351 Engines & Turbines	101	14	61	8	34	43	5	5	80.5	76
352 Farm & Garden Machinery & Equipment	57	42	34	10	38	43	5	5	85	6
353 Construction, Mining, & Materials Handling Machinery & Equipment	27	17	37	16	7	43	5	5	80.5	12.5
354 Metalworking Machinery & Equipment	22	94	5	18	24	43	5	5	80.5	14

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized	Water Output Requirements	Percent Growth in Number of Establishments	Total Ranked Scores
332 Iron & Steel Foundries	63	74.5	3	712
334 Secondary Smelting & Refining of Nonferrous Metals	63	74.5	53	731
335 Rolling, Drawing & Extruding of Nonferrous Metals	63	74.5	53	718
336 Nonferrous Foundries	93.5	74.5	53	887
339 Misc. Primary Metal Products	63	74.5	53	872
341 Metal Cans & Shipping Containers	93.5	74.5	53	768
342 Cutlery, Hand Tools, & General Hardware	31.5	74.5	53	652.5
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures	93.5	74.5	53	781.5
344 Fabricated Structural Metal Products	93.5	74.5	97	708.5
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers	63	74.5	3	722
346 Metal Forgings & Stampings	63	74.5	53	648
347 Coating, Engraving, & Allied Services	31.5	74.5	53	715
348 Ordinance & Accessories Except Vehicles & Guided Missiles	93.5	74.5	53	811
349 Misc. Fabricated Metal Products	31.5	74.5	3	604.5
351 Engines & Turbines	45	74.5	53	600
352 Farm & Garden Machinery & Equipment	93.5	74.5	95	588
353 Construction, Mining, & Materials Handling Machinery & Equipment	63	74.5	53	440.5
354 Metalworking Machinery & Equipment	63	74.5	53	501

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections	Markets Served	Wage Levels		Labor Intensive vs. Capital Intensive	Transportation Output Requirements	Electrical Energy Output Requirements	Natural Gas Energy Output Requirements	External Linkages	Existing Industries
			Hours Per Week	Wages Per Week						
355 Special Industrial Machinery, Except Metalworking Machinery	64	45	22	33	39	43	5	5	80.5	20
356 General Industrial Machinery & Equipment	21	64	31	27	17	43	5	5	80.5	12.5
357 Office Computing & Accounting Machines	23	5	17	56	4	43	5	5	80.5	74
358 Refrigeration & Service Industry Machinery	41	25	56.5	45	37	43	5	5	80.5	36
359 Misc. Machinery, Except Electrical	35	61	31	30	18	43	5	5	80.5	11
361 Electrical Transmission & Distribution Equipment	19	23	58.5	58	63	4.5	14.5	27.5	95.5	67
362 Electrical Industrial Apparatus	38	26	46	48	35	4.5	14.5	27.5	95.5	49
363 Household Appliances	42	12	76	61	49	4.5	14.5	27.5	95.5	69
364 Electrical Lighting & Wiring Equipment	29	38	63.5	70	50	4.5	14.5	27.5	95.5	58.5
365 Radio & Television Receiving Equipment, Except Communication Types	8	11	78	71	58	4.5	14.5	27.5	95.5	79
366 Communication Equipment	20	3	37	28	8	4.5	14.5	27.5	95.5	62.5
367 Electrical Components & Accessories	1	44	61	79	6	4.5	14.5	27.5	95.5	43.5
369 Misc. Electrical Machinery Equipment & Supplies	30	75	53.5	31	30	4.5	14.5	27.5	95.5	66
371 Motor Vehicles & Motor Vehicle Equipment	36	62	53.5	5	1	73.5	21.5	20.5	59	15
372 Aircraft & Parts	58	1	7	4	13	73.5	21.5	20.5	59	92
374 Railroad Equipment	104	78	70.5	7	71	73.5	21.5	20.5	59	84.5
375 Motorcycles, Bicycles & Parts	7	16	49	12	100.5	73.5	21.5	20.5	59	92

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized	Water Output Requirements	Percent Growth in Number of Establishments	Total Ranked Scores
355 Special Industrial Machinery, Except Metalworking Machinery	93.5	74.5	53	577.5
356 General Industrial Machinery & Equipment	63	74.5	53	496.5
357 Office Computing, & Accounting Machines	93.5	74.5	53	533.5
358 Refrigeration & Service Industry Machinery	63	74.5	53	564.5
359 Misc. Machinery, Except Electrical	10	25	7	361.5
361 Electrical Transmission & Distribution Equipment	63	74.5	53	622
362 Electrical Industrial Apparatus	63	74.5	53	574.5
363 Household Appliances	93.5	74.5	53	672
364 Electrical Lighting & Wiring Equipment	10	24	53	538
365 Radio & Television Receiving Equipment, Except Communication Types	93.5	74.5	53	668
366 Communication Equipment	93.5	74.5	53	511.5
367 Electrical Components & Accessories	45	74.5	105	601
369 Misc. Electrical Machinery Equipment & Supplies	10	18	7	462.5
371 Motor Vehicles & Motor Vehicle Equipment	10	23	9	389
372 Aircraft & Parts	63	74.5	53	540
374 Railroad Equipment	63	74.5	53	780
375 Motorcycles, Bicycles & Parts	63	74.5	53	641.5

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections	Markets Served	Wage Levels		Labor Intensive vs. Capital Intensive	Transportation Output Requirements	Electrical Energy Output Requirements	Natural Gas Energy Output Requirements	External Linkages	Existing Industries
			Hours Per Week	Wages Per Week						
378 Guided Missiles & Space Vehicles & Parts	51	35	27	9	60	73.5	21.5	20.5	59	106
379 Misc. Transportation Equipment	2	66	81	62	90	73.5	21.5	20.5	103.5	33
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment	46	19.5	11	42	88	51	75	14	59	63
382 Measuring & Controlling Instruments	39	9	24	53	42	51	75	14	59	37
383 Optical Instruments & Lenses	25.5	76	27	39	86	51	75	14	59	100
384 Surgical, Medical, & Dental Instruments & Supplies	4	10	68	85	56	51	75	14	59	50.5
385 Ophthalmic Goods	25.5	28	65.5	93	94	51	75	14	59	79
386 Photographic Equipment & Supplies	5	6	27	13	40	51	75	14	59	97
387 Watches, Clocks, Clockwork Operated Devices, & Parts	34	89	84	94	93	51	75	14	59	101
391 Jewelry, Silverware & Plated Ware	97	2	88.5	90	95	88.5	85.5	90.5	59	82.5
393 Musical Instruments	75	4	78	92	99	88.5	85.5	90.5	59	92
394 Toys & Amusement, Sporting & Athletic Goods	60	7	84	98	62	88.5	85.5	90.5	59	29.5
395 Pens & Pencils, & Other Office & Artists Materials	56	77	46	87	89	88.5	85.5	90.5	59	62
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals	92	60	95.0	101	91	88.5	85.5	90.5	59	82.5
399 Misc. Manufacturing Industries	73	27	78	82	57	88.5	85.5	90.5	59	17

TABLE 1 - Continued

RANK-ORDERED RAW SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized	Water Output Requirements	Percent Growth in Number of Establishments	Total Ranked Scores
376 Guided Missiles & Space Vehicles & Parts	93.5	74.5	53	683.5
379 Misc. Transportation Equipment	93.5	74.5	107	828
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment	63	74.5	53	659
382 Measuring & Controlling Instruments	63	74.5	53	668.5
383 Optical Instruments & Lenses	93.5	74.5	53	773.5
384 Surgical, Medical, & Dental Instruments & Supplies	93.5	74.5	53	695.5
385 Ophthalmic Goods	93.5	74.5	53	805
386 Photographic Equipment & Supplies	45	74.5	1	507.5
387 Watches, Clocks, Clockwork Operated Devices, & Parts	63	74.5	53	884.5
391 Jewelry, Silverware & Plated Ware	31.5	35.5	53	898.5
393 Musical Instruments	31.5	35.5	53	883.5
394 Toys & Amusement, Sporting & Athletic Goods	31.5	35.5	53	784
395 Pens & Pencils, & Other Office & Artists Materials	31.5	35.5	53	825
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals	31.5	35.5	53	960.5
399 Misc. Manufacturing Industries	31.5	35.5	100	824.5

TABLE 2

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Weighted Scores		Weighted Scores		Weighted Scores			
201 Meat Products	27	72	35.5	70	32.5	70	34	71
202 Dairy Products	103.5	47	103	48	104.5	46	104	47
204 Grain Mill Products	66.5	62	62	63	64	63	64	63
205 Bakery Products	86.5	56	99.5	49	98.5	51	95	52
206 Sugar & Confectionary Products	88	55	91	53	91	53	90	54
208 Beverages	100.5	49	105	44	104.5	46	105	46
209 Misc. Food Preparations & Kindred Products	106.5	38	107	37	107	38	107	38
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats	64	63	41.5	69	38.5	69	50.5	67
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments	35	70	28	73	27.5	72	28.5	72
233 Women's, Misses, & Juniors Outerwear	35	70	28	73	27.5	72	28.5	72
234 Women's, Misses, & Children's & Infants Undergarments	59.5	64	35.5	70	38.5	69	45	68
235 Hats, Caps, & Millinery	59.5	64	35.5	70	38.5	69	45	68
236 Girls', Children's, & Infants' Outerwear	59.5	64	35.5	70	38.5	69	45	68
238 Misc. Apparel & Accessories	46	67	35.5	70	38.5	69	39	69
239 Misc. Fabricated Textile Products	46	67	62	63	59	64	56	65
243 Millwork, Veneer, Plywood, & Structured Wood Members	40	69	41.5	69	27.5	72	36.5	70
244 Wood Containers	103.5	47	103	48	100.5	49	102.5	48

