

MINUTES OF THE SENATE COMMITTEE ON ASSESSMENT AND TAXATION

The meeting was called to order by Senator Paul "Bud" Burke at  
Chairperson

11:00 a.m./p.m. on February 16, 1983 in room 526-S of the Capitol.

All members were present except: Senator Mulich (Excused)

Committee staff present: Don Hayward, Revisor's Office  
Wayne Morris, Research Dept.  
Tom Severn, Research Dept.

Conferees appearing before the committee: Phil Martin, Director of Property Valuation Dept.  
Henry Kingman, Property Valuation Dept.  
Douglas Sensbaugh, Sedgwick County Appraiser

The chairman commented that most of the committee members had received letters with regard to the application of trending factors to the valuation of business machinery and equipment. He called on Phil Martin, Director, PVD, to explain trending factors and the reporting on those. Mr. Martin referred to and explained a chart (Attachment #1) for the Weaver Engineering and Manufacturing Company of Wichita, noting that he was talking about unusual one-of-a-type equipment. He said the taxpayer has not rendered on the property what he should be rendering, and if trending factors had been applied by counties, this problem would have occurred before this. He said this year they expect 100% compliance to the trending factors.

Henry Kingman, PVD, said in the case of the Weaver Company, a lot of unrecorded property was discovered and the feeling is that a lot of this has been done. He said as commissioners become aware of this, he believes they will go out in their county to explain the assessment on this type of equipment. He said this applies more to industry and to counties where manufacturing and industrial equipment is located.

In response to an inquiry by Senator Kerr regarding what percent of inventory and manufacturing equipment, if properly appraised, is not reported, Phil Martin responded that probably 15%, and including inventory, approximately 25% or 30%.

Henry Kingman explained the statistics from the U.S. Dept. of Labor chart for all items and major groups based on the Consumer Price Index. The chairman inquired as to what reports do they utilize in determining that the cost of machinery is tracking with the CPI, any international or regional information that would give specific information on the increased valuation of machinery. Mr. Kingman said the CPI will take care of both the increase and the depreciation but may not increase at the same rate that machinery does.

Tom Severn reported that the CPI is relevant for consumers. The implicit price deflators are very good indicators of the inflation for a variety of kinds of goods being consumed in a year but that they are revised annually. CPI figures are very rarely revised once announced.

Mr. Kingman said the application of rate is in CPI. He explained the CPI factor for 1983 and what actually happens with CPI in the growth each year and how arrived at differences each year.

Douglas Sensbaugh, Sedgwick County Appraiser, said trending factors are working well in his county. Due to the economy, machinery is not selling well and he will not value property more than 100% of its value for the previous year. He said the trending factors are to be used as a last resort.

The committee considered SB 119. Senator Montgomery explained that the only change in this bill concerning revenue bonds was a clarification on line 26, striking "chairperson of the".

Senator Chaney moved and Senator Hayden seconded a motion to recommend SB 119 favorable for passage. The motion passed.

Senator Chaney moved and Senator Angell seconded a motion to place SB 119 on the Consent Calendar. The motion passed.

The chairman adjourned the meeting at 11:55 a.m. The next meeting will be held at 11:00 a.m., February 17.



Attachment  
#1

WEAVER ENGINEERING AND MANUFACTURING

PP 389630

ASSESSMENT YEAR	1978	1979	1980	1981	1982	REVISED 1982
PURCHASES 1970	25900	25900	—	—	—	30553
1973	7455	7455	7455	—	222	17199
1974	13270	13270	39170	39170	10097	20897
1979	—	—	—	—	—	42552
1980	—	—	—	7911	—	106198
1981	—	—	—	—	22268	8955
FULLY DEP. VAL.	4995	4995	7326	7326	6603	
F & E	135	0	0	0	0	2005
INVENTORY	1279	344	1871	644	1310	
TAXPAYER RETURNED FOR 1982 TOTAL MARKET VALUE				41,980		
AUDIT BY APPRAISERS OFFICE				<u>181,080</u>		
INCREASE IN CORRECTED MARKET VALUE				139,100		

*Atch. 1*

## TRENDING FACTORS

Whenever current cost information for miscellaneous personal property is not available, it is sometimes necessary to update the historical cost to an estimate of current replacement cost.

The trending factors listed in the following tables may be used to update and depreciate the original cost in one operation. They have been calculated by the use of the Consumer Price Index (compiled by the U.S. Department of Labor Statistics) and then factored to include depreciation based on various economic lives (3 yr., 5 yr., 7 yr., 10 yr., 12 yr., 15 yr., 20 yr., 25 yr., and 30 yr.) with a 10% salvage value base.

