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Volume Title: Diversification and Integration in American Industry

Volume Author/Editor: Michael Gort

Volume Publisher: Greenwood Press

Volume ISBN: 0313-32442-5

Volume URL: <http://www.nber.org/books/gort62-1>

Publication Date: 1962

Chapter Title: Appendix E: Relation of Frequency of Product Additions and Abandonments to Industry Characteristics, Product Additions and Abandonments Classified into Deciles on Basis of Six Variables, 1929–54

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Chapter URL: <http://www.nber.org/chapters/c1945>

Chapter pages in book: (p. 229 - 233)

## APPENDIX E

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TABLE  
THE RELATION OF FREQUENCY OF PRODUCT ADDITIONS  
PRODUCT ADDITIONS AND ABANDONMENTS CLASSIFIED BY  
1929

VARIABLE	Decile	1929-1939			
		Product Additions		Product Abandonments	
		All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company
Concentration ratio	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	Total				
Average size of plant	1	20	4	3	2
	2	20	8	0	0
	3	27	21	3	2
	4	26	15	3	3
	5	31	18	4	0
	6	48	33	4	3
	7	42	26	5	5
	8	47	24	6	2
	9	81	37	16	7
	10	59	32	8	4
	Total	401	218	52	28
Technical personnel ratio	1	0	0	1	1
	2	13	7	2	1
	3	18	13	1	1
	4	13	8	4	2
	5	25	6	3	1
	6	66	61	14	10
	7	32	30	5	2
	8	104	67	8	3
	9	71	29	5	3
	10	110	47	15	9
	Total	475	268	58	33

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LOS AND ABANDONMENTS TO INDUSTRY CHARACTERISTICS,  
 DIVIDED INTO DECILES ON THE BASIS OF SIX VARIABLES,

-54

1939-1950				1950-1954			
<i>Product Additions</i>		<i>Product Abandonments</i>		<i>Product Additions</i>		<i>Product Abandonments</i>	
All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company
26	15	15	6	27	20	4	3
49	38	9	5	45	29	5	2
41	23	13	10	43	24	6	3
48	29	10	9	37	19	7	5
60	36	23	17	56	37	12	9
57	32	7	1	50	36	7	5
45	26	16	9	32	23	6	3
40	35	10	8	36	27	7	6
39	23	19	10	31	16	5	3
44	30	12	8	33	29	8	4
449	287	134	83	390	260	67	43
10	5	5	0	5	4	2	1
18	6	4	2	6	3	3	2
21	13	9	7	20	12	3	3
15	12	7	5	14	8	4	2
25	20	10	7	23	17	7	4
38	31	17	13	25	18	1	1
18	13	5	3	17	9	6	5
48	27	13	6	41	27	8	4
70	47	11	8	47	31	11	8
54	30	20	14	69	43	8	4
317	204	101	65	267	172	53	34
4	3	2	2	11	11	4	4
16	14	6	5	10	10	1	1
14	18	5	2	20	15	6	1
17	11	9	2	12	2	3	0
12	2	3	2	27	21	4	4
31	14	15	8	29	16	7	3
61	48	24	15	37	24	8	8
33	15	13	7	31	19	5	4
113	77	28	22	97	71	10	7
144	92	29	18	127	76	17	11
445	284	134	83	401	265	65	43

(continued)

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VARIABLE	Decile	1929-1939			
		<i>Product Additions</i>		<i>Product Abandonmen</i>	
		All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company
Productivity change	1	24	13	2	0
	2	39	18	6	1
	3	17	11	8	4
	4	53	46	5	5
	5	18	5	2	0
	6	113	82	8	6
	7	97	50	12	7
	8	7	5	0	0
	9	81	33	10	6
	10	24	5	5	2
	Total	473	268	58	31
Growth	1	21	16	9	5
	2	20	13	1	0
	3	15	7	3	0
	4	39	32	7	5
	5	29	19	2	2
	6	20	10	4	2
	7	24	11	6	4
	8	55	27	5	2
	9	46	17	3	2
	10	78	31	9	4
	Total	347	183	49	26
Average size of firm	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	Total				

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(concluded)

1939-1950				1950-1954			
<i>Product Additions</i>		<i>Product Abandonments</i>		<i>Product Additions</i>		<i>Product Abandonments</i>	
All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company	All	Those Falling Out of Primary 2-Digit Group of Company
11	6	5	3	17	9	5	3
48	37	16	10	27	19	5	4
12	7	0	0	11	5	5	4
11	4	6	4	7	3	3	1
25	8	15	5	20	7	5	0
76	52	25	13	69	47	9	6
54	41	16	13	60	56	16	11
26	17	14	9	28	19	2	2
67	37	13	12	68	40	3	2
121	77	24	12	92	59	14	10
451	287	134	81	399	264	67	43
6	6	4	3	3	1	2	1
16	7	6	1	11	10	5	1
19	12	12	6	14	12	6	1
17	10	6	4	18	8	4	2
29	14	17	7	25	15	3	2
21	10	13	10	30	17	5	3
33	17	15	12	23	11	6	3
52	36	10	9	35	22	1	1
97	62	26	14	96	62	11	8
75	51	9	6	68	43	9	8
365	225	118	72	323	201	52	30
6	4	2	1	3	3	5	4
23	19	6	6	19	16	4	4
23	11	8	8	24	13	2	0
55	33	16	7	50	31	8	6
47	32	13	4	37	24	8	4
38	22	8	5	31	18	8	3
35	21	12	8	33	25	4	1
54	35	12	8	45	31	6	4
45	20	15	5	57	31	2	2
73	46	19	10	57	31	9	6
399	243	111	62	356	223	56	34

SOURCE: Product record described in Chapter 2. For explanation of methods of classifying products according to variables, see Chapter 7.