TABLE 2

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Weighted Scores		Weighted Scores		Weighted Scores			
245 Wood Buildings & Mobile Homes	69.5	61	72	60	64	63	71	61
249 Misc. Wood Products	75	60	62	63	59	64	66.5	62
251 Household Fixtures	106.5	38	106	38	106	40	106	39
252 Office Furniture	97	50	95	52	94.5	52	97	51
253 Public Buildings & Related Furniture	97	50	95	52	94.5	52	97	51
254 Partitions, Shelving, Lockers, & Office & Store Fixtures	100.5	49	99.5	49	100.5	49	100	49
259 Misc. Furniture & Fixtures	94.5	52	82.5	58	94.5	52	90	54
264 Converted Paper & Paperboard Products, Except Containers & Boxes	83.5	57	72	60	75	60	79.5	59
265 Paperboard Containers & Boxes	90	54	91	53	88	55	90	54
271 Newspapers	14.5	77	16	78	13	77	15	77
272 Periodicals: Publishing, Publishing & Printing	14.5	77	13.5	79	18	75	15	77
273 Books	8.5	87	9	81	11.5	78	8.5	80
274 Misc. Publishing	14.5	77	21	75	18	75	17.5	76
275 Commercial Printing	2	93	2	88	3.5	89	2	90
276 Manifold Business Forms	22.5	74	24.5	74	27.5	72	23.5	73
277 Greeting Card Publishing	50	66	32	71	38.5	69	39	69
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work	24.5	73	24.5	74	21.5	84	21	74
279 Service Industries for the Printing Trade	12	78	9	81	15	76	13	78

TABLE 2 - Continued

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Scheme 1 Weighted Scores	Weighted Scores of Scheme 1	Scheme 2 Weighted Scores	Weighted Scores of Scheme 2	Scheme 3 Weighted Scores	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass	59.5	64	62	63	53	66	60	64
283 Drugs	35	70	53	66	38.5	69	45	68
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations	59.5	64	72	60	64	63	66.5	62
285 Paints, Varnishes, Lacquers, Enamels & Allied Products	75	60	77.5	59	75	60	76	60
287 Agricultural Chemicals	80.5	58	99.5	49	90	54	90	54
289 Misc. Chemical Products	54	65	56.5	65	53	66	56	65
295 Paving & Roofing Materials	54	65	46	68	70	61	56	65
299 Misc. Products of Petroleum & Coal	30	71	18	76	48.5	67	34	71
301 Tires & Inner Tubes	18	76	3	86	21.5	74	11	79
302 Rubber & Plastics Footwear	35	70	13.5	79	53	66	28.5	72
303 Reclaimed Rubber	35	70	13.5	79	53	66	28.5	72
304 Rubber & Plastic Hose & Belting	35	70	13.5	79	53	66	28.5	72
306 Fabricated Rubber Products, Not Elsewhere Classified	18	76	7	82	38.5	69	17.5	76
307 Misc. Plastics Products	11	80	11	80	10	79	8.5	80
311 Leather Tanning & Finishing	69.5	61	53	66	53	66	60	64
322 Glass & Glassware, Pressed or Blown	86.5	59	82.5	58	82.5	58	83	58
323 Glass Products, Made of Purchased Glass	54	65	58	64	80.5	59	64	63

TABLE 2 - Continued

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Weighted Scores		Weighted Scores		Weighted Scores			
324 Cement, Hydraulic	92.5	53	91	53	94.5	52	93.5	53
325 Structural Clay Products	94.5	52	99.5	49	102.5	47	100	49
326 Pottery & Related Products	54	65	53	66	80.5	59	64	63
327 Concrete, Gypsum, & Plaster Products	46	67	68.5	61	59	64	60	64
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products	76	60	72	60	86	56	69.5	59
332 Iron & Steel Foundries	46	67	49	67	48.5	67	50.5	67
334 Secondary Smelting & Refining of Nonferrous Metals	59.5	64	28	73	45.5	68	45	68
335 Rolling, Drawing & Extruding of Nonferrous Metals	27	72	18	76	21.5	74	21	74
336 Nonferrous Foundries	86.5	57	77.5	59	75	60	79.5	59
339 Misc. Primary Metal Products	80.5	58	62	63	68.5	62	71	61
341 Metal Cans & Shipping Containers	75	60	66.5	62	75	60	71	61
342 Cutlery, Hand Tools, & General Hardware	50	66	41.5	69	45.5	68	45	68
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures	64	63	53	66	64	63	60	64
344 Fabricated Structural Metal Products	75	60	72	60	68.5	62	71	61
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers	35	70	46	68	57	65	45	68
346 Metal Forgings & Stampings	8.5	81	5.5	83	7	82	6	82
347 Coating, Engraving, & Allied Services	50	66	30.5	72	38.5	69	39	69

TABLE 2 -- Continued

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Weighted Scores		Weighted Scores		Weighted Scores			
348 Ordinance & Accessories Except Vehicles & Guided Missiles	90	54	82.5	58	84.5	57	85	56
349 Misc. Fabricated Metal Products	18	76	24.5	74	18	75	19	75
351 Engines & Turbines	20.5	75	41.5	69	30.5	71	28.5	72
352 Farm & Garden Machinery & Equipment	8.5	81	24.5	74	8.5	81	11	79
353 Construction, Mining, & Materials Handling Machinery & Equipment	8.5	81	21	75	8.5	81	11	79
354 Metalworking Machinery & Equipment	6	83	21	75	5	84	7	81
355 Special Industrial Machinery, Except Metalworking Machinery	20.5	75	41.5	69	15	76	23.5	73
356 General Industrial Machinery & Equipment	4	89	5.5	83	2	90	4	87
357 Office Computing, & Accounting Machines	24.5	73	46	68	21.5	74	28.5	72
358 Refrigeration & Service Industry Machinery	30	71	49	67	30.5	71	36.5	70
359 Misc. Machinery, Except Electrical	3	92	4	85	3.5	89	3	89
361 Electrical Transmission & Distribution Equipment	66.5	62	77.5	59	64	63	71	61
362 Electrical Industrial Apparatus	75	60	86	56	75	60	79.5	59
363 Household Appliances	86.5	56	95	52	84.5	57	86.5	55
364 Electrical Lighting & Wiring Equipment	40	69	49	67	38.5	69	45	68

TABLE 2 - Continued

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Weighted Scores		Weighted Scores		Weighted Scores			
365 Radio & Television Receiving Equipment, Except Communication Types	79	59	88	55	75	60	83	58
366 Communication Equipment	46	67	66.5	62	45.5	68	53	66
367 Electrical Components & Accessories	69.5	61	82.5	58	64	63	71	61
369 Misc. Electrical Machinery Equipment & Supplies	5	84	9	81	6	83	5	83
371 Motor Vehicles & Motor Vehicle Equipment	1	98	1	90	.1	94	1	94
372 Aircraft & Parts	30	71	41.5	69	24.5	73	34	71
374 Railroad Equipment	27	72	35.5	70	24.5	73	28.5	72
375 Motorcycles, Bicycles & Parts	22.5	74	30.5	72	15	76	21	74
376 Guided Missiles & Space Vehicles & Parts	40	69	53	66	32.5	70	45	68
379 Misc. Transportation Equipment	42.5	68	62	63	45.5	68	53	66
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment	54	65	62	63	64	63	60	64
382 Measuring & Controlling Instruments	42.5	68	56.5	65	53	66	53	66
383 Optical Instruments & Lenses	75	60	77.5	59	75	60	76	60
384 Surgical, Medical, & Dental Instruments & Supplies	64	63	68.5	61	75	60	71	61
385 Ophthalmic Goods	69.5	61	77.5	59	75	60	76	60

TABLE 2 - Continued

A COMPARISON OF RANK-ORDERED WEIGHTED SCORES AND MEAN WEIGHTED SCORES OF CANDIDATE INDUSTRIES
BY STANDARD INDUSTRIAL CODES

Rank-Order of Industries	Rank-Order of Scheme 1	Weighted Scores of Scheme 1	Rank-Order of Scheme 2	Weighted Scores of Scheme 2	Rank-Order of Scheme 3	Weighted Scores of Scheme 3	Rank-Order of Mean of Weighted Scores	Mean Weighted Scores of Schemes 1, 2, and 3
SIC Code Industry Title	Weighted Scores		Weighted Scores		Weighted Scores			
386 Photographic Equipment & Supplies	14.5	77	18	76	11.5	78	15	77
387 Watches, Clocks, Clockwork Operated Devices, & Parts	99	49	103	48	98.5	51	100	49
391 Jewelry, Silverware & Plated Ware	105	46	97	50	102.5	47	102.5	48
393 Musical Instruments	102	48	91	53	94.5	52	97	51
394 Toys & Amusement, Sporting & Athletic Goods	90	54	86	56	88	55	86.5	55
395 Pens & Pencils, & Other Office & Artists Materials	86.5	57	77.5	59	82.5	58	83	58
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals	97	50	86	56	88	55	90	54
399 Misc. Manufacturing Industries	92.5	53	91	53	94.5	52	93.5	53

APPENDIX A

APPENDIX A

Department of Economics, University of Nebraska-Lincoln.

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APPENDIX B

APPENDIX B

Growth Projections

In order to arrive at a projected growth score for each of the 107 industries, data were utilized from three different sources:

1. The source for the average annual percentage change of industry shipments, 1980-85 was the 1981 U.S. Industrial Outlook (U.S. Department of Commerce, 1981). The percentage of change (positive or negative) was gathered for each three digit Standard Industry Code (SIC) industry.* Where data were not available the average percentage of all other industries in the same two digit category was used. If that were not possible, the average of all 107 industries was used.