Example: In 1977 a service machine was purchased for \$500. It has an economic life estimated at five years, i.e., it is physically and functionally obsolete after five years use.

From the 5 year table and the 1977 purchase year, a factor of .14 is indicated.

Therefore, the indicated market value estimate for 1983 is:

$$\$500 \times .14 = \$70.00$$

1983  
TRENDING FACTORS

Purchase Year	Economic Life									Purchase Year
	3 Years	5 Years	7 Years	10 Years	12 Years	15 Years	20 Years	25 Years	30 Years	
1983	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1983
1982	.63	.73	.78	.82	.83	.84	.85	.86	.87	1982
1981	.39	.62	.72	.80	.83	.85	.88	.90	.91	1981
1980	.11	.49	.66	.79	.83	.88	.94	.96	.99	1980
1979		.35	.60	.79	.87	.94	1.01	1.06	1.10	1979
1978		.14	.49	.74	.84	.94	1.04	1.11	1.14	1978
1977			.33	.66	.79	.92	1.05	1.12	1.18	1977
1976			.15	.56	.72	.88	1.04	1.14	1.20	1976
1975				.45	.65	.84	1.04	1.15	1.22	1975
1974				.34	.59	.83	1.07	1.22	1.32	1974
1973				.20	.49	.79	1.09	1.27	1.39	1973
1972					.36	.70	1.04	1.23	1.38	1972
1971					.21	.60	.98	1.21	1.35	1971
1970						.50	.93	1.18	1.36	1970
1969						.38	.88	1.18	1.37	1969
1968						.25	.81	1.14	1.36	1968
1967							.71	1.07	1.34	1967
1966							.62	1.03	1.29	1966
1965							.51	.94	1.24	1965
1964							.39	.88	1.17	1964
1963							.28	.77	1.11	1963
1962								.67	1.04	1962
1961								.60	.96	1961
1960								.40	.89	1960
1959								.41	.82	1959
1958								.30	.74	1958
1957									.67	1957
1956									.60	1956
1955									.50	1955
1954									.41	1954
1953									.32	1953

HOW TO USE: 198 3 COMMERCIAL PERSONAL PROPERTY STATEMENT

PROPERTY LISTING FOR <u>Doe Company</u>							
List and describe all items of machinery, equipment, and supplies which are owned, such as: office machines, furniture, counters, shelving, bins, carts, tools, loaders, plant equipment and all other personal property fixtures and machinery. Add supplemental pages as required.							
Substitution of a computer printout is acceptable if the property is grouped by type, purchase date, and original cost.							
"Appraiser's Use" columns to be completed by county appraiser using appropriate Kansas Appraisal Guide for personal property valuations.							
					APPRAISER'S USE		
ITEM-CONDITION-AGE			Purchase Date	Cost	Econ Life	Trending Factor	Market Value
1.	Billing Machine	(good) 4	6/1978	7,421. x	5	.14	= \$1,039.00
2.							
3.							
4.	Benches and Counters	(good) 13	7/1969	18,642. x	15	.38	= \$7,084.00
5.							
6.							
7.							
8.							
9.							
10.							

PROPERTY LISTING FOR EXAMPLE - MOTEL

List and describe all items of machinery, equipment, and supplies which are owned, such as: office machines, furniture, counters, shelving, bins, carts, tools, loaders, plant equipment and all other personal property fixtures and machinery. Add supplemental pages as required.

Substitution of a computer printout is acceptable if the property is grouped by type, purchase date, and original cost.

"Appraiser's Use" columns to be completed by county appraiser using appropriate Kansas Appraisal Guide for personal property valuations.

			APPRAISER'S USE		
ITEM-CONDITION-AGE	Purchase Date	Cost	Econ. Life	Trending Factor	Market Value
1. Equipment, Misc., Etc.	1976	\$128,000			\$51,300
2.					
3.					
4.					
5.					
6. BREAK DOWN BY CATEGORY					
7. AND REWORK					
8.					
9.					
10.					
11. Office	1976				
12. Furniture, Counter	X	\$ 1,800	10	.56	\$ 1,010
13. Files, Safe	X	6,500	10	.56	3,640
14. Typewriters, Billing	X	2,200	5	.14	310
15. Machines					
16.					
17. Rooms	1976				
18. Furniture	X	54,000	10	.56	30,240
19. Bedding, Linen	X	15,000	7	.15	2,250
20. Cleaning Equip.	X	5,700	7	.15	855
21.					
22. Kitchen - Restaurant	1976				
23. Chairs 100	X	6,500	10	.56	3,640
24. Tables 12	X	2,100	10	.56	1,180
25. Booths 15	X	4,875	10	.56	2,730
26. Ovens, Range	X	3,900	12	.72	2,810
27. Refrigeration	X	4,500	10	.56	2,520
28. Shelving	X	1,500	12	.72	1,080
29. Sinks, Drains	X	2,250	12	.72	1,620
30. Dishes, Service, Utensils	X	6,500	3	.11	715
31.					
32. Laundry	1976				
33. Washers	X	6,000	15	.88	5,280
34. Dryers	X	5,000	15	.88	4,400
35.					
36.					
37.					\$64,280
38.					
39.					
59.					
60.					
61.					
(Transfer total to Market Value Summary as appropriate)					Total \$ 64,280

## ECONOMIC LIFE GUIDELINES

The following schedules are provided as a guide in estimating the useful economic lives for properties that are to be assessed on the basis of the Trending Factor Table. For an expanded detailed breakdown, reference is made to the 1981 Federal Tax Guide available through Commerce Clearing House, Inc. or other sources.

### BUSINESS EQUIPMENT

	Average Economic Life
	10 Years
Bars, restaurants	7
Fast Food Franchise	7
Barber shop	7
Beauty shop	7
Hotels/Motels	7
Blankets	5
Draperies	12
Furniture	12
Cleaning equipment	10
Kitchen equipment	12
Laundry equipment	15
Refrigeration	10
Springs, mattresses, pillows	7
Office furniture, files, safe, fixtures	10
Telephone systems (owned by user)	10
Typewriters, calculators, adding machines	5

### INDUSTRIAL PRODUCTION MACHINERY & EQUIPMENT

<u>Industry</u>	Average Economic Life
	15 Years
Aircraft	15
Bakeries	15
Canneries	15
Cement	20
Chemicals	15
Confections	15
Dairy	15
Distilling	15
Glass Mfg.	15
Ice & Refrigeration	20
Iron & Steel	25
Laundries	15
Leather	15
Lumber/Wood Products	15
Metals Products/Processes	20
Packing House	20
Paints/Varnisher	20
Printing/Publishing	15
Special Tools: Jigs, dies, molds, patterns	5
Textile	20

## ECONOMIC LIFE GUIDELINES (Cont'd.)

	<u>Average Economic Life</u>
<u>Manufacture of Grain and Grain Mill Products:</u>	
Includes assets used in the production of flours, cereals, livestock feeds, and other grain and grain mill products . . . . .	15 Years
<u>Manufacture of Sugar and Sugar Products:</u>	
Includes assets used in the production of raw sugar, syrup, or finished sugar from sugar cane or sugar beets . . . . .	20
<u>Manufacture of Vegetable Oils and Vegetable Oil Products:</u>	
Includes assets used in the production of oil from vegetable materials and the manufacture of related vegetable oil products . . . . .	20
<u>Manufacture of Other Food and Kindred Products:</u>	
Include assets used in the production of foods and beverages . . . . .	12
<u>Manufacture of Food and Beverages—Special Handling Devices:</u>	
Include assets defined as specialized materials handling devices such as returnable pallets, palletized containers, and fish processing equipment including boxes, baskets, carts. Does not include general purpose small tools such as wrenches and drills, both hand and power-driven, and other general purpose equipment such as conveyors, transfer equipment, and materials handling devices . . . . .	5
<u>Manufacture of Apparel and Other Finished Products:</u>	
Includes assets used in the production of clothing and fabricated textile products by the cutting and sewing of woven fabrics, other textile products, and furs; but does not include assets used in the manufacture of apparel from rubber and leather . . . . .	10
<u>Sawing of Dimensional Stock from Logs:</u>	
Includes machinery and equipment installed in permanent or well-established sawmills . . . . .	10
<u>Sawing of Dimensional Stock from Logs:</u>	
Includes machinery and equipment installed in sawmills characterized by temporary foundations and a lack, or minimum amount, of lumber-handling, drying, and residue disposal equipment and facilities . . . . .	5
<u>Manufacture of Wood Products, and Furniture:</u>	
Includes assets used in the production of plywood, hardboard, flooring, veneers, furniture, and other wood products, including the treatment of poles and timber . . . . .	10
<u>Printing, Publishing, and Allied Industries:</u>	
Includes assets used in printing by one or more processes, such as letter-press, lithography, gravure, or screen; the performance of services for the printing trade, such as book-binding, typesetting, engraving, photoengraving and electrotyping; and the publication of newspapers, books, and periodicals . . . . .	15