2. The data giving the 1980 and 1990 employment were drawn from the article, "Industry Output and Employment: BLS Projections to 1990" by Personick. The data were presented in terms of projected growth or decline. Employment figures for 1980 were subtracted from 1990 figures, and a percentage of change was created. The procedure for missing data used for the growth projections was again employed.

* The Standard Industrial Classification code (SIC) is a system used to classify businesses and industries to facilitate the collection, tabulation, presentation, and analysis of data. In order to do this, industries are first divided into major groups according to their primary activities. The primary activity is determined by the principal product or group of products produced or distributed, or by services rendered. A two-digit code is assigned to the listings in these general groupings which are then further broken down into more specific groups by use of a three-digit code. A further specialization can be made by use of a four-digit code.

Appendix B

3. From Mooney and Tschetter (1976) were drawn the statistics on percentage of average annual change of output for each industry. Data for the output variable were available for each industry. The scores were standardized and added together to create a single growth variable for each industry.

Labor and Capital Intensity

Labor intensity versus capital intensity was measured by determining the value of machinery and equipment of each industry per production employee as measured in millions of dollars of new capital expenditures.

Wage Levels

The wage variable was determined from U.S. Department of Labor data by drawing the average earnings per week for 1980 and then the average hours per week worked. Earnings per week was then divided by the hours per week to create an hourly salary variable. The hourly salary approach more clearly demonstrated differences among industries. Again, the averaging procedure for unavailable data was employed.

Markets Served

A series of tables from Weiss was used to identify the mean distance shipped by each manufacturing industry. Individual scores were recorded in mean miles shipped. The same averaging procedures were used for unavailable data.

Natural Gas Energy Output Requirements

Direct requirements for gas utilities per dollar of output for 1980 were determined from U.S. Department of Labor

Appendix B

data. Data revealing total gas utility costs per dollar of output were available for all 107 industries.

Electrical Energy Requirements

Direct requirements for electric utilities per dollar of output for 1970 were determined from U.S. Department of Labor data. The total electric utility costs per dollar of output were available for all 107 industries.

External Linkages

Final demand multipliers for the Nebraska economy for 1976 were determined from unpublished input-output tables from the Department of Economics at the University of Nebraska-Lincoln. Scores, reflecting a final balance sum of input-output, were recorded in thousands of dollars for each of the 107 manufacturing industries in Nebraska.

Existing Industries

The number of existing plants in Iowa and Nebraska was totaled for each state, and then the figures were combined to create a single new variable. Data were available for all 107 industries from the Nebraska Department of Economic Development and the Iowa Development Commission.

Transportation Modes Utilized

U.S. Department of Labor data was utilized to determine the different types of transportation utilized by the separate industries as part of their direct requirement per dollar of output. The modes of transportation of interest were air, water, railroad, and truck-transport. Data were available for all 107 industries.

Appendix B

Water Output Requirements

Direct requirements for water usage per dollar of output for estimated 1970 usage were determined from U.S. Department of Labor data. The total water utility costs per dollar of output were available for all 107 industries.

Percent Growth in Number of Establishments

The growth (or decline) of manufacturing-industry establishments with twenty or more employees were computed by comparing the 1970 and 1979 data available in County Business Patterns. Data was not available for all 107 industries since some of the various industries were not found in Douglas county in one or both of the reporting periods. The weighted scores reflect a higher score for those reporting a higher increase in establishments and a lower score for those reporting declines in the number of establishments.

APPENDIX C

TABLE 3

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H	M	L ^a	C	L ^{b/}	H	M	L ^a	R	N	L ^c	H	M	L ^a	H	M	L ^a	L	M	H ^d	H	M	L ^a	M	A	F ^e
Assigned Weights	12	7	5	7	5	12	6	1	7	4	1	10	5	2	10	7	2	7	5	1	7	4	1	12	8	2
201 Meat Products			x	x		x			x			x				x			x		x			x		
202 Dairy Products			x	x		x					x	x				x			x			x		x		
204 Grain Mill Products			x	x		x				x		x				x			x		x			x		
205 Bakery Products			x	x		x					x	x				x			x			x			x	
206 Sugar & Confectionary Products			x	x		x			x			x				x			x			x			x	
208 Beverages			x	x		x					x	x				x			x			x			x	
209 Misc. Food Preparations & Kindred Products			x	x				x			x	x				x			x			x			x	
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats	x			x		x				x		x				x			x			x				x
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments	x				x	x			x			x				x			x			x				x
233 Women's, Misses, & Juniors Outerwear	x				x	x			x			x				x			x			x				x
234 Women's, Misses, & Children's & Infants Undergarments	x				x	x			x			x				x			x			x				x
235 Hats, caps, & Millinery	x				x	x			x			x				x			x			x				x
236 Girls', Children's, & Infants' Outerwear	x				x	x			x			x				x			x			x				x
238 Misc. Apparel & Accessories	x				x	x				x		x				x			x			x				x
239 Misc. Fabricated Textile Products		x			x	x			x			x				x			x			x		x		
243 Millwork, Veneer, Plywood, & Structured Wood Members	x				x	x				x			x			x		x				x		x		
244 Wood Containers		x			x	x					x		x			x		x				x			x	

TABLE 3

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 7	M 5	L 1	H 15	M 8	L 2	
Assigned Weights										
201 Meat Products		x				x	x			72
202 Dairy Products		x				x			x	47
204 Grain Mill Products		x				x		x		62
205 Bakery Products		x				x	x			56
206 Sugar & Confectionary Products		x				x		x		55
208 Beverages		x				x			x	49
209 Misc. Food Preparations & Kindred Products		x				x			x	38
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats		x		x				x		63
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments		x		x				x		70
233 Women's, Misses, & Juniors Outerwear		x		x				x		70
234 Women's, Misses, & Children's & Infants Undergarments		x		x				x		64
235 Hats, Caps, & Millinery		x		x				x		64
236 Girls', Children's, & Infants' Outerwear		x		x				x		64
238 Misc. Apparel & Accessories		x		x				x		67
239 Misc. Fabricated Textile Products			x			x	x			67
243 Millwork, Veneer, Plywood, & Structured Wood Members		x				x		x		69
244 Wood Containers		x				x		x		47

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H 12	M 7	L 5	C 7	L 5	H 12	M 6	L 1	R 7	N 4	L 1	H 10	M 5	L 2	H 10	M 7	L 2	L 7	M 5	H 1	H 7	M 4	L 1	M 12	A 8	F 2
Assigned Weights																										
245 Wood Buildings & Mobile Homes		x		x		x			x				x			x		x				x		x		
249 Misc. Wood Products	x			x				x	x				x			x		x				x			x	
251 Household Fixtures		x			x			x			x		x			x		x				x			x	
252 Office Furniture		x			x			x	x				x			x		x				x			x	
253 Public Buildings & Related Furniture		x			x			x	x				x			x		x				x			x	
254 Partitions, Shelving, Lockers, & Office & Store Fixtures		x			x			x			x		x			x		x				x			x	
259 Misc. Furniture & Fixtures		x			x			x		x			x			x		x				x			x	
264 Converted Paper & Paperboard Products, Except Containers & Boxes		x			x			x			x		x			x		x				x			x	
265 Paperboard Containers & Boxes		x			x			x			x		x			x		x				x			x	
271 Newspapers		x			x			x		x			x		x				x			x			x	
272 Periodicals: Publishing, Publishing & Printing		x			x			x		x			x		x				x			x			x	
273 Books			x		x			x		x			x		x				x			x			x	
274 Misc. Publishing		x			x			x		x			x		x				x			x			x	
275 Commercial Printing		x			x			x		x			x		x				x			x			x	
276 Manifold Business Forms		x			x			x		x			x		x				x			x			x	
277 Greeting Card Publishing		x			x			x		x			x		x				x			x				x
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work		x			x			x		x			x		x				x			x			x	
279 Service Industries for the Printing Trade		x			x			x		x			x		x				x			x			x	

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 7	M 5	L 1	H 15	M 8	L 2	
Assigned Weights										
245 Wood Buildings & Mobile Homes			x			x		x		61
249 Misc. Wood Products		x				x		x		60
251 Household Fixtures			x			x			x	38
252 Office Furniture			x			x		x		50
253 Public Buildings & Related Furniture			x			x		x		50
254 Partitions, Shelving, Lockers, & Office & Store Fixtures			x			x			x	49
259 Misc. Furniture & Fixtures			x			x		x		52
264 Converted Paper & Paperboard Products, Except Containers & Boxes	x			x					x	57
265 Paperboard Containers & Boxes		x				x		x		54
271 Newspapers	x					x			x	77
272 Periodicals: Publishing, Publishing & Printing	x					x		x		77
273 Books	x					x		x		81
274 Misc. Publishing	x					x		x		77
275 Commercial Printing		x				x	x			93
276 Manifold Business Forms		x				x		x		74
277 Greeting Card Publishing		x				x		x		66
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work		x				x		x		73
279 Service Industries for the Printing Trade		x				x			x	78