## ECONOMIC LIFE GUIDELINES (Cont'd.)

	<u>Average Economic Life</u>
<u>Manufacture of Finished Plastic Products:</u>	
Includes assets used in the manufacture of plastics products and the molding of primary plastics for the trade. Does not include assets used in the manufacture of basic plastics materials nor the manufacture of phonograph records . . . . .	12 Years
<u>Manufacture of Glass Products:</u>	
Includes assets used in the production of flat, blown, or pressed products of glass, such as float and window glass, glass containers, glassware and fiberglass. Does not include assets used in the manufacture of lenses . . . . .	15
<u>Manufacture of Cement:</u>	
Includes assets used in the production of cement, but does not include any assets used in the manufacture of concrete and concrete products nor in any mining or extraction process . . . . .	20
<u>Manufacture of Other Stone and Clay Products:</u>	
Includes assets used in the manufacture of products from materials in the form of clay and stone, such as brick, tile, and pipe; pottery and related products. Does not include assets used in any mining or extraction processes . . . . .	15
<u>Manufacture of Primary Nonferrous Metals:</u>	
Includes assets used in the smelting, refining, and electrolysis of nonferrous metals from ore, pig, or scrap, the rolling, drawing, and alloying of nonferrous metals; the manufacture of castings, forgings, and other basic products of nonferrous metals; and the manufacture of nails, spikes, structural shapes, tubing, wire, and cable . . . . .	15
<u>Manufacture of Foundry Products:</u>	
Includes assets used in the casting of iron and steel, including related operations such as molding and coremaking. Also includes assets used in the finishing of castings and patternmaking when performed at the foundry, all special tools and related land improvements . . . . .	15
<u>Manufacture of Athletic, Jewelry and Other Goods:</u>	
Includes assets used in the production of jewelry; musical instruments; toys and sporting goods; motion picture and television films and tapes; and pens, pencils, office and art supplies, brooms, brushes, caskets, etc. . . . .	12
<u>Recreation:</u>	
Includes assets used in the provision of entertainment services on payment of a fee or admission charge, as in the operation of bowling alleys, billiard and pool establishments, theaters, concert halls, and miniature golf courses . . . . .	10

1983  
TRENDING FACTORS

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	3 Years	5 Years	7 Years	10 Years	12 Years	15 Years	20 Years	25 Years	30 Years	
1983	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1983
1982	.63	.73	.78	.82	.83	.84	.85	.86	.87	1982
1981	.39	.62	.72	.80	.83	.85	.88	.90	.91	1981
1980	.11	.49	.66	.79	.83	.88	.94	.96	.99	1980
1979		.35	.60	.79	.87	.94	1.01	1.06	1.10	1979
1978		.14	.49	.74	.84	.94	1.04	1.11	1.14	1978
1977			.33	.66	.79	.92	1.05	1.12	1.18	1977
1976			.15	.56	.72	.88	1.04	1.14	1.20	1976
1975				.45	.65	.84	1.04	1.15	1.22	1975
1974				.34	.59	.83	1.07	1.22	1.32	1974
1973				.20	.49	.79	1.09	1.27	1.39	1973
1972					.36	.70	1.04	1.23	1.38	1972
1971					.21	.60	.98	1.21	1.35	1971
1970						.50	.93	1.18	1.36	1970
1969						.38	.88	1.18	1.37	1969
1968						.25	.81	1.14	1.36	1968
1967							.71	1.07	1.34	1967
1966							.62	1.03	1.29	1966
1965							.51	.94	1.24	1965
1964							.39	.88	1.17	1964
1963							.28	.77	1.11	1963
1962								.67	1.04	1962
1961								.60	.96	1961
1960								.40	.89	1960
1959								.41	.82	1959
1958								.30	.74	1958
1957									.67	1957
1956									.60	1956
1955									.50	1955
1954									.41	1954
1953									.32	1953

HOW TO USE: 198 3 COMMERCIAL PERSONAL PROPERTY STATEMENT

PROPERTY LISTING FOR <u>Doe Company</u>								
List and describe all items of machinery, equipment, and supplies which are owned, such as: office machines, furniture, counters, shelving, bins, carts, tools, loaders, plant equipment and all other personal property fixtures and machinery. Add supplemental pages as required.								
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					APPRAISER'S USE			
ITEM-CONDITION-AGE				Purchase Date	Cost	Econ Life	Trending Factor	Market Value
1.	Billing Machine	(good)	4	6/1978	7,421. x	5	.14	= \$1,039.00
2.								
3.								
4.	Benches and Counters	(good)	13	7/1969	18,642. x	15	.38	= \$7,084.00
5.								
6.								
7.								
8.								
9.								
10.								

1982

TRENDING FACTORS

Purchase Year	Economic Life								
	3 Years	5 Years	7 Years	10 Years	12 Years	15 Years	20 Years	25 Years	30 Years
1982	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1981	.77	.90	.95	1.00	1.01	1.03	1.04	1.05	1.06
1980	.43	.78	.91	1.00	1.04	1.08	1.11	1.14	1.15
1979	.14	.64	.86	1.02	1.08	1.14	1.21	1.24	1.27
1978		.43	.74	.98	1.07	1.16	1.25	1.31	1.36
1977		.16	.59	.90	1.02	1.14	1.26	1.33	1.38
1976			.40	.79	.94	1.10	1.25	1.34	1.40
1975			.18	.68	.87	1.06	1.25	1.37	1.44
1974				.57	.82	1.06	1.31	1.45	1.55
1973				.43	.73	1.03	1.33	1.52	1.63
1972				.23	.58	.93	1.27	1.48	1.62
1971					.42	.81	1.21	1.44	1.60
1970					.25	.71	1.16	1.44	1.61
1969						.59	1.11	1.42	1.63
1968						.45	1.04	1.40	1.62
1967						.29	.94	1.33	1.59
1966							.84	1.26	1.56
1965							.72	1.19	1.49
1964							.59	1.08	1.42
1963							.45	1.00	1.35
1962							.32	.89	1.27
1961								.77	1.18
1960								.68	1.10
1959								.56	1.02
1958								.47	.93
1957								.35	.86
1956									.78
1955									.68
1954									.57
1953									.47
1952									.36

HOW TO USE: 1982 COMMERCIAL PERSONAL PROPERTY STATEMENT

Page 2 - PP-22

PROPERTY LISTING FOR Doe Company

List and describe all items of machinery, equipment, and supplies which are owned, such as: office machines, furniture, counters, shelving, bins, carts, tools, loaders, plant equipment and all other personal property fixtures and machinery. Add supplemental pages as required.

Substitution of a computer printout is acceptable if the property is grouped by type, purchase date, and original cost. "Appraiser's Use" columns to be completed by county appraiser using appropriate Kansas Appraisal Guide for personal property valuations.

ITEM-CONDITION-AGE	Purchase Date	Cost	Econ Life	APPRAISER'S USE	
				Trending Factor	Market Value
1. Billing Machine (good) 4	6/1978	7,421. x	5	.43	= \$ 3,191.00
2.					
3.					
4. Benches and Counters (good) 13	7/1969	18,642. x	15	.59	= \$10,999.00
5.					
6.					
7.					
8.					
9.					
10.					
11.					

1981  
TRENDING FACTORS

## Economic Life

Purchase Year	5 Years	7 Years	10 Years	12 Years	15 Years	20 Years
1981	1.00	1.00	1.00	1.00	1.00	1.00
1980	.92	.98	1.02	1.04	1.05	1.07
1979	.81	.95	1.04	1.08	1.12	1.16
1978	.64	.86	1.02	1.08	1.14	1.20
1977	.42	.73	.95	1.04	1.13	1.22
1976	.16	.56	.86	.98	1.09	1.21
1975		.39	.77	.92	1.07	1.22
1974		.19	.69	.89	1.09	1.28
1973			.57	.82	1.06	1.31
1972			.40	.69	.98	1.26
1971			.22	.55	.88	1.20
1970				.40	.78	1.16
1969				.24	.68	1.12
1968					.56	1.06
1967					.42	.98
1966					.27	.89
1965						.78
1964						.66
1963						.54
1962						.42
1961						.29

HOW TO USE:

Page 2 — P.P.-22

PROPERTY LISTING FOR <u>Doe Co.</u>		Indicate Nature of Business, Such As: Hotel, Laundry, Dentist, Repair Shop, Etc.		
List and describe all items of machinery, equipment, furnishings, utensils, apparatus, supplies, etc. of a specific or general nature. Substitution of a computer run containing the required information is acceptable.	APPRAISER'S USE			
	Purchase Date	Cost	Trending Factor	Market Value
General Office Equipment				
Typewriters, Dictating Machines				
Adding and Calculating Machines				
Posting and Billing Machines	4-76	\$ 6348 x	(5 yr.)	.16 = \$1015.00
Cash Registers and Safes				
Office Desks and Chairs				
Waiting or Ante Room Furniture				
Work Tables, Benches and Counters	6-69	\$14238 x	(15 yr. life)	.68 = \$9682.00
Display and Storage Counters				
Moveable Shelving and Storage Bins				
Dollies, Loaders, Etc.				