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TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 12	M 7	L 5	C 7	L 5	H 12	M 6	L 1	R 7	N 4	L 1	H 10	M 5	L 2	H 10	M 7	L 2	L 7	M 5	H 1	H 7	M 4	L 1	M 12	A 8	F 2
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass	x			x		x			x			x			x					x						x
283 Drugs	x			x		x			x			x			x					x						x
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations		x		x		x			x			x			x					x			x			x
285 Paints, Varnishes, Lacquers, Enamels & Allied Products		x			x		x			x		x			x					x			x			x
287 Agricultural Chemicals			x	x		x				x		x			x					x			x			x
289 Misc. Chemical Products		x		x		x				x		x			x					x			x			x
295 Paving & Roofing Materials			x		x		x			x			x		x					x			x			x
299 Misc. Products of Petroleum & Coal			x		x		x			x			x		x					x			x			x
301 Tires & Inner Tubes		x		x		x				x		x			x					x			x			x
302 Rubber & Plastics Footwear		x			x		x			x		x			x					x			x			x
303 Reclaimed Rubber		x			x		x			x		x			x					x			x			x
304 Rubber & Plastic Hose & Belting		x			x		x			x		x			x					x			x			x
306 Fabricated Rubber Products, Not Elsewhere Classified		x			x		x			x		x			x					x			x			x
307 Misc. Plastics Products	x			x			x			x		x			x					x			x			x
311 Leather Tanning & Finishing			x		x					x		x			x					x			x			x
322 Glass & Glassware, Pressed or Blown		x			x		x			x		x			x					x			x			x
323 Glass Products, Made of Purchased Glass			x		x		x			x		x			x					x			x			x

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TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 7	M 5	L 1	H 15	M 8	L 2	
Assigned Weights										
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass			x			x		x		64
283 Drugs			x			x		x		70
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations		x			x				x	64
285 Paints, Varnishes, Lacquers, Enamels & Allied Products		x		x				x		60
287 Agricultural Chemicals		x				x			x	58
289 Misc. Chemical Products	x			x				x		65
295 Paving & Roofing Materials	x			x				x		65
299 Misc. Products of Petroleum & Coal	x			x				x		71
301 Tires & Inner Tubes	x			x				x		76
302 Rubber & Plastics Footwear	x			x				x		70
303 Reclaimed Rubber	x			x				x		70
304 Rubber & Plastic Hose & Belting	x			x				x		70
306 Fabricated Rubber Products, Not Elsewhere Classified	x			x				x		76
307 Misc. Plastics Products		x				x	x			80
311 Leather Tanning & Finishing		x			x			x		61
322 Glass & Glassware, Pressed or Blown		x			x			x		57
323 Glass Products, Made of Purchased Glass		x			x			x		65

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H	M	L	C	L	H	M	L	R	N	L	H	M	L	H	M	L	L	M	H	H	M	L	M	A	F
Assigned Weights	12	7	5	7	5	12	6	1	7	4	1	10	5	2	10	7	2	7	5	1	7	4	1	12	8	2
324 Cement, Hydraulic			x	x		x					x			x			x			x			x			x
325 Structural Clay Products			x		x	x					x			x			x			x			x			x
326 Pottery & Related Products			x		x	x					x			x			x			x			x			x
327 Concrete, Gypsum, & Plaster Products		x		x		x					x			x			x			x			x			x
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products			x	x		x					x			x			x			x			x			x
332 Iron & Steel Foundries		x		x		x					x			x			x	x					x			x
334 Secondary Smelting & Refining of Nonferrous Metals		x			x	x					x			x			x	x					x			x
335 Rolling, Drawing & Extruding of Nonferrous Metals		x		x		x			x					x			x	x					x			x
336 Nonferrous Foundries		x		x		x					x			x			x	x					x			x
339 Misc. Primary Metal Products		x			x	x					x			x			x	x					x			x
341 Metal Cans & Shipping Containers			x	x		x					x			x			x	x					x			x
342 Cutlery, Hand Tools, & General Hardware		x		x		x					x			x			x	x					x			x
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures		x			x	x					x			x			x	x					x			x
344 Fabricated Structural Metal Products		x		x		x					x			x			x	x					x			x
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers			x	x		x					x			x			x	x					x			x
346 Metal Forgings & Stampings		x		x		x					x			x			x	x					x			x
347 Coating, Engraving, & Allied Services		x		x				x			x			x			x	x					x			x

TABLE 3 – Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
SIC Code Industry Title	H 7	M 4	L 1	H 7	M 5	L 1	H 15	M 8	L 2	
Assigned Weights										
324 Cement, Hydraulic			x			x		x		53
325 Structural Clay Products			x			x		x		52
326 Pottery & Related Products	x				x			x		65
327 Concrete, Gypsum, & Plaster Products			x			x	x			67
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products	x					x		x		60
332 Iron & Steel Foundries		x				x	x			67
334 Secondary Smelting & Refining of Nonferrous Metals	x					x		x		64
335 Rolling, Drawing & Extruding of Nonferrous Metals		x				x		x		72
336 Nonferrous Foundries			x			x		x		57
339 Misc. Primary Metal Products		x				x		x		58
341 Metal Cans & Shipping Containers			x			x		x		60
342 Cutlery, Hand Tools, & General Hardware		x				x			x	66
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures			x			x		x		63
344 Fabricated Structural Metal Products			x			x			x	60
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers.		x				x	x			70
346 Metal Forgings & Stampings		x				x		x		81
347 Coating, Engraving, & Allied Services		x				x		x		66

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 12	M 7	L 5	C 7	L 5	H 12	M 6	L 1	R 7	N 4	L 1	H 10	M 5	L 2	H 10	M 7	L 2	L 7	M 5	H 1	H 7	M 4	L 1	M 12	A 8	F 2
348 Ordinance & Accessories Except Vehicles & Guided Missiles		x			x					x			x		x			x			x					x
349 Misc. Fabricated Metal Products		x			x					x			x		x			x			x				x	
351 Engines & Turbines			x		x					x			x		x				x				x			x
352 Farm & Garden Machinery & Equipment		x			x					x			x		x				x				x			x
353 Construction, Mining, & Materials Handling Machinery & Equipment		x			x					x			x		x				x				x			x
354 Metalworking Machinery & Equipment	x				x					x			x		x				x				x			x
355 Special Industrial Machinery, Except Metalworking Machinery		x			x					x			x		x				x				x			x
356 General Industrial Machinery & Equipment	x				x					x			x		x				x				x			x
357 Office Computing, & Accounting Machines	x				x					x			x		x				x				x			x
358 Refrigeration & Service Industry Machinery		x			x					x			x		x				x				x			x
359 Misc. Machinery, Except Electrical		x			x					x			x		x				x				x			x
361 Electrical Transmission & Distribution Equipment	x				x					x			x			x			x				x			x
362 Electrical Industrial Apparatus		x			x					x			x			x			x				x			x
363 Household Appliances		x			x					x			x			x			x				x			x
364 Electrical Lighting & Wiring Equipment		x			x					x			x			x			x				x			x

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 7	M 5	L 1	H 15	M 8	L 2	
Assigned Weights										
348 Ordinance & Accessories Except Vehicles & Guided Missiles			x			x		x		54
349 Misc. Fabricated Metal Products		x				x	x			76
351 Engines & Turbines		x				x		x		75
352 Farm & Garden Machinery & Equipment			x			x		x		81
353 Construction, Mining, & Materials Handling Machinery & Equipment		x				x		x		81
354 Metalworking Machinery & Equipment		x				x		x		83
355 Special Industrial Machinery, Except Metalworking Machinery			x			x		x		75
356 General Industrial Machinery & Equipment		x				x		x		89
357 Office Computing, & Accounting Machines			x			x		x		73
358 Refrigeration & Service Industry Machinery		x				x		x		71
359 Misc. Machinery, Except Electrical	x				x		x			92
361 Electrical Transmission & Distribution Equipment		x				x		x		62
362 Electrical Industrial Apparatus		x				x		x		60
363 Household Appliances			x			x		x		56
364 Electrical Lighting & Wiring Equipment	x				x			x		69

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H	M	L	C	L	H	M	L	R	N	L	H	M	L	H	M	L	L	M	H	H	M	L	M	A	F
Assigned Weights	12	7	5	7	5	12	6	1	7	4	1	10	5	2	10	7	2	7	5	1	7	4	1	12	8	2
365 Radio & Television Receiving Equipment, Except Communication Types	x				x		x			x			x				x			x			x			x
366 Communication Equipment	x				x		x			x			x				x			x			x			x
367 Electrical Components & Accessories	x				x		x			x			x				x			x			x			x
369 Misc. Electrical Machinery Equipment & Supplies		x			x		x			x			x				x			x			x			x
371 Motor Vehicles & Motor Vehicle Equipment		x			x		x			x			x			x				x			x		x	
372 Aircraft & Parts		x			x		x			x			x				x			x			x			x
374 Railroad Equipment		x			x		x			x			x				x			x			x			x
375 Motorcycles, Bicycles & Parts	x				x		x			x			x				x			x			x			x
376 Guided Missiles & Space Vehicles & Parts		x			x		x			x			x				x			x			x			x
379 Misc. Transportation Equipment	x				x		x			x			x				x			x			x			x
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment		x			x		x			x			x				x			x			x			x
382 Measuring & Controlling Instruments		x			x		x			x			x				x			x			x			x
383 Optical Instruments & Lenses		x			x		x			x			x				x			x			x			x
384 Surgical, Medical, & Dental Instruments & Supplies	x				x		x			x			x				x			x			x			x
385 Ophthalmic Goods		x			x		x			x			x				x			x			x			x

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 7	M 5	L 1	H 15	M 8	L 2	
Assigned Weights	7	4	1	7	5	1	15	8	2	
365 Radio & Television Receiving Equipment, Except Communication Types			x			x		x		59
366 Communication Equipment			x			x		x		67
367 Electrical Components & Accessories		x				x			x	61
369 Misc. Electrical Machinery Equipment & Supplies	x			x			x			84
371 Motor Vehicles & Motor Vehicle Equipment	x				x		x			98
372 Aircraft & Parts		x				x		x		71
374 Railroad Equipment		x				x		x		72
375 Motorcycles, Bicycles & Parts		x				x		x		74
376 Guided Missiles & Space Vehicles & Parts			x			x		x		69
379 Misc. Transportation Equipment		x			x				x	68
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment		x				x		x		65
382 Measuring & Controlling Instruments		x				x		x		68
383 Optical Instruments & Lenses			x			x		x		60
384 Surgical, Medical, & Dental Instruments & Supplies			x			x		x		63
385 Ophthalmic Goods		x				x		x		61