1980

TRENDING FACTORS

Economic Life

Purchase Year	5 Years	7 Years	10 Years	12 Years	15 Years	20 Years
1980	1.00	1.00	1.00	1.00	1.00	1.00
1979	.82	.87	.91	.93	.94	.96
1978	.70	.81	.90	.93	.96	1.00
1977	.54	.72	.85	.91	.96	1.01
1976	.34	.60	.79	.86	.93	1.01
1975	.13	.47	.72	.82	.92	1.02
1974		.34	.67	.81	.94	1.07
1973		.16	.59	.76	.93	1.10
1972			.47	.67	.86	1.06
1971			.33	.56	.79	1.02
1970			.18	.45	.72	.99
1969				.34	.65	.97
1968				.20	.56	.92
1967					.46	.86
1966					.34	.79
1965					.22	.71
1964						.62
1963						.53
1962						.43
1961						.33
1960						.23

HOW TO USE:

Page 2 - P.P.-22

PROPERTY LISTING FOR <u>Doe Co.</u>		Indicate Nature of Business, Such As: Hotel, Laundry, Dentist, Repair Shop, Etc.		
List and describe all items of machinery, equipment, furnishings, utensils, apparatus, supplies, etc. of a specific or general nature. Substitution of a computer run containing the required information is acceptable.	APPRAISER'S USE			
	Purchase Date	Cost	Trending Factor	Market Value
General Office Equipment				
Typewriters, Dictating Machines				
Adding and Calculating Machines				
Posting and Billing Machines	4-76	\$ 6348 x	(5 yr.) .34	= \$2190
Cash Registers and Safes				
Office Desks and Chairs				
Waiting or Ante Room Furniture				
Work Tables, Benches and Counters	6-69	\$14238 x	(15 yr. life) .65	= \$9255
Display and Storage Counters				
Moveable Shelving and Storage Bins				
Dollies, Loaders, Etc.				

1979

TRENDING FACTORS

8

Economic Life

Purchase Year	5 Years	7 Years	10 Years	12 Years	15 Years	20 Years
1979	1.00	1.00	1.00	1.00	1.00	1.00
1978	.82	.87	.91	.93	.94	.95
1977	.68	.79	.88	.91	.94	.96
1976	.52	.69	.82	.87	.92	.95
1975	.34	.59	.77	.92	.91	.96
1974	.13	.48	.74	.84	.94	1.00
1973		.34	.67	.81	.94	1.03
1972		.15	.56	.72	.88	.99
1971			.44	.63	.82	.94
1970			.31	.54	.76	.91
1969			.18	.44	.70	.88
1968				.32	.62	.82
1967				.19	.53	.76
1966					.43	.6
1965					.32	.5
1964					.20	.5

1963 .4  
 1962 .3  
 1961 .2  
 1960 .11

HOW TO USE:

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PROPERTY LISTING FOR <u>ZZZA Co.</u>			Indicate Nature of Business, Such As: Hotel, Laundry, Dentist, Repair Shop, Etc.	
List and describe all items of machinery, equipment, furnishings, utensils, apparatus, supplies, etc. of a specific or general nature. Substitution of a computer run containing the required information is acceptable. General Office Equipment			APPRAISER'S USE	
	Purchase Date	Cost	TABLE FACTOR	Market Value
Typewriters, Dictating Machines				
Adding and Calculating Machines				
Posting and Billing Machines	4-76	\$14,250	5yr .52	7400
Cash Registers and Safes				
Office Desks and Chairs	7-68	\$3400	15yr .62	2200
Waiting or Ante Room Furniture				
Work Tables, Benches and Counters				
Display and Storage Counters				
Moveable Shelving and Storage Bins				
Dollies, Loaders, Etc.				
				<del>\$9600</del>

1978

TRENDING FACTORS

Economic Life

<u>Purchase Year</u>	<u>5 Years</u>	<u>7 Years</u>	<u>10 Years</u>	<u>12 Years</u>	<u>15 Years</u>
1978	1.00	1.00	1.00	1.00	1.00
1977	.82	.87	.91	.93	.88
1976	.67	.78	.86	.89	.86
1975	.52	.69	.82	.87	.85
1974	.35	.61	.80	.87	.95
1973	.14	.49	.76	.86	.96
1972		.33	.65	.78	.91
1971		.15	.54	.70	.85
1970			.43	.62	.80
1969			.31	.53	.76
1968			.17	.43	.69
1967				.31	.60
1966				.18	.51
1965					.41
1964					.30
1963					.19