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Intensive vs. Capital Intensive		Wage Levels			Markets Served			Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H 12	M 7	L 5	C 7	L 5	H 12	M 6	L 1	R 7	N 4	L 1	H 10	M 5	L 2	H 10	M 7	L 2	L 7	M 5	H 1	H 7	M 4	L 1	M 12	A 8	F 2
Assigned Weights																										
386 Photographic Equipment & Supplies	x			x		x			x			x			x			x				x				x
387 Watches, Clocks, Clockwork Operated Devices, & Parts		x			x					x		x			x			x				x				x
391 Jewelry, Silverware & Plated Ware			x		x				x				x		x			x				x				x
393 Musical Instruments		x			x				x				x		x			x				x				x
394 Toys & Amusement, Sporting & Athletic Goods		x			x				x				x		x			x				x				x
395 Pens & Pencils, & Other Office & Artists Materials		x			x				x				x		x			x				x				x
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals		x			x				x				x		x			x				x				x
399 Misc. Manufacturing Industries			x		x				x				x		x			x				x		x		

- a/ High, Medium, Low
- b/ Capital, Labor
- c/ Regional, National, Local
- d/ Low, Medium, High
- e/ Many, Average, Few

TABLE 3 - Continued

SCHEME NUMBER ONE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
SIC Code Industry Title	H	M	L	H	M	L	H	M	L	
Assigned Weights	7	4	1	7	5	1	15	8	2	
386 Photographic Equipment & Supplies		x				x	x			77
387 Watches, Clocks, Clockwork Operated Devices, & Parts			x			x		x		49
391 Jewelry, Silverware & Plated Ware		x			x			x		46
393 Musical Instruments		x			x			x		48
394 Toys & Amusement, Sporting & Athletic Goods		x			x			x		54
395 Pens & Pencils, & Other Office & Artists Materials		x			x			x		57
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals		x			x			x		50
399 Misc. Manufacturing Industries		x			x				x	53

TABLE 4

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H	M	L ^{a/}	C	L ^{b/}	H	M	L ^{a/}	R	N	L ^{c/}	H	M	L ^{a/}	H	M	L ^{a/}	L	M	H ^{d/}	H	M	L ^{a/}	M	A	F ^{a/}
Assigned Weights	10	5	2	7	5	10	5	2	10	7	2	7	4	1	7	5	1	10	7	2	12	8	2	8	5	2
201 Meat Products			x	x		x			x			x					x			x	x			x		
202 Dairy Products			x	x		x					x	x					x			x			x	x		
204 Grain Mill Products			x	x		x					x	x					x			x	x			x		
205 Bakery Products			x	x		x					x	x					x			x			x	x		
206 Sugar & Confectionary Products			x	x		x			x			x					x			x			x	x		
208 Beverages			x	x		x					x	x					x			x			x	x		
209 Misc. Food Preparations & Kindred Products			x	x				x			x	x					x			x			x	x		
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats	x			x		x					x	x					x			x			x			x
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments	x				x	x			x			x					x			x			x	x		
233 Women's, Misses, & Juniors Outerwear	x				x	x		x	x			x					x			x			x	x		
234 Women's, Misses, & Children's & Infants Undergarments	x				x	x		x	x			x					x			x			x	x		
235 Hats, caps, & Millinery	x				x	x		x	x			x					x			x			x	x		
236 Girls', Children's, & Infants' Outerwear	x				x	x		x	x			x					x			x			x	x		
238 Misc. Apparel & Accessories	x				x	x					x	x					x			x			x	x		
239 Misc. Fabricated Textile Products		x			x	x		x	x			x					x			x			x	x		
243 Millwork, Veneer, Plywood, & Structured Wood Members	x				x	x			x			x					x			x			x	x		
244 Wood Containers		x			x	x					x	x					x			x			x	x		

TABLE 4

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
201 Meat Products		x				x	x			70
202 Dairy Products		x				x			x	48
204 Grain Mill Products		x				x		x		63
205 Bakery Products		x				x	x			49
206 Sugar & Confectionary Products		x				x		x		53
208 Beverages		x				x			x	44
209 Misc. Food Preparations & Kindred Products		x				x			x	37
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats		x		x				x		69
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments		x		x				x		73
233 Women's, Misses, & Juniors Outerwear		x		x				x		73
234 Women's, Misses, & Children's & Infants Undergarments		x		x				x		70
235 Hats, Caps, & Millinery		x		x				x		70
236 Girls', Children's, & Infants' Outerwear		x		x				x		70
238 Misc. Apparel & Accessories		x		x				x		70
239 Misc. Fabricated Textile Products			x			x	x			63
243 Millwork, Veneer, Plywood, & Structured Wood Members		x				x		x		69
244 Wood Containers		x				x		x		48

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 10	M 5	L 2	C 7	L 5	H 10	M 5	L 2	R 10	N 7	L 2	H 7	M 4	L 1	H 7	M 5	L 1	L 10	M 7	H 2	H 12	M 8	L 2	M 8	A 5	F 2
245 Wood Buildings & Mobile Homes		x		x			x		x				x		x			x				x		x		
249 Misc. Wood Products	x			x				x	x				x		x			x				x			x	
251 Household Fixtures		x			x		x			x			x		x			x				x			x	
252 Office Furniture		x			x		x		x				x		x			x				x			x	
253 Public Buildings & Related Furniture		x			x		x		x				x		x			x				x			x	
254 Partitions, Shelving, Lockers, & Office & Store Fixtures		x			x		x		x				x		x			x				x			x	
259 Misc. Furniture & Fixtures		x			x		x			x			x		x			x				x			x	
264 Converted Paper & Paperboard Products, Except Containers & Boxes		x			x		x			x			x		x			x				x			x	
265 Paperboard Containers & Boxes		x			x		x			x			x		x			x				x			x	
271 Newspapers		x			x		x		x				x		x				x			x			x	
272 Periodicals: Publishing, Publishing & Printing		x			x		x		x				x		x				x			x			x	
273 Books			x		x		x		x				x		x				x			x			x	
274 Misc. Publishing		x			x		x		x				x		x				x			x			x	
275 Commercial Printing		x			x		x		x				x		x				x			x			x	
276 Manifold Business Forms		x			x		x		x				x		x				x			x			x	
277 Greeting Card Publishing		x			x		x		x				x		x				x			x				x
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work		x			x			x	x				x		x				x			x			x	
279 Service Industries for the Printing Trade		x			x		x		x				x		x				x			x			x	

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TABLE 4 – Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
245 Wood Buildings & Mobile Homes			x			x		x		60
249 Misc. Wood Products		x				x		x		63
251 Household Fixtures			x			x			x	38
252 Office Furniture			x			x		x		52
253 Public Buildings & Related Furniture			x			x		x		52
254 Partitions, Shelving, Lockers, & Office & Store Fixtures			x			x			x	49
259 Misc. Furniture & Fixtures			x			x		x		58
264 Converted Paper & Paperboard Products, Except Containers & Boxes	x			x					x	60
265 Paperboard Containers & Boxes		x				x		x		53
271 Newspapers	x				x				x	78
272 Periodicals: Publishing, Publishing & Printing	x				x			x		79
273 Books	x				x			x		81
274 Misc. Publishing	x				x			x		75
275 Commercial Printing		x			x		x			88
276 Manifold Business Forms		x			x			x		74
277 Greeting Card Publishing		x			x			x		71
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work		x			x			x		74
279 Service Industries for the Printing Trade		x			x				x	81

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 10	M 5	L 2	C 7	L 5	H 10	M 5	L 2	R 10	N 7	L 2	H 7	M 4	L 1	H 7	M 5	L 1	L 10	M 7	H 2	H 12	M 8	L 2	M 8	A 5	F 2
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass	x			x		x			x				x		x				x			x				x
283 Drugs	x			x		x			x				x		x				x			x				x
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations		x		x			x		x				x		x				x			x			x	
285 Paints, Varnishes, Lacquers, Enamels & Allied Products		x			x		x			x			x		x				x			x				x
287 Agricultural Chemicals			x	x		x				x			x		x				x			x			x	
289 Misc. Chemical Products		x		x		x				x			x		x				x			x				x
295 Paving & Roofing Materials			x		x		x			x			x		x				x			x				x
299 Misc. Products of Petroleum & Coal			x		x		x			x			x		x				x			x				x
301 Tires & Inner Tubes		x		x		x				x			x		x				x			x				x
302 Rubber & Plastics Footwear		x			x		x			x			x		x				x			x				x
303 Reclaimed Rubber		x			x		x			x			x		x				x			x				x
304 Rubber & Plastic Hose & Belting		x			x		x			x			x		x				x			x				x
306 Fabricated Rubber Products, Not Elsewhere Classified		x			x		x			x			x		x				x			x				x
307 Misc. Plastics Products	x			x			x			x			x		x				x			x				x
311 Leather Tanning & Finishing			x		x					x			x		x				x			x				x
322 Glass & Glassware, Pressed or Blown		x			x		x			x			x		x				x			x				x
323 Glass Products, Made of Purchased Glass			x		x		x			x			x		x				x			x				x

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass			x			x		x		63
283 Drugs			x			x		x		66
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations		x			x				x	60
285 Paints, Varnishes, Lacquers, Enamels & Allied Products		x		x				x		59
287 Agricultural Chemicals		x				x			x	49
289 Misc. Chemical Products	x			x				x		65
295 Paving & Roofing Materials	x			x				x		68
299 Misc. Products of Petroleum & Coal	x			x				x		76
301 Tires & Inner Tubes	x			x				x		86
302 Rubber & Plastics Footwear	x			x				x		79
303 Reclaimed Rubber	x			x				x		79
304 Rubber & Plastic Hose & Belting	x			x				x		79
306 Fabricated Rubber Products, Not Elsewhere Classified	x			x				x		82
307 Misc. Plastics Products		x				x	x			80
311 Leather Tanning & Finishing		x			x			x		66
322 Glass & Glassware, Pressed or Blown		x			x			x		58
323 Glass Products, Made of Purchased Glass		x			x			x		64