HOW TO USE:

Page 2 - P.P.-22

PROPERTY LISTING FOR <u>ABX Co.</u>			Indicate Nature of Business, Such As: Hotel, Laundry, Dentist, Repair Shop, Etc.		
List and describe all items of machinery, equipment, furnishings, utensils, apparatus, supplies, etc. of a specific or general nature. Substitution of a computer run containing the required information is acceptable.			APPRAISER'S USE		
General Office Equipment	Purchase Date	Cost	TABLE FACTOR	Market Value	
Typewriters, Dictating Machines	2-76	\$1800	7YR .78	\$1404	
Adding and Calculating Machines	2-76	1600	✓ .78	1248	
Posting and Billing Machines	2-76	1250	✓ .78	975	
Cash Registers and Safes	2-76	3800	10YR. .86	3268	
Office Desks and Chairs					
Waiting or Ante Room Furniture					
Work Tables, Benches and Counters					6895
Display and Storage Counters					
Moveable Shelving and Storage Bins					
Dollies, Loaders, Etc.					

1983 work sheet  
program

CONSUMER PRICE INDICES

U.S. ALL ITEMS AND MAJOR GROUPS

U.S. Department of Labor, Bureau of Labor Statistics

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ave.
1936	41.4	41.2	41.0	41.0	41.0	41.4	41.6	41.9	42.0	41.9	41.9	41.9	41.5
1937	42.2	42.3	42.6	42.8	43.0	43.1	43.3	43.4	43.8	43.6	43.3	43.2	43.0
1938	42.6	42.2	42.2	42.4	42.2	42.2	42.3	42.2	42.2	42.0	41.9	42.0	42.2
1939	41.8	41.6	41.5	41.4	41.4	41.4	41.4	41.4	42.2	42.0	42.0	41.8	41.6
1940	41.7	42.0	41.9	41.9	42.0	42.1	42.0	41.9	42.0	42.0	42.0	42.2	42.0
1941	42.2	42.2	42.4	42.8	43.1	43.9	44.1	44.5	45.3	45.8	46.2	46.3	44.1
1942	46.9	47.3	47.9	48.2	48.7	48.8	49.0	49.3	49.4	49.9	50.2	50.6	48.8
1943	50.6	50.7	51.5	52.1	52.5	52.4	52.0	51.8	52.0	52.2	52.1	52.2	51.8
1944	52.1	52.0	52.0	52.3	52.5	52.6	52.9	53.1	53.1	53.1	53.1	53.3	52.7
1945	53.3	53.2	53.2	53.3	53.7	54.2	54.3	54.3	54.1	54.1	54.3	54.5	53.9
1946	54.5	54.3	54.7	55.0	55.3	55.9	59.2	60.5	61.2	62.4	63.9	64.4	58.5
1947	64.4	64.3	65.7	65.7	65.5	66.0	66.6	67.3	68.9	68.9	69.3	70.2	66.9
1948	71.0	70.4	70.2	71.2	71.7	72.2	73.1	73.4	73.4	73.1	72.6	72.1	72.1
1949	72.0	71.2	71.4	71.5	71.4	71.5	71.0	71.2	71.5	71.1	71.2	70.8	71.4
1950	70.5	70.3	70.6	70.7	71.0	71.4	72.1	72.7	73.2	73.6	73.9	74.9	72.1
1951	76.1	77.0	77.3	77.4	77.7	77.6	77.7	77.7	78.2	78.6	79.0	79.3	77.8
1952	79.3	78.8	78.8	79.1	79.2	79.4	80.0	80.1	80.0	80.1	80.1	80.0	79.5
1953	79.8	79.4	79.6	79.7	79.9	80.2	80.4	80.6	80.7	80.9	80.6	80.5	80.1
1954	80.7	80.6	80.5	80.3	80.6	80.7	80.7	80.6	80.4	80.2	80.3	80.1	80.5
1955	80.1	80.1	80.1	80.1	80.1	80.1	80.4	80.2	80.5	80.5	80.6	80.4	80.2
1956	80.3	80.3	80.4	80.5	80.9	81.4	82.0	81.9	82.0	82.5	82.5	82.7	81.4
1957	82.8	83.1	83.3	83.6	83.8	84.3	84.7	84.8	84.9	84.9	85.2	85.2	84.3
1958	85.7	85.8	86.4	86.6	86.6	86.7	86.8	86.7	86.7	86.7	86.8	86.7	86.6
1959	86.8	86.7	86.7	86.8	86.9	87.3	87.5	87.4	87.7	88.0	88.0	88.0	87.3
1960	87.9	88.0	88.0	88.5	88.5	88.7	88.7	88.7	88.8	89.2	89.3	89.3	88.7
1961	89.3	89.3	89.3	89.3	89.3	89.4	89.8	89.7	89.9	89.9	89.9	89.9	89.6
1962	89.9	90.1	90.3	90.5	90.5	90.5	90.7	90.7	91.2	91.1	91.1	91.0	90.6
1963	91.1	91.2	91.3	91.3	91.3	91.7	92.1	92.1	92.1	92.2	92.3	92.5	91.7
1964	92.6	92.5	92.6	92.7	92.7	92.9	93.1	93.0	93.2	93.3	93.5	93.6	92.9
1965	93.6	93.6	93.7	94.0	94.2	94.7	94.8	94.6	94.8	94.9	95.1	95.4	94.5
1966	95.4	96.0	96.3	96.7	96.8	97.1	97.4	97.9	98.1	98.5	98.5	98.6	97.2
1967	98.6	98.7	98.9	99.1	99.4	99.7	100.2	100.5	100.7	101.0	101.3	101.6	100.0
1968	102.0	102.3	102.8	103.1	103.4	104.0	104.5	104.8	105.1	105.7	106.1	106.4	104.2
1969	106.7	107.1	108.0	108.7	109.0	109.7	110.2	110.7	111.2	111.6	112.2	112.9	109.8
1970	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.9	117.5	118.1	118.5	119.1	116.3
1971	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.6	123.1	121.3
1972	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	125.3
1973	127.7	128.6	129.8	130.7	131.5	132.4	132.7	135.1	135.5	136.6	137.6	138.5	133.1
1974	139.7	141.5	143.1	143.9	145.5	146.9	148.0	149.9	151.7	153.0	154.3	155.4	147.7
1975	156.1	157.2	157.8	158.6	159.3	160.6	162.3	162.8	163.6	164.6	165.6	166.3	161.2
1976	166.7	167.1	167.5	168.2	169.2	170.1	171.1	171.9	172.6	173.3	173.8	174.3	170.5
1977	175.3	177.1	178.2	179.6	180.6	181.8	182.6	183.3	184.0	184.5	185.4	186.1	181.5
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	195.4
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	222.9	217.4
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4
1982	282.5	283.4	283.1	284.3	287.1	290.6		292.8					
1983	296.6												

add for Sept

.0.2 July



C.P.I. FACTOR 1983 - 1978

1983		1982		1981		1980		1979		1978	
YEAR	FACTOR	YEAR	FACTOR	YEAR	FACTOR	YEAR	FACTOR	YEAR	FACTOR	YEAR	FACTOR
1983	1.00										
1982	1.05		1.00								
1981	1.14		1.094		1.00						
1980	1.27		1.223		1.12		1.00				
1979	1.45		1.394		1.27		1.00		1.00		
1978	1.58		1.525		1.39		1.094		1.00		1.00
1977	1.69		1.628		1.49		1.168		1.067		1.00
1976	1.78		1.712		1.56		1.228		1.122		1.052
1975	1.90		1.828		1.67		1.311		1.199		1.123
1974	2.12		2.042		1.87		1.465		1.339		1.255
1973	2.32		2.234		2.04		1.603		1.465		1.373
1972	2.41		2.316		2.12		1.662		1.519		1.423
1971	2.49		2.394		2.19		1.717		1.570		1.471
1970	2.62		2.518		2.30		1.807		1.651		1.547
1969	2.78		2.674		2.44		1.919		1.754		1.643
1968	2.91		2.797		2.56		2.007		1.834		1.719
1967	3.01		2.894		2.65		2.076		1.898		1.778
1966	3.11		2.991		2.73		2.146		1.961		1.838
1965	3.19		3.048		2.79		2.187		1.999		
1964	3.20		3.081		2.82		2.211		2.021		
1963	3.26		3.132		2.86		2.247		2.054		
1962	3.30		3.174		2.90		2.277		2.081		
1961	3.32		3.195		2.92		2.292		2.095		
1960	3.37		3.246		2.97		2.329		2.129		
1959	3.42		3.287		3.00		2.3583		2.156		
1958	3.46		3.329		3.04		2.3886				
1957	3.58		3.446		3.15		2.4722				
1956	3.69		3.553		3.25		2.5492				
1955	3.70		3.562		3.26		2.5556				
1954	3.68		3.535		3.23		2.5366				
1953	3.72		3.575		3.27						
			3.598		3.29						
					3.43						