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 10	M 5	L 2	C 7	L 5	H 10	M 5	L 2	R 10	N 7	L 2	H 7	M 4	L 1	H 7	M 5	L 1	L 10	M 7	H 2	H 12	M 8	L 2	M 8	A 5	F 2
324 Cement, Hydraulic			x	x		x					x	x			x					x	x					x
325 Structural Clay Products			x		x		x				x	x			x					x	x					x
326 Pottery & Related Products			x		x		x				x	x			x					x	x					x
327 Concrete, Gypsum, & Plaster Products		x		x			x				x	x			x					x	x			x		
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products			x	x			x				x	x			x					x	x					x
332 Iron & Steel Foundries		x		x			x				x		x			x		x			x					x
334 Secondary Smelting & Refining of Nonferrous Metals		x			x	x					x		x		x	x				x	x					x
335 Rolling, Drawing & Extruding of Nonferrous Metals		x		x		x			x			x			x	x				x	x					x
336 Nonferrous Foundries		x		x			x				x	x			x	x				x	x					x
339 Misc. Primary Metal Products		x			x	x					x	x			x	x				x	x					x
341 Metal Cans & Shipping Containers			x	x		x					x	x			x	x				x	x					x
342 Cutlery, Hand Tools, & General Hardware		x		x			x				x	x			x	x				x	x			x		
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures		x			x		x				x	x			x	x				x	x					x
344 Fabricated Structural Metal Products		x		x			x				x	x			x	x				x	x			x		
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers			x	x			x				x	x			x	x				x	x					x
346 Metal Forgings & Stampings		x		x		x					x	x			x	x				x	x			x		
347 Coating, Engraving, & Allied Services		x		x				x	x			x			x	x				x	x					x

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TABLE 4 – Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
324 Cement, Hydraulic			x			x		x		53
325 Structural Clay Products			x			x		x		49
326 Pottery & Related Products	x				x			x		66
327 Concrete, Gypsum, & Plaster Products			x			x	x			61
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products	x					x		x		60
332 Iron & Steel Foundries		x				x	x			67
334 Secondary Smelting & Refining of Nonferrous Metals	x					x		x		73
335 Rolling, Drawing & Extruding of Nonferrous Metals		x				x		x		76
336 Nonferrous Foundries			x			x		x		59
339 Misc. Primary Metal Products		x				x		x		63
341 Metal Cans & Shipping Containers			x			x		x		62
342 Cutlery, Hand Tools, & General Hardware		x				x			x	69
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures			x			x		x		66
344 Fabricated Structural Metal Products			x			x			x	60
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers		x				x	x			68
346 Metal Forgings & Stampings		x				x		x		83
347 Coating, Engraving, & Allied Services		x				x		x		72

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries			
SIC Code Industry Title	H 10	M 5	L 2	C 7	L 5	H 10	M 5	L 2	R 10	N 7	L 2	H 7	M 4	L 1	H 7	M 5	L 1	L 10	M 7	H 2	H 12	M 8	L 2	M 8	A 5	F 2	
Assigned Weights																											
348 Ordinance & Accessories Except Vehicles & Guided Missiles		x			x		x				x			x		x		x			x						x
349 Misc. Fabricated Metal Products		x			x		x				x			x		x		x			x					x	
351 Engines & Turbines			x		x		x				x			x		x		x			x				x		x
352 Farm & Garden Machinery & Equipment		x			x		x			x			x		x		x			x				x		x	
353 Construction, Mining, & Materials Handling Machinery & Equipment		x			x		x				x			x		x		x			x				x		x
354 Metalworking Machinery & Equipment	x				x		x				x			x		x		x			x				x		x
355 Special Industrial Machinery, Except Metalworking Machinery		x			x		x				x			x		x		x			x				x		x
356 General Industrial Machinery & Equipment	x				x		x				x			x		x		x			x				x		x
357 Office Computing, & Accounting Machines	x				x		x				x			x		x		x			x				x		x
358 Refrigeration & Service Industry Machinery		x			x		x				x			x		x		x			x				x		x
359 Misc. Machinery, Except Electrical		x			x		x				x			x		x		x			x				x		x
361 Electrical Transmission & Distribution Equipment	x				x		x				x			x			x			x				x		x	
362 Electrical Industrial Apparatus		x			x		x				x			x		x		x			x				x		x
363 Household Appliances		x			x		x				x			x		x		x			x				x		x
364 Electrical Lighting & Wiring Equipment		x			x		x				x			x			x			x					x		x

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
SIC Code Industry Title	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
348 Ordnance & Accessories Except Vehicles & Guided Missiles			x			x		x		58
349 Misc. Fabricated Metal Products		x				x	x			74
351 Engines & Turbines		x				x		x		69
352 Farm & Garden Machinery & Equipment			x			x		x		74
353 Construction, Mining, & Materials Handling Machinery & Equipment		x				x		x		75
354 Metalworking Machinery & Equipment		x				x		x		75
355 Special Industrial Machinery, Except Metalworking Machinery			x			x		x		69
356 General Industrial Machinery & Equipment		x				x		x		83
357 Office Computing, & Accounting Machines			x			x		x		68
358 Refrigeration & Service Industry Machinery		x				x		x		67
359 Misc. Machinery, Except Electrical	x				x		x			85
361 Electrical Transmission & Distribution Equipment		x				x		x		59
362 Electrical Industrial Apparatus		x				x		x		56
363 Household Appliances			x			x		x		52
364 Electrical Lighting & Wiring Equipment	x				x			x		67

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H	M	L	C	L	H	M	L	R	N	L	H	M	L	H	M	L	L	M	H	H	M	L	M	A	F
Assigned Weights	10	5	2	7	5	10	5	2	10	7	2	7	4	1	7	5	1	10	7	2	12	8	2	8	5	2
365 Radio & Television Receiving Equipment, Except Communication Types	x				x		x			x			x			x			x			x			x	
366 Communication Equipment	x				x		x			x			x			x			x			x			x	
367 Electrical Components & Accessories	x				x		x			x			x			x			x			x			x	
369 Misc. Electrical Machinery Equipment & Supplies		x			x		x			x			x			x			x			x			x	
371 Motor Vehicles & Motor Vehicle Equipment		x			x		x			x			x			x			x			x		x		
372 Aircraft & Parts		x			x		x			x			x			x			x			x			x	
374 Railroad Equipment		x			x		x			x			x			x			x			x			x	
375 Motorcycles, Bicycles & Parts	x				x		x			x			x			x			x			x			x	
376 Guided Missiles & Space Vehicles & Parts		x			x		x			x			x			x			x			x			x	
379 Misc. Transportation Equipment	x				x		x			x			x			x			x			x			x	
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment		x			x		x			x			x			x			x			x			x	
382 Measuring & Controlling Instruments		x			x		x			x			x			x			x			x			x	
383 Optical Instruments & Lenses		x			x		x			x			x			x			x			x			x	
384 Surgical, Medical, & Dental Instruments & Supplies	x				x		x			x			x			x			x			x			x	
385 Ophthalmic Goods		x			x		x			x			x			x			x			x			x	

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
365 Radio & Television Receiving Equipment, Except Communication Types			x			x		x		55
366 Communication Equipment			x			x		x		62
367 Electrical Components & Accessories		x				x			x	58
369 Misc. Electrical Machinery Equipment & Supplies	x			x			x			81
371 Motor Vehicles & Motor Vehicle Equipment	x				x		x			90
372 Aircraft & Parts		x				x		x		69
374 Railroad Equipment	x	x				x		x		70
375 Motorcycles, Bicycles & Parts		x				x		x		72
376 Guided Missiles & Space Vehicles & Parts			x			x		x		66
379 Misc. Transportation Equipment			x			x			x	63
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment		x				x		x		63
382 Measuring & Controlling Instruments		x				x		x		65
383 Optical Instruments & Lenses			x			x		x		59
384 Surgical, Medical, & Dental Instruments & Supplies			x			x		x		61
385 Ophthalmic Goods			x			x		x		59

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

Criteria	Growth Projections			Intensive vs. Capital Intensive		Wage Levels			Markets Served			Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries					
	SIC Code	Industry Title			H	M	L	C	L	H	M	L	R	N	L	H	M	L	H	M	L	L	M	H	H	M	L	M	A
Assigned Weights	10	5	2	7	5	10	5	2	10	7	2	7	4	1	7	5	1	10	7	2	12	8	2	8	5	2			
386	Photographic Equipment & Supplies			x			x		x			x			x			x			x								x
387	Watches, Clocks, Clockwork Operated Devices, & Parts				x			x		x			x		x				x			x							x
391	Jewelry, Silverware & Plated Ware					x		x		x				x		x		x	x										x
393	Musical Instruments				x			x		x				x		x		x	x										x
394	Toys & Amusement, Sporting & Athletic Goods				x			x		x				x		x		x	x									x	
395	Pens & Pencils, & Other Office & Artists Materials				x			x		x	x			x		x		x	x									x	
396	Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals				x			x		x	x			x		x		x	x										x
399	Misc. Manufacturing Industries					x		x		x	x			x		x		x	x								x		

a/ High, Medium, Low

b/ Capital, Labor

c/ Regional, National, Local

d/ Low, Medium, High

e/ Many, Average, Few

TABLE 4 - Continued

SCHEME NUMBER TWO WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 10	M 5	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
386 Photographic Equipment & Supplies		x				x	x			76
387 Watches, Clocks, Clockwork Operated Devices, & Parts			x			x		x		48
391 Jewelry, Silverware & Plated Ware		x			x			x		50
393 Musical Instruments		x			x			x		53
394 Toys & Amusement, Sporting & Athletic Goods		x			x			x		56
395 Pens & Pencils, & Other Office & Artists Materials		x			x			x		59
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals		x			x			x		56
399 Misc. Manufacturing Industries		x			x				x	53

TABLE 5

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries					
	H	M	L ^a	C	L ^{b/}	H	M	L ^a	R	N	L ^c	H	M	L ^a	H	M	L ^a	L	M	H ^d	H	M	L ^a	M	A	F ^{e/}			
Assigned Weights	12	6	1	9	6	10	5	2	8	5	2	10	5	2	10	5	2	8	5	2	10	5	2	10	5	2	10	5	2
201 Meat Products			x	x		x			x			x			x			x			x			x					
202 Dairy Products			x	x		x				x		x			x			x				x		x					
204 Grain Mill Products			x	x		x				x		x			x			x			x			x					
205 Bakery Products			x	x		x				x		x			x			x				x			x				
206 Sugar & Confectionary Products			x	x		x			x			x			x			x				x			x				
208 Beverages			x	x		x				x		x			x			x				x			x				
209 Misc. Food Preparations & Kindred Products			x	x			x			x		x			x			x				x			x				
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats	x			x			x			x		x			x			x				x				x			
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments	x				x		x		x			x			x			x				x			x				
233 Women's, Misses, & Juniors Outerwear	x				x		x		x			x			x			x				x			x				
234 Women's, Misses, & Children's & Infants Undergarments	x				x		x		x			x			x			x				x				x			
235 Hats, caps, & Millinery	x				x		x		x			x			x			x				x				x			
236 Girls', Children's, & Infants' Outerwear	x				x		x		x			x			x			x				x				x			
238 Misc. Apparel & Accessories	x				x		x			x		x			x			x				x				x			
239 Misc. Fabricated Textile Products		x			x		x		x			x			x			x				x		x					
243 Millwork, Veneer, Plywood, & Structured Wood Members	x				x		x			x			x			x		x				x		x					
244 Wood Containers		x			x		x			x			x			x		x				x				x			

TABLE 5

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
201 Meat Products		x				x	x			70
202 Dairy Products		x				x			x	46
204 Grain Mill Products		x				x		x		63
205 Bakery Products		x				x	x			51
206 Sugar & Confectionary Products		x				x		x		53
208 Beverages		x				x			x	46
209 Misc. Food Preparations & Kindred Products		x				x			x	38
231 Men's, Youth's, & Boys' Suits, Coats, & Overcoats		x		x				x		69
232 Men's, Youth's, & Boys' Furnishing, Work Clothing & Allied Garments		x		x				x		72
233 Women's, Misses, & Juniors Outerwear		x		x				x		72
234 Women's, Misses, & Children's & Infants Undergarments		x		x				x		69
235 Hats, caps, & Millinery		x		x				x		69
236 Girls', Children's, & Infants' Outerwear		x		x				x		69
238 Misc. Apparel & Accessories		x		x				x		69
239 Misc. Fabricated Textile Products			x			x	x			64
243 Millwork, Veneer, Plywood, & Structured Wood Members		x				x		x		72
244 Wood Containers		x				x		x		49

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 12	M 6	L 1	C 9	L 6	H 10	M 5	L 2	R 8	N 5	L 2	H 10	M 5	L 2	H 10	M 5	L 2	L 8	M 5	H 2	H 10	M 5	L 2	M 10	A 5	F 2
245 Wood Buildings & Mobile Homes		x		x		x			x				x			x		x				x		x		
249 Misc. Wood Products	x			x				x	x				x			x		x				x			x	
251 Household Fixtures		x			x			x			x				x			x				x			x	
252 Office Furniture		x			x			x	x				x			x		x				x			x	
253 Public Buildings & Related Furniture		x			x			x	x				x			x		x				x			x	
254 Partitions, Shelving, Lockers, & Office & Store Fixtures		x			x			x					x			x		x				x			x	
259 Misc. Furniture & Fixtures		x			x			x		x			x			x		x				x			x	
264 Converted Paper & Paperboard Products, Except Containers & Boxes		x			x			x					x			x		x				x			x	
265 Paperboard Containers & Boxes		x			x			x					x			x		x				x			x	
271 Newspapers		x			x			x					x			x						x			x	
272 Periodicals: Publishing, Publishing & Printing		x			x			x					x			x						x			x	
273 Books			x		x			x					x			x						x			x	
274 Misc. Publishing		x			x			x					x			x						x			x	
275 Commercial Printing		x			x			x					x			x						x			x	
276 Manifold Business Forms		x			x			x					x			x						x			x	
277 Greeting Card Publishing		x			x			x					x			x						x				x
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work		x			x			x					x			x						x			x	
279 Service Industries for the Printing Trade		x			x			x					x			x						x			x	

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63
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TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
245 Wood Buildings & Mobile Homes			x			x		x		63
249 Misc. Wood Products		x				x		x		64
251 Household Fixtures			x			x			x	40
252 Office Furniture			x			x		x		52
253 Public Buildings & Related Furniture			x			x		x		52
254 Partitions, Shelving, Lockers, & Office & Store Fixtures			x			x			x	49
259 Misc. Furniture & Fixtures			x			x		x		52
264 Converted Paper & Paperboard Products, Except Containers & Boxes	x	x		x	x				x	60
265 Paperboard Containers & Boxes		x				x		x		55
271 Newspapers	x				x				x	77
272 Periodicals: Publishing, Publishing & Printing	x				x			x		75
273 Books	x				x			x		78
274 Misc. Publishing	x				x			x		75
275 Commercial Printing		x			x		x			89
276 Manifold Business Forms		x			x			x		72
277 Greeting Card Publishing		x			x			x		69
278 Blank Books, Looseleaf Binders, & Bookbinding & Related Work		x			x			x		84
279 Service Industries for the Printing Trade		x			x				x	76

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 12	M 6	L 1	C 9	L 6	H 10	M 5	L 2	R 8	N 5	L 2	H 10	M 5	L 2	H 10	M 5	L 2	L 8	M 5	H 2	H 10	M 5	L 2	M 10	A 5	F 2
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass	x			x		x			x			x			x				x			x				x
283 Drugs	x			x		x			x			x			x				x			x				x
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations		x		x		x			x			x			x				x			x				x
285 Paints, Varnishes, Lacquers, Enamels & Allied Products		x			x	x				x		x			x				x			x				x
287 Agricultural Chemicals			x	x		x				x		x			x				x			x				x
289 Misc. Chemical Products		x		x		x				x		x			x				x			x				x
295 Paving & Roofing Materials			x		x	x				x			x		x				x			x				x
299 Misc. Products of Petroleum & Coal			x		x	x				x			x		x				x			x				x
301 Tires & Inner Tubes		x		x		x				x		x			x				x			x				x
302 Rubber & Plastics Footwear		x			x	x				x		x			x				x			x				x
303 Reclaimed Rubber		x			x	x				x		x			x				x			x				x
304 Rubber & Plastic Hose & Belting		x			x	x				x		x			x				x			x				x
306 Fabricated Rubber Products, Not Elsewhere Classified		x			x	x				x		x			x				x			x				x
307 Misc. Plastics Products	x			x				x		x		x			x				x			x				x
311 Leather Tanning & Finishing			x		x					x		x			x				x			x				x
322 Glass & Glassware, Pressed or Blown		x			x	x				x		x			x				x			x				x
323 Glass Products, Made of Purchased Glass			x		x	x				x		x			x				x			x				x

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TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
282 Plastics Materials & Synthetic Resins, Synthetic Rubber, Synthetic & Other Man-made Fibers, Except Glass			x			x		x		66
283 Drugs			x			x		x		69
284 Soap, Detergents, & Cleaning Preparations, Perfumes, Cosmetics, & Other Toilet Preparations		x			x				x	63
285 Paints, Varnishes, Lacquers, Enamels & Allied Products		x		x				x		60
287 Agricultural Chemicals		x				x			x	54
289 Misc. Chemical Products	x			x				x		66
295 Paving & Roofing Materials	x			x				x		61
299 Misc. Products of Petroleum & Coal	x			x				x		67
301 Tires & Inner Tubes	x			x				x		74
302 Rubber & Plastics Footwear	x			x				x		66
303 Reclaimed Rubber	x			x				x		66
304 Rubber & Plastic Hose & Belting	x			x				x		66
306 Fabricated Rubber Products, Not Elsewhere Classified	x			x				x		69
307 Misc. Plastics Products		x				x	x			79
311 Leather Tanning & Finishing		x			x			x		66
322 Glass & Glassware, Pressed or Blown		x			x			x		58
323 Glass Products, Made of Purchased Glass		x			x			x		59

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria SIC Code Industry Title	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
	H 12	M 6	L 1	C 9	L 6	H 10	M 5	L 2	R 8	N 5	L 2	H 10	M 5	L 2	H 10	M 5	L 2	L 8	M 5	H 2	H 10	M 5	L 2	M 10	A 5	F 2
324 Cement, Hydraulic			x	x		x					x	x			x					x						x
325 Structural Clay Products			x		x		x				x	x			x					x						x
326 Pottery & Related Products			x		x		x				x	x			x					x						x
327 Concrete, Gypsum, & Plaster Products		x		x		x					x	x			x					x				x		
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products			x		x		x				x	x			x					x						x
332 Iron & Steel Foundries		x		x		x					x			x				x								x
334 Secondary Smelting & Refining of Nonferrous Metals		x			x		x				x			x				x								x
335 Rolling, Drawing & Extruding of Nonferrous Metals		x		x		x				x				x				x								x
336 Nonferrous Foundries		x		x		x					x			x				x								x
339 Misc. Primary Metal Products		x			x		x				x			x				x								x
341 Metal Cans & Shipping Containers			x		x		x				x			x				x								x
342 Cutlery, Hand Tools, & General Hardware		x		x		x					x			x				x						x		
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures		x			x		x				x			x				x								x
344 Fabricated Structural Metal Products		x			x		x				x			x				x								x
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers			x		x		x				x			x				x								x
346 Metal Forgings & Stampings		x			x		x				x			x				x								x
347 Coating, Engraving, & Allied Services		x			x						x			x				x								x

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
324 Cement, Hydraulic			x			x		x		52
325 Structural Clay Products			x			x		x		47
326 Pottery & Related Products	x				x			x		59
327 Concrete, Gypsum, & Plaster Products			x			x	x			64
329 Abrasive, Asbestos, & Misc. Nonmetallic Mineral Products	x					x		x		56
332 Iron & Steel Foundries		x				x	x			67
334 Secondary Smelting & Refining of Nonferrous Metals	x					x		x		68
335 Rolling, Drawing & Extruding of Nonferrous Metals		x				x		x		74
336 Nonferrous Foundries			x			x		x		60
339 Misc. Primary Metal Products		x				x		x		62
341 Metal Cans & Shipping Containers			x			x		x		60
342 Cutlery, Hand Tools, & General Hardware		x				x			x	68
343 Heating Equipment, Except Electric & Warm Air, & Plumbing Fixtures			x			x		x		63
344 Fabricated Structural Metal Products			x			x			x	62
345 Screw Machine Products, & Bolts, Nuts, Screws, Rivets, & Washers		x				x	x			65
346 Metal Forgings & Stampings		x				x		x		82
347 Coating, Engraving, & Allied Services		x				x		x		69

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H 12	M 6	L 1	C 9	L 6	H 10	M 5	L 2	R 8	N 5	L 2	H 10	M 5	L 2	H 10	M 5	L 2	L 8	M 5	H 2	H 10	M 5	L 2	M 10	A 5	F 2
Assigned Weights																										
348 Ordnance & Accessories Except Vehicles & Guided Missiles		x			x		x				x		x			x		x		x						x
349 Misc. Fabricated Metal Products		x			x		x				x		x			x		x						x		
351 Engines & Turbines			x		x		x				x		x			x		x				x			x	
352 Farm & Garden Machinery & Equipment		x			x		x				x		x			x		x				x		x		
353 Construction, Mining, & Materials Handling Machinery & Equipment		x			x		x				x		x			x		x				x		x		
354 Metalworking Machinery & Equipment	x				x		x				x		x			x		x				x		x		
355 Special Industrial Machinery, Except Metalworking Machinery		x			x		x				x		x			x		x				x		x		
356 General Industrial Machinery & Equipment	x				x		x				x		x			x		x				x		x		
357 Office Computing, & Accounting Machines	x				x		x				x		x			x		x				x		x		
358 Refrigeration & Service Industry Machinery		x			x		x				x		x			x		x				x		x		
359 Misc. Machinery, Except Electrical		x			x		x				x		x			x		x				x		x		
361 Electrical Transmission & Distribution Equipment	x				x		x				x		x			x		x				x		x		
362 Electrical Industrial Apparatus		x			x		x				x		x			x		x				x		x		
363 Household Appliances		x			x		x				x		x			x		x				x		x		
364 Electrical Lighting & Wiring Equipment		x			x		x				x		x			x		x				x		x		

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
348 Ordinance & Accessories Except Vehicles & Guided Missiles			x			x		x		57
349 Misc. Fabricated Metal Products		x				x	x			75
351 Engines & Turbines		x				x		x		71
352 Farm & Garden Machinery & Equipment			x			x		x		81
353 Construction, Mining, & Materials Handling Machinery & Equipment		x				x		x		81
354 Metalworking Machinery & Equipment		x				x		x		84
355 Special Industrial Machinery, Except Metalworking Machinery			x			x		x		76
356 General Industrial Machinery & Equipment		x				x		x		90
357 Office Computing, & Accounting Machines			x			x		x		74
358 Refrigeration & Service Industry Machinery		x				x		x		71
359 Misc. Machinery, Except Electrical	x				x		x			89
361 Electrical Transmission & Distribution Equipment		x				x		x		63
362 Electrical Industrial Apparatus		x				x		x		60
363 Household Appliances			x			x		x		57
364 Electrical Lighting & Wiring Equipment	x				x			x		69

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria	Growth Projections			Labor Intensive vs. Capital Intensive		Wage Levels			Markets Served			Natural Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries			
SIC Code Industry Title	H 12	M 6	L 1	C 9	L 6	H 10	M 5	L 2	R 8	N 5	L 2	H 10	M 5	L 2	H 10	M 5	L 2	L 8	M 5	H 2	H 10	M 5	L 2	M 10	A 5	F 2	
Assigned Weights																											
365 Radio & Television Receiving Equipment, Except Communication Types	x				x		x			x			x				x				x					x	
366 Communication Equipment	x				x		x			x			x				x				x					x	
367 Electrical Components & Accessories	x				x		x			x			x				x				x					x	
369 Misc. Electrical Machinery Equipment & Supplies		x			x		x			x			x				x				x					x	
371 Motor Vehicles & Motor Vehicle Equipment		x			x		x			x			x			x					x				x		x
372 Aircraft & Parts		x			x		x			x			x			x					x						x
374 Railroad Equipment		x			x		x			x			x			x					x						x
375 Motorcycles, Bicycles & Parts	x				x		x			x			x				x				x						x
376 Guided Missiles & Space Vehicles & Parts		x			x		x			x			x			x					x						x
379 Misc. Transportation Equipment	x				x		x			x			x				x				x						x
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment		x			x		x			x			x			x					x						x
382 Measuring & Controlling Instruments		x			x		x			x			x			x					x						x
383 Optical Instruments & Lenses		x			x		x			x			x			x					x						x
384 Surgical, Medical, & Dental Instruments & Supplies	x				x		x			x			x			x					x						x
385 Ophthalmic Goods		x			x		x			x			x			x					x						x

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
365 Radio & Television Receiving Equipment, Except Communication Types			x			x		x		60
366 Communication Equipment			x			x		x		68
367 Electrical Components & Accessories		x				x			x	63
369 Misc. Electrical Machinery Equipment & Supplies	x			x			x			83
371 Motor Vehicles & Motor Vehicle Equipment	x				x		x			94
372 Aircraft & Parts		x				x		x		73
374 Railroad Equipment		x				x		x		73
375 Motorcycles, Bicycles & Parts		x				x		x		76
376 Guided Missiles & Space Vehicles & Parts			x			x		x		70
379 Misc. Transportation Equipment			x			x			x	68
381 Engineering, Laboratory, Scientific, & Research Instruments & Associated Equipment		x				x		x		63
382 Measuring & Controlling Instruments		x				x		x		66
383 Optical Instruments & Lenses			x			x		x		60
384 Surgical, Medical, & Dental Instruments & Supplies			x			x		x		60
385 Ophthalmic Goods		x	x			x		x		60

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART A

WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES

Criteria	Growth Projections			Intensive vs. Capital Intensive		Wage Levels			Markets Served			Gas Energy Output Requirements			Electrical Energy Output Requirements			Transportation Output Requirements			External Linkages			Existing Industries		
SIC Code Industry Title	H	M	L	C	L	H	M	L	R	N	L	H	M	L	H	M	L	L	M	H	H	M	L	M	A	F
Assigned Weights	12	6	1	9	6	10	5	2	8	5	2	10	5	2	10	5	2	8	5	2	10	5	2	10	5	2
386 Photographic Equipment & Supplies	x			x		x			x			x			x			x			x					x
387 Watches, Clocks, Clockwork Operated Devices, & Parts		x			x		x			x		x				x			x			x				x
391 Jewelry, Silverware & Plated Ware			x		x		x			x			x			x		x				x				x
393 Musical Instruments		x			x		x			x			x			x		x				x				x
394 Toys & Amusement, Sporting & Athletic Goods		x			x		x			x			x			x		x				x			x	
395 Pens & Pencils, & Other Office & Artists Materials		x			x		x		x				x			x		x				x			x	
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals		x			x		x		x				x			x		x				x				x
399 Misc. Manufacturing Industries			x		x		x		x				x			x		x				x		x		

a/ High, Medium, Low

b/ Capital, Labor

c/ Regional, National, Local

d/ Low, Medium, High

e/ Many, Average, Few

TABLE 5 - Continued

SCHEME NUMBER THREE WEIGHTED SCORES OF CANDIDATE INDUSTRIES BY STANDARD INDUSTRIAL CODES
PART B

Criteria SIC Code Industry Title	Transportation Modes Utilized			Water Output Requirements			Percent Growth in Number of Establishments			Total Weighted Score
	H 7	M 4	L 1	H 10	M 5	L 2	H 12	M 8	L 2	
Assigned Weights										
386 Photographic Equipment & Supplies		x				x	x			78
387 Watches, Clocks, Clockwork Operated Devices, & Parts			x			x		x		51
391 Jewelry, Silverware & Plated Ware		x			x			x		47
393 Musical Instruments		x			x			x		52
394 Toys & Amusement, Sporting & Athletic Goods		x			x			x		55
395 Pens & Pencils, & Other Office & Artists Materials		x			x			x		58
396 Costume Jewelry, Costume Novelties, Buttons, & Misc. Notions, Except Previous Metals		x			x			x		55
399 Misc. Manufacturing Industries		x			x				x	